



Cop. 2

KANSAS FARMER AND MAIL & BREEZE

Volume 61

March 17, 1923

Number 11



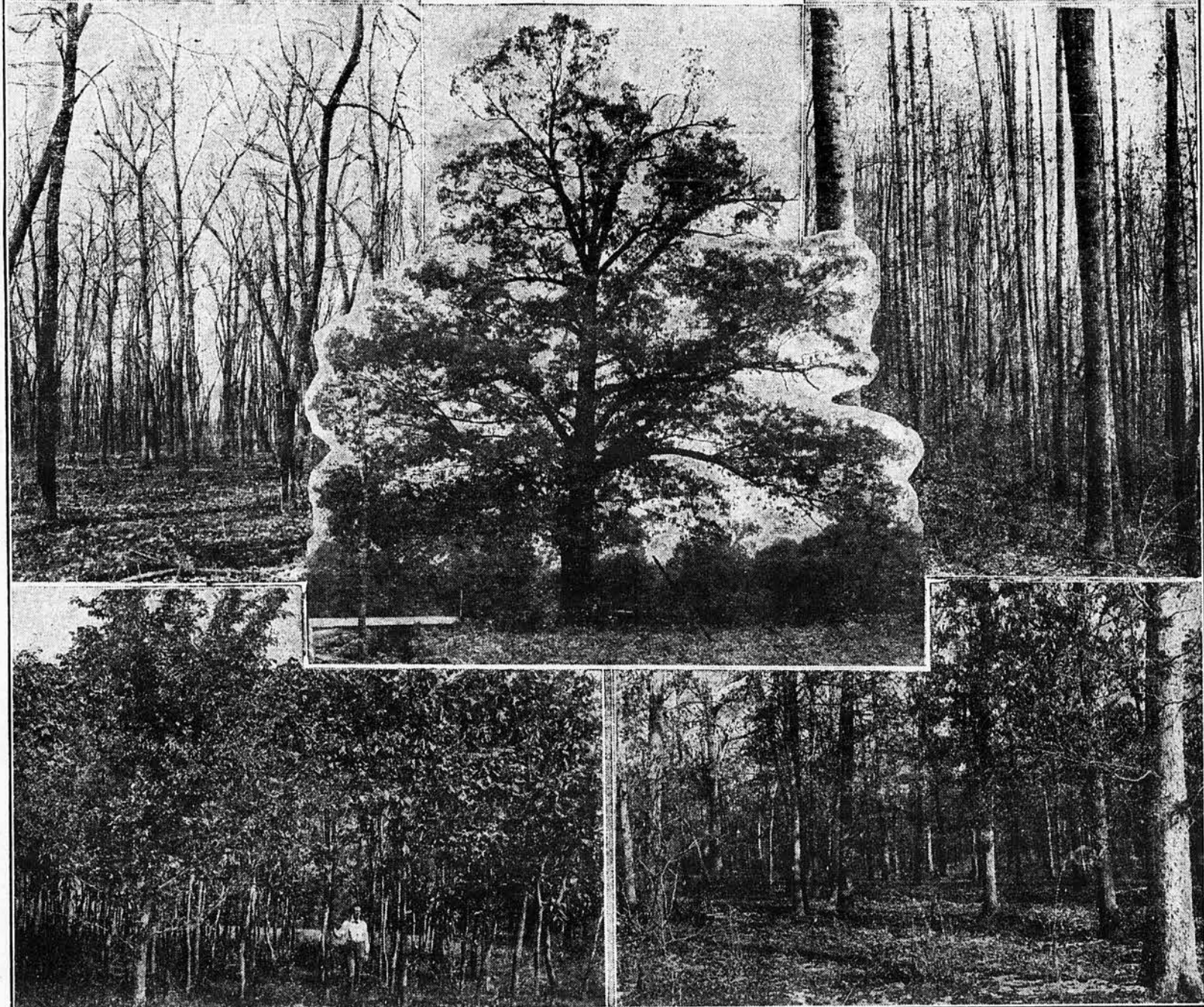
In This Issue

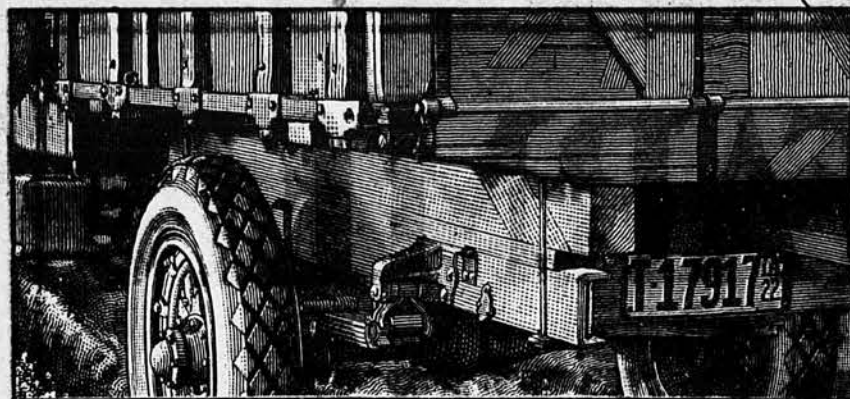
What Congress Has Done
Senator Arthur Capper

Better Days are at Hand
Floyd B. Nichols

Million a Month for Repairs
Ray Yarnell

The Draft Horse in Kansas
I. D. Graham





THEY DELIVER THE LOAD ON TIME



Copyright 1923, by The Goodyear Tire & Rubber Co., Inc.

"In deep snow and mud, Goodyear Cord Truck Tires have carried our loads without delay. They have helped us get more business."

—THE ADEL TRANSFER CO., Adel, Iowa

WHEN you equip your truck with Goodyear Cord Truck Tires, you give it the advantage of that powerful traction which means extra trips and on-time deliveries. That famous All-Weather Tread grips hard and hangs on. That buoyant cushioning makes light work of field hauling or travel on muddy roads. Those reinforced sidewalls resist rut wear and curb wear. Haul the year 'round on Goodyear Cord Truck Tires.

The new beveled All-Weather Tread Cord Tire is made in all sizes for trucks and passenger cars

GOOD YEAR

Chicks and Free Farm
Our chicks cost less and you have a real opportunity to secure a 40-acre farm. BIG catalog FREE. Colonial Hatcheries, Box CC, Windsor, Mo.

Oil-Gas Tractor

The right power for threshing.

An even, steady, strong power like a big steam engine is what the Nichols-Shepard Oil-Gas Tractor produces.

There must be no lack of power to make a thresher do good work.

The little light tractor does not furnish the right power.

The Nichols-Shepard Oil-Gas Tractor does.

It is designed and built to give the thresherman the ideal power and it does it.

Slugging or momentary overloads do not kill it.

It burns either gasoline, kerosene, or distillate at all loads with economy and effectiveness.

It lasts for years. It starts easily in cold weather.

It also fills every place in general tractor work.

Built for service, and is not a plaything.

Write for Free Circulars

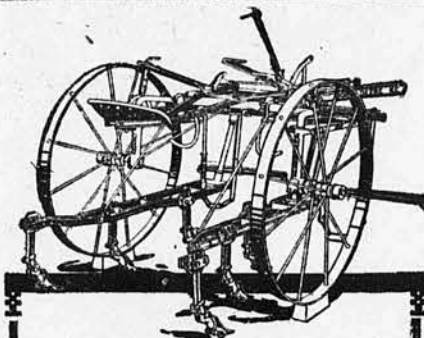
Nichols & Shepard Co.

(In Continuous Business Since 1848)

Builders exclusively of Red River Special Threshers, Wind Stackers, Feeders, Steam and Oil Gas Traction Engines

Battle Creek, Michigan

GOETZ EAGLE BRAND
Kills prairie dogs, ground hogs, ground squirrels, pocket gophers, saves alfalfa. Experimental stations approve. 1000 tablets price \$1.50. Warranted. Ask your druggist or send direct. Booklet Free. Address
FT. DODGE CHEMICAL CO., Ft. Dodge, Iowa



Works All the Soil

Shovels always work all the soil at even depth full width of the gangs, on both crooked rows and straight—no "skips and jumps"—kills the weeds—that's a great feature of the

John Deere KC

—the cultivator that makes good work easy. You can stay on the seat and make every adjustment with handy levers—lower the rigs—space them just as you want them, equal at front and rear—adjust exactly to desired depth, with front and rear shovels penetrating uniformly—tilt rigs for uniform penetration when cultivating up or down slopes.

Built strong in every part. Can be furnished with style of rigs to suit your requirements. See the KC at your John Deere dealer's.

SEND TODAY for free KC booklet. Tell us of other implements on which you want information and we will send, free, "Bookkeeping on the Farm," just what you need for farm accounts. Address John Deere, Moline, Ill., and ask for Package KX-711.

JOHN DEERE
THE TRADE MARK OF QUALITY MADE FAMOUS BY GOOD IMPLEMENTS

Jayhawker's Farm Notes

By Harley Hatch

The Outlook for Spring Pasture is Exceedingly Good and Grazing Will Soon be Possible

MARCH is here and the week which brought it also brought us a trace of moisture, just enough to make the fodder handle to a little better advantage. While fodder breaks badly in handling, stock eat it much better than they do in wet times. The first week in March finds us with more of both hay and fodder than we are likely to feed even should the spring prove late. It is always best to have feed enough to last until May 1, altho there is seldom a season in which good grass does not come before that date. In a series of years we find that good grass is usually available by April 20 and sometimes as early as April 8, but in 1907, May 1 found us with bare pastures, due to a second winter which came after all trees were in leaf and bloom, and grass was plentiful as early as April 1. So we feel safer to know there is feed in plenty to last until the first day of May. If we have hay left, we can carry it over for cattle feed. However fodder cannot be profitably carried over here. We have tried it twice and found it virtually worthless the next fall.

Southern Seed Oats

Sowing of oats began on this farm March 1, one day later than we expected to start. In fact, we did start the last day of February but our home-grown seed was so light in weight that it would scarcely feed from the drill. The oats seemed of fair quality and we have sown no better in other years with good results. But the new drill will not handle oats as well as the old drill did and if we kept on with our own seed we feared a light stand might result. So we took the truck and made a trip to Burlington where we found 50 bushels of Texas grown seed which had just arrived. This seed cost 80 cents a bushel as compared with 60 cents, the local price of homegrown oats.

Probably this Texas seed will more than return their extra cost; really it was time that we got seed from the South as our present stock has been grown on this farm since 1916. It is commonly thought here that it is best to bring in seed oats from the South about every third year. We are sowing the same variety—Texas Red—which we have grown here for 27 years. Not enough of the Kanota variety has been grown here to show what it will do.

Early Sowing the Best

Several carloads of seed oats from the South were sold in Burlington this spring and, judging from the demand during the last week, we should think at least two more cars could have been disposed of had they been on hand. Such seed is usually sold on orders and a large number fail to order, expecting to get their seed anyway when the oats arrive. The local seed is of much poorer quality than is usually grown here, owing to the

late date on which greater part of the crop was sown last spring. All oats sown on or before March 1 made yields of probably 40 to 50 bushels to the acre and of good weight.

After March 1 heavy and continued rains set in which delayed further sowing until April 12. Oats sown on or after that date averaged from 15 to 20 bushels to the acre of light weight. The reason oats were not sown last spring during the last of February was because the preceding crop sown early was badly damaged by the Easter freeze. Experience has shown, however, that where this crop fails once from too early sowing it fails five times from sowing too late.

Inquiries About Radiophones

The questions about radiophones continue to come and, altho we do not know much about radio we can, from our brief experience, answer part of the questions sent in. Most of them deal with the cost of installing and operation. The installing cost varies so greatly that we can no more than give an idea. The vacuum tube type which runs with a 6-volt storage battery cost less than the type having the WD 11-tube which runs with common dry cells. We prefer the latter type altho the first cost is greater but we believe the operating cost to be less.

To operate a detector set with a storage battery one must figure on using 1 ampere an hour and 1 ampere additional for each stage of amplification. To operate the WD 11-type on a dry cell takes ¼ ampere an hour for the detector set and the same for each stage of amplification. The common storage battery sold by radio companies is of 40-ampere capacity; the larger batteries have 80 amperes. You can estimate from that just how long it would be until a storage battery would have to be re-charged.

The common dry cell usually contains about 25 amperes and in theory should give close to 100 hours of service.

In practice we have found few batteries which will do that. The satisfaction of having a set lies in keeping it in good working order and it seldom pays to use a dry cell too long. The usual life of a "B" battery is four or five months. These "B" batteries must be used with either type of tube but if one is using the type which takes dry cells he can make his own "B" batteries from discarded dry cells. Each dry cell contains 1½ volts even tho the amperes have been discharged.

By hooking up 15 of these discarded dry cells one will have a "B" battery which will give good service. In most cases there will be enough discarded dry cells to keep up the "B" battery supply without buying more than one for the first start. Our set of two stages of amplification and one detector takes two "B" batteries and three dry cells to make it operate satisfactorily. We now have it in better order than at first and are getting good service from phonograph attachment.

Chicken and Egg Values Decline

THE combined farm value of chickens raised and eggs produced in 1922 is estimated at \$854,207,000, by the United States Department of Agriculture. The value in 1921 was \$900,820,000.

About 543 million chickens were raised on farms in 1922, with a farm value of \$354,199,000, as compared with 510 million chickens raised in 1921 valued at \$362,253,000. Egg production totaled 1,962,356,000 dozen eggs of a value of \$500,008,000, as compared with 1,837,486,000 dozen eggs with a value of \$538,567,000 in 1921.

Of the chicken eggs produced in 1922, large quantities were consumed in industries in the manufacture of other than food products, and about 113 million dozen were used to produce chickens.

The average farm price of chickens raised in 1922 was 65 cents a fowl, compared with 71 cents in 1921, and with 86.5 cents in 1920. The average farm price of chicken eggs was 25.5 cents a dozen in 1922, compared with 29.3 cents a dozen in 1921 and with 44.4 cents in 1920.

It is estimated that there were 412 million chickens on farms January 1, 1922 at a time of year when the number of chicks is low. There were 386 million chickens on farms January 1, 1921, and on January 1, 1920, there were 360 million, according to the United States Census figures.

KANSAS FARMER and MAIL & BREEZE

March 17, 1923

By *Arthur Capper*

Vol. 61 No. 11



Million a Month for Repairs

Expense of Maintenance and Replacement of Farm Buildings in Kansas Can be Reduced One Half at Only a Slight Increase in Cost

By Ray Yarnell

A MILLION dollars a month is being spent by Kansas farmers for repairing and renewing farm buildings—12 million dollars a year. That figure really is low because it is based on a maintenance and depreciation charge of only 3½ per cent annually on the valuation of farm improvements by the United States Census, and 3½ per cent will by no means cover the cost.

Good Materials Always the Best

Expenditure for repair and renewal of a building depends on the material of which the building is made, the quality of the construction work and the care the structure has received. It is estimated by engineers that this expense can be reduced fully one-half every year in Kansas at only a slight increase in cost of constructing new buildings.

Building maintenance is one of the big items in farm overhead and if it can be reduced 50 per cent the saving immediately will be reflected in farm earnings. Faced as he is with the problem of producing at the lowest possible cost in order to make a profit under existing conditions, the farmer is seeking every opportunity to broaden his margin so that he can accumulate a surplus.

In the foregoing figures no consideration is taken of the enormous annual loss due to fire. This runs into the millions also. Here again a saving may be made thru the choice of better materials, more systematic management of buildings and closer attention to maintenance.

Economic Waste in Decrepit Buildings

Economic waste resulting from decrepit buildings within a short time can consume the profits of an enterprise and defeat the accomplishments of hard work and careful attention to production and marketing.

A cow, a horse and a hog, warmly housed will make more out of a given amount of feed than if their health is impaired by drafts and damp and cold and their resistance reduced. A shack barn or hog house is a costly building

to own because it not only requires a large expenditure for maintenance but animals housed in it cannot make efficient gains.

Corn cribs and granaries often are prolific wasters. Unless the foundation is solid and resistant, rats and mice will get in and destroy much valuable material. A leaky roof may result in damage running into hundreds of dollars. A hole in the side, hastily patched so the grain will not fall out, often leaves the corn or wheat exposed to the weather with resultant loss.

On this page are pictured four buildings that are contributing every day to the million dollar a month repair bill Kansas farmers are paying. Note

the sway-back barn in the upper left hand corner of the picture. Its walls are full of cracks. A door is missing. One end is propped up with posts. It has no foundation. Stock housed in it cannot be comfortable on cold days. A large portion of the food they consume goes to the difficult task of keeping them warm, altho the barn was intended to do that. A draft is more likely to cause sickness than complete exposure, both to man and animal. So the barn really is a liability and a costly one to keep.

The missing foundation under the granary pictured at the right probably would have cost \$25 to \$50. The rocks placed under the corners and sides have

fallen down. The building has shifted and twisted. Cracks have opened. Rain can get in. Much grain leaks thru the floor. Rats and mice have easy ingress. The annual loss of grain stored in this building would buy two or three foundations. And the farmer who owns it, in all probability, gathers up rags and cleats and pieces of tin every summer and spends a day or two trying to make a good granary out of a building that never had a chance to perform efficiently.

An Expensive Corn Crib

In the bottom left hand corner of the picture is an example of a corn crib that is as reckless a waster, to the extent of its opportunity, as the wild son of a careless millionaire. Thru the gaping holes in its sides many ears fall out to rot on the ground or fill the stomachs of rats. Its roof is an invitation to the clouds to pour out rain. The building is weary of its debauched life, for note how it leans on its side.

Now in the bottom right hand corner is pictured the skeleton of a corn crib built in the fond hope that it would render service. It did not have the physical, let alone the moral strength, to live a life of rectitude. It tried to do its duty in a wobbly sort of way but turned out a miserable failure.

It serves now only to litter up the landscape, proclaim the carelessness of its owner and to tempt some ambitious match to flare up and start a disastrous fire.

Not Typical Kansas Buildings

These are not typical Kansas farm buildings. They are exceptional but there are too many of them in Kansas. They play a large part in that annual 12 million dollar expenditure for repair and replacement.

Contrast them for a moment with the central picture. Doesn't it literally shout efficiency? Those well-built, well-kept buildings are saving dollars every day for the farmer who owns them. They do not waste the profits he has worked hard to earn.

In Kansas a decided tendency to (For Continuation Turn to Page 12.)



Are Your Buildings Wasting Profits or Conserving Them? Here are Examples of Both Types. Kansas Farmers are Spending Double What They Should for Building Maintenance and Replacement

A Kansas Boy Wins \$4,000

A KANSAS boy, Karl Pearson, of Lindsborg, writing on the subject, "How Good Roads are Developing My Community," was the winner in a Nation-wide prize contest conducted by the Firestone Company and was awarded a \$4,000 scholarship in any university the winner may select. Pearson now lives in Washington, D. C., where his father is in Government service.

The essay he wrote is built around Johnstown, Kan., a siding on the Union Pacific branch between McPherson and Lindsborg. Young Pearson visualized in a dramatic way what a good road would do for such a flag station. The things he relates did not occur but they are nevertheless real and possible.

The winning essay reads as follows: "Five years ago the little flag station of Buckton lay unnoticed at a point on the railroad where the Blue Valley makes a wide sweep westward. A freight car carelessly planted by the track served as the railroad station. All the business of the place was transacted in a little frame building, entered by three wooden steps and a stoop out of plumb with the remainder of the structure. This was Buckton's

postoffice, grocery store, drug store, and clothing store, all in one. Here the farm hands got their chewing tobacco and here folks of leisure came to talk a while, after they had been down to see the train pass by.

"As a steep-banked creek made it difficult for the upland farmers to reach Buckton, they traded mostly at a point 5 miles farther north. The roads from the other direction were passable only at certain periods, for after every shower the clay softened into sticky mud, which made the farmers prefer the 15 miles to Summerville rather than the slump thru 4 miles of mud to Buckton.

"However, the same kind of mud produced corn and plump wheat, hence good money when the produce got to market. But it also produced rank weeds along the fences and bridges, and often in the tilled fields. In other respects, too, things were permitted to take their own course around Buckton. Bill Tilford seized by an improvement impulse, remarked, 'They're havin' a spruce-up week in Summerville; guess a spruce-up week wouldn't hurt us none.' 'What's the use?' retorted Steve Blue, 'Nobody travels these roads now.'

"But Senator Sheffield had good ideas as well as the less usual ability of putting them into practice. A ranch owner of the uplands led with a good roads subscription of \$5,000; farmers' clubs subscribed \$5,000; and the total amount was completed by a levy on farm lands in proportion to their nearness to the projected new road. And so the construction began on a hard surfaced road to tap both the uplands and the valley. Senator Sheffield insisted on 'no cheap work or skimping in this enterprise.'

"The road was built with rock and concrete capable of sustaining the heaviest truck loads. The railroad company, foreseeing local progress, removed the ramshackle freight car and put in its place a suitable depot. An up-to-date garage and a filling station seemed to spring up over night.

"With the prospect of a good road to their railway station, the farmers built an elevator to save hauling the season's yield 10 or 15 miles to Summerville.

"At the school meeting in August, Buckton was chosen as the site for the consolidated school for the six adjoining districts. 'This is the place,' so

went the argument for the proposal, 'for the youngsters can get here and not muss up the rooms with muddy feet; and if they've got too far to walk we are now in a position to run a bus line for them.'

"To the general question, 'How is Buckton?' Steve Blue now answers, 'Oh, things are moving and if you don't believe it, just look down the road.'

"People living miles away make the detour to reach Buckton, for it has become a live trading point, and they enjoy the feel of riding along the smooth surface of its highway. Summerville picnic parties have discovered delightful camping grounds along the road where it sweeps around the bend outside of the town. Jim Sharp is setting a new pace for his neighbors by cutting his weeds and trimming his hedges and painting his houses and barns. 'So many people are coming by that these improvements,' he says, 'are called for by common decency.'

"The new real estate office in Buckton has statistics on economic gains in so far as these are reflected in the sale of farm lands and town lots. But the chief gains, the social and spiritual ones, cannot be expressed in statistics."

DEPARTMENT EDITORS
 Livestock Editor.....T. W. Morse
 Farm Doings.....Harley Hatch
 Dairying.....J. H. Frandsen
 Medical Department.....Dr. C. H. Lerrigo
 Poultry.....I. B. Reed
 Farm Engineering.....Frank A. Meckel

Entered as second-class matter February 16, 1906,
 at the postoffice at Topeka, Kansas, under act of
 Congress of March 3, 1879.

ADVERTISING RATE
 50c an agate line. Circulation 120,000.

Changes in advertisements or orders to discontinue
 advertisements must reach us not later than 10 days
 in advance of the date of publication. An advertise-
 ment cannot be stopped or changed after it is inserted
 in a page and the page has been electrotyped. New
 advertisements can be accepted up to and including
 Saturday preceding issue.

KANSAS FARMER and MAIL & BREEZE

Member Agricultural Publishers Association
 Member Audit Bureau of Circulation

Published Weekly at Eighth and Jackson Streets, Topeka, Kansas.

ARTHUR CAPPER, Publisher
F. B. NICHOLS, Managing Editor **T. A. McNEAL, Editor**
JOHN W. WILKINSON and RAY YARNELL, Associate Editors
CHARLES E. SWEET, Advertising Manager

SUBSCRIPTION RATE: One dollar, a year

Please address all letters in reference to subscription matters direct to
 Circulation Department, Kansas Farmer and Mail & Breeze, Topeka, Kan.

DEPARTMENT EDITORS
 Farm Home Editor.....Mrs. Ida Magliaro
 Assistant Farm Home Editor.....Florence E. Miller
 Horticulture.....John W. Wilkinson
 Young Folks' Pages.....Kathleen Hogan
 Capper Pig Club.....Raymond H. Glickson
 Capper Poultry Club.....Rachel Ann Neiswender

No medical advertising accepted. By medical ad-
 vertising is understood the offer of medicine for in-
 ternal human use.

ADVERTISEMENTS GUARANTEED

WE GUARANTEE that all display advertising in
 this issue is reliable, and should any subscriber suf-
 fer financial loss thru fraudulent dealing resulting
 from such advertising, we will make good such loss.
 We make this guaranty with the provisions that the
 transaction take place within one month from the
 date of this issue; that we are notified promptly, and
 that in writing the advertiser you state: "I saw your
 advertisement in Kansas Farmer and Mail and Breeze."

Passing Comment—By T. A. McNeal

THE price of sugar is 10 cents a pound. That is higher than it has been except during the World War, for many, many years. What is the reason?

The United States Sugar Association made up as I understand, of sugar refiners, says it is the tariff. Senator Smoot, who more than any other Senator represents the beet sugar interests, says that the refiners who control the Cuban sugar crop arbitrarily raised the price of Cuban sugar more than 3 cents a pound and that they are to blame.

The United States Sugar Association presents many figures which are interesting altho Senator Smoot says that the statements are full of lies. Personally I have always been opposed to a tariff on sugar and therefore am inclined to side with the figures of the United States Sugar Association rather than with Senator Smoot.

The McCumber Tariff act imposes a tax of 2.2 cents a pound as full duty on refined and a tax of 1.76 cents on Cuban raw sugars. The people of the United States consume annually 11,407,776, 920 pounds of sugar, or approximately 103 pounds per capita.

The United States Sugar Association figures that by reason of the tariff each man, woman and child is taxed the sum of \$2.06 a year. The Government derives revenue from the tariff on sugar to the extent of 121 million dollars annually.

If the figures of the United States Sugar Association are correct then the people of the United States would be more than 100 million dollars better off every year if sugar was admitted free and a sales tax of 1.1 cents a pound levied on sugar. In other words they could buy sugar more than 1 cent a pound cheaper than they buy it now and at the same time turn into the United States Treasury more money than is now collected in tariff duties on sugar.

According to the figures given by the United States Sugar Association the beet raisers have not profited by the advance in the price of sugar.

According to the authority of the United States Department of Agriculture, the United States average price paid beet farmers by beet factories in 1919 was \$11.74 for a ton of beets averaging 246.8 pounds of refined sugar, and, in 1920, \$11.63 for a ton of beets averaging 272.6 pounds of refined sugar, or an average for the two years of \$11.685 for a ton of beets averaging 259.7 pounds of sugar under a tariff rate of 1 cent a pound, while the average paid in 1921 was \$6.32 for a ton of beets averaging 275.2 pounds of refined sugar, under a tariff rate of 1.6 cents a pound, and, in 1922, \$5.65 for a ton of beets averaging 263.4 pounds of refined sugar under a tariff rate of 1.7648 cents a pound, or an average for the last two years of \$5.985 for an average of 269.3 pounds of refined sugar under an average tariff rate of 1.6814 cents a pound. Hence the farmer averaged \$5.70, or 51.2 per cent less for a ton of beets averaging 9.6 pounds more refined sugar in 1921 and 1922, under an average tariff increase of 68.14 per cent, than he averaged for 1919 and 1920 from the beet factories. The United States average price paid beet farmers by beet factories during the whole period of the Underwood bill, 1914 to 1921 inclusive, was \$8.286 for a ton of beets averaging 271.3 pounds of refined sugar, or an average of \$2.30 more than the average of 1921 and 1922 under tariff rates of 68.14 per cent higher.

Industrial Harmony

ABOUT a year ago the Nation-wide organization known as the Unitarian Laymen's League undertook a Nation-wide investigation of industrial conditions with the purpose of finding out if possible whether there was any way of avoiding friction between labor and capital, between employers and employees.

The world at large has come to think that industry is divided into two hostile camps and that the only way to settle the dispute is for one side or the other to completely dominate. If this is the only solution then the world is in for a long, bitter and probably bloody contest, for it is certain that neither side will yield without a desperate struggle.

It is the opinion of the leaders of this League movement that this assumption of irrepressible conflict between labor and capital is an error and a most serious error which leads to vast and

unnecessary harm. It can scarcely be said that these investigations have gone far enough to prove the correctness of the opinion of these League members but certainly so far as the investigation has gone it is most encouraging.

Here is the substance of one report from a local chapter which has been making an examination of conditions in its locality and localities not far distant. This chapter has taken as its district the town in which it is located and the territory

The Capper Platform

JUST one kind of law for rich and poor. A square deal for all, special privileges to none.

Substantially lower freight rates immediately.

Justice for all of our soldiers of the World War.

Abolish gambling in wheat, cotton, corn, and all farm products.

Reopening of foreign markets to American agriculture's surplus products thru an economic conference.

A constructive national policy for the relief of agriculture.

Higher prices for farm products; or lower prices for the things farmers must buy.

Credit facilities for agriculture equal to credit facilities for business men.

Practical and businesslike co-operative marketing of farm products.

Laws to prevent price-gouging and profiteering.

The stripping of waste, extravagance, graft, incompetence and all partisan favoritism from the public service.

Honest enforcement of prohibition as a means of making prohibition world-wide, thru proof of its benefits here.

within a radius of 10 miles. In this district is one town of about 5,000 inhabitants and two or three others of approximately half that size. This district is agricultural and therefore there is no employment of labor on a large scale.

There are many small or comparatively small business concerns which employ a few men. In these cases the employer works side by side with his employees. He is what may be called a combination of employer and laboring man. The few people who are in his employ are treated as co-laborers and there is no friction between him and them. This illustrates the benefit of the personal contact. Where the employer comes constantly in personal touch with the employed if he is a capable and fair-minded man he rarely has any trouble with his help. He is the personal friend of the people who work with him and they are friends of his. He consults with them; asks their advice and invites suggestions. They come to regard the business in a way as their business and take a personal interest in it.

In another town near by, this chapter reports that there is a lumber mill employing about 35 men. Here again the managers have established friendly personal relations with the men and as a result there is no labor trouble. The employees have virtually permanent positions and are able to establish homes and bring up their families.

Another case reported is that of a laundry in which about 30 women are employed. In this case in addition to paying the minimum wage required by law, the proprietor takes particular pains to adjust grievances of any kind and to treat his workers in the kindest and most sympathetic spirit. He gets along harmoniously with his workers and has no trouble in getting and keeping help.

Another case investigated was a factory for the making of fancy wooden boxes. The report does not give the number employed in this factory. The business is prosperous and the management urges and encourages the employees to take stock in the business, in other words to become part owners which many of them are doing.

Another case reported is that of a large dry goods establishment which was started about 10

years ago. The proprietor of this establishment, that is the principal owner, has three ways of interesting his employees; the first is to treat them with consideration and courtesy while still maintaining a strict supervision of the work. The employees do not object to the strict supervision because they know that it means more efficiency, a more profitable business and more prosperity for them. His second method is to encourage them to invest in the business. Some of the employees have acquired rather large blocks of stock and consequently feel that they have direct personal interest in the success of the business.

The third method is a profit-sharing plan by which at the end of the year profits are shared with the employees. This is not a bonus plan. The objection to that plan as this manager has found is that the bonus system which gives to each employee a percentage on the amount of his or her sales, tends to encourage the workers to pay more attention to the customers who are likely to make the largest purchases. The profit sharing plan tends to encourage team work for the success of the business as a whole.

This particular manager remarked that his help works harder for him than they would for themselves. It is probably true that a small establishment cannot be judged by the same rule as a large industrial concern where many thousands of workers are employed.

However one report comes from a city of considerable size, tho not a large city by any means. In this city is one establishment employing 2,500 workers; another concern employs 1,200; another 900; another 700. These industries are 90 per cent home owned. They are operated by the owners and not by managers who have no capital interest and who are simply hired by majority stockholders who are non-residents as is so often the case. The owner managers maintain democratic relations with the operatives.

Most of the operatives own their homes. There are no unions except in the building trades. The employers have sought to be fair as to wages paid, hours of labor and rules governing operatives.

These reports simply tend to confirm the opinion I have long held which is that there is no need of industrial warfare; that the personal relationship between the manager and the employees is of first importance; that the old idea of trying to divide the world into two hostile camps is utterly wrong and productive of great evil.

Curbing the Automobile Thief

WE HAVE read with interest the discussion as to how to curb automobile theft," writes John Stephens of Russell, Kan. "Why not compel every one who has a car for sale, dealers and all, to obtain permits from county clerk before selling car to purchaser, said permit to contain description of car, engine number, and other necessary items. This description should accompany application for license tag. This would make it easy to check up and ascertain whether any car is being operated without a purchase permit. A second hand car offered for sale would have to be identified by the original permit number and description. Make it an offense punishable with a fine to operate a car without a purchase permit."

Tax Exempt Securities

WRITING from Chattanooga, Okla., G. E. Richert, sends me a clipping giving the opinion of the well known writer, Herbert Quick, on tax-exempt securities and asks me to comment on it. Mr. Quick is opposed to the taxation of securities and here are some of his reasons:

"Taxation of securities which are now tax-free is a movement from a correct principle to an incorrect one. Taxing securities will put an end to cheap money to the farmers thru the Federal Farm Loan system."

Mr. Quick goes on to say that the Farm Mortgage Bankers' Association which sells mortgages mainly to insurance companies, trust companies and savings banks in whose vaults they are very lightly taxed, are in favor of the proposed constitutional amendment taxing all securities because under it they could put the Farm Loan

System completely out of business in a short time.

"The railroads hate the motor truck and flivver and therefore are opposed to tax free road bonds, and the same is true of Wall Street. When you tax evidences of indebtedness," says Mr. Quick, "the lender simply adds the tax to his interest rates. Taxing securities will only make money scarcer and higher in this country."

Mr. Quick's reasoning is sound in my opinion. Taxing securities would not benefit the borrowers but would benefit banks and trust companies. A bank is generally taxed on its capital stock and surplus. It may buy bonds and own them but they are not listed by it for taxation. As it is certain that taxing these securities would raise the interest rate, the bank would simply be getting bonds bearing 6 or 7 per cent interest instead of 4 or 5 per cent and its taxes would be no greater than now, but its profits would be.

Personally, I believe the Government should own and operate a banking system of its own. Municipalities and properly organized farm associations should be permitted to issue bonds based on their aggregate assessed value with a safe margin between the maximum amount they could borrow and the total value of the property assessed. These bonds should not bear to exceed 3 per cent of which 1 per cent should be used to pay the expense of operation of the Government bank; 2 per cent should go to the Government in the way of revenue and, perhaps, 1 per cent should be added as an amortization fund to retire the bonds as farm loan bonds are now retired.

Our Legal Jungle

A LAWYER with the fine Irish name of Clancy, has written a book with the title of "The Law and its Sorrows" which is published by the Bentham Institute, 134 Cadillac Square, Detroit, Mich. In this volume Mr. Clancy lights on our system of jurisprudence with both feet and shows up its cumberdomness, ineffectiveness and often actual perversion of justice. Clancy is right; our law has become largely a legal

jargon which calls for a multitude of courts and a greater multitude of lawyers.

By reason of the expense of litigation the poor man has little or no show as against a rich opponent, not that the court that tries the case is necessarily corrupt, most of the judges are not corrupt, but because with the delays, continuances and appeals that the rich litigant can get under our system he can simply wear out the poor litigant.

Farmers' Service Corner

READERS of Kansas Farmer and Mail and Breeze are invited to ask questions on legal problems or on any other matter on which they desire information. This service is free. The tremendous demand for this service makes it impossible for us to print all of the answers, but every inquiry will be answered by mail.

Rural Mail Carriers' Examinations

1—Are all examinations for rural mail carriers held at the county seat? 2—Can a person go into another county as mail carrier or is he obliged to remain in the county in which he lives? H. W. D.

1—Examinations are generally, tho I do not know that they are always, held in the county seat.

2—A person must live in the county in which he wishes to serve as mail carrier, and in the neighborhood of the route he expects to take.

Selling Hog Remedy

I have discovered a sure remedy for worms in hogs. Would I be liable in any way if I were to put up this medicine and sell it, and what must I do to protect my rights? J. S.

I would suggest first that you probably had better get a patent on your formula to protect you from infringement. You would have a right to manufacture and sell this medicine in the county in which you live without paying any peddler's license. I am of the opinion also that our peddler's license law might possibly not interfere with your selling this medicine even outside your county, tho the law is not clear in that matter.

Section 6072 provides that any itinerant vendor of any drug, medicine, nostrum, ointment or appli-

ance of any kind for the treatment of any disease, injury or bodily defect, and all such itinerant vendors who publicly profess to treat or cure diseases, injury or deformity of the human body, shall pay to the county clerk a license fee. This would seem to confine the medicines to such as are intended to heal or cure diseases of the human body.

A subsequent section, however, provides that persons plying the vocation of a peddler outside the limits of an incorporated city must pay for the use of the county an annual tax of \$25. You would have a right to make this medicine and sell it where you are without paying any license, but if you peddled it outside of your own county or employed other persons to peddle it for you outside your own county, I am of the opinion you would have to pay a license fee.

Various Questions

A, B, C and D are husband and wife, child and grandparents. A makes a will bequeathing all his property to B to hold during her life time then to be divided equally between C and D. Is the will broken when part of the estate is sold which came into A's possession after making the will? A sold some of C's cattle and used the money to make a payment on land, C being of age at that time. Can C draw interest and compound interest from then until the time of B's death? M. K.

The will would apply only to such property as A. died possessed of. The mere fact that certain of the property which he owned at the time of making the will was sold prior to his death would not in any way invalidate the will. Unless there was some provision in the note or contract which C had providing for compound interest, C would not have the right to collect any more than simple interest.

Breaking a Will

In case a father disinherits one of his sons in his will can the son break the will and get possession of his share of the estate without his brothers agreeing? F. A. B.

The father would have the right to will his property as he saw fit so far as his children are concerned and unless there was some other reason for breaking the will the mere fact that he disinherited one of his sons would not be sufficient ground for breaking the will.

What Congress Did and Didn't Do

THE 67th Congress ends. Its record is history, now. Outstanding in that record two things loom large. These were its refusal to throw open the United States Treasury to special private interests and its aid to the agricultural industry of the Nation.

Agriculture, beaten to its knees by unjust discriminations and by mal-administration of war emergency policies, has been helped to regain its footing. The 67th Congress has started it on its way toward a better and, I believe, a lasting prosperity by legislation that will help the Nation's basic industry to help itself. And not one of these constructive acts may be classed as sectional or class legislation.

Interests of People Not Neglected

In passing the "Farm Bloc" measures, the Co-operative Marketing act, the Anti-Grain-Gambling act, the Packer and Stockyards Control act, the Farmer Emergency Tariff law, the act giving farmers representation on the board of the Federal Reserve Bank, the act extending to agriculture for one year the financial aid of the War Finance Corporation—with these and the Farm Credits act, embodying a complete rural credit system—Congress served the interests of all the people.

In letting the proposed Ship Subsidy law die, Congress again did its duty in the largest sense. It saved the people an estimated expenditure of between 50 and 75 million dollars a year for the next 15 years.

By enacting the Federal Budget law, this same Congress made it possible to reduce the country's tax burden 1,000 million dollars a year and to reduce the number of federal employees nearly 100,000.

But any recital of the achievements of the 67th Congress which neglects to credit the British Debt Settlement Agreement as one of its greatest accomplishments, fails to do justice to the Congress and to the Administration which successfully brought to a just and amicable conclusion this vital issue involving the good faith of nations and the economic welfare of our own people. No taint of partisan politics marred this achievement.

A Debt That Must be Paid

I regret that with the adjustment of the British debt on a basis that would insure funds with which to finance the adjusted compensation long due our World War veterans, Congress further postponed discharging the debt of honor the Nation owes them. This is not a "bonus." It is a debt of gratitude and should be paid.

The imperative need of economy to relieve the country from onerous tax burdens, led Congress to reduce appropriations 8 million dollars for the coming year. Except the rivers and harbors "pork barrel" added as a rider to the war appropriation measure, appropriations were held to the minimum. I opposed this "pork barrel" increase of 30 million dollars over the amount recom-

mended by the Federal Budget Bureau and the President, for the same reason, that as Chairman of the Senate Committee on Claims, I insisted no claim not founded on absolute justice should be given a moment's consideration. All attempts of the "Big Navy" and "Big Army" propagandists to swell appropriations were frustrated. It was for reasons of economy, to make tax burdens lighter on the people, that I opposed the Ship Subsidy measure. It was this and the fact that the subsidy principle is wrong and that the people didn't desire it, which led me to combat it.

In failing to accept Henry Ford's offer for the lease of Muscle Shoals, in my opinion, Congress erred. The country should have the benefit of the peace-time operation of this huge enterprise. Experience has proved that Government operation adds heavily to the people's tax burdens. Ford's offer, in my judgment, was fair and should have been accepted. This question must be decided by the next Congress.

The habit of calling the agricultural legislation passed by this Congress, "farmer aid" legislation, grows. "Farmer justice" legislation would be more like it. These acts tend to promote a square deal and no more for the American farmer. He is entitled to that. The Grain Trading act is to protect him from wheat pit gamblers who manipulate markets and take from him huge profits that should be his.

Protection for the Farmers

Putting a "dirt farmer" on the Federal Reserve Banking Board, made possible by efforts of the "Farm Bloc" in the 67th Congress, insures the American farmer against the ruinous discrimination from which he suffered during the "deflation period" of 1919 and 1920, when the arbitrary ruling of Reserve Board restricted farm credit and forced the banks in farming areas to pay "progressive discount rates."

By reviving the War Finance Corporation, the 67th Congress offered agriculture and livestock producers a reservoir of credit amounting to 1,000 million dollars without which the effects of the arbitrary "deflation" policy of the Federal Reserve Bank would have had far more disastrous results. The money advanced by the War Finance Corporation saved the situation, and in some degree at least, softened the blow.

With Secretary Wallace warning Armour and Morris that their proposed merger is in violation of the law, we shall soon see the Packer and Stockyards Control act passed by the 67th Congress, fully tested. It is intended to protect producer and consumer from a monopolistic control of the Nation's meat supply, and higher costs to the consumer and lower prices to the producer.

The Co-operative Marketing act gives associations of farmers and producers a clear legal right to co-operate in selling their products.

The creation of two new banking systems to serve the farmer's need for productive credit, is the purpose of the Farm Credits act passed during the last hours of the session. This act com-

bines the major features of the Capper bill and the Lenroot-Anderson bill, both of which passed the Senate without opposition. These bills do not conflict. One supplements the other to form a complete system of credit which will assure the farmer and livestock producer as ample credit resources as business men enjoy. The credit system created by the act provides both Governmental and private banking machinery to afford credits for production, and is hailed by farm leaders as a great constructive achievement in behalf of agriculture.

New Federal Banking System

The new Federal Banking System created by this Rural Credit act consists of 12 intermediate credit banks situated in the same cities as the Federal Farm Loan Banks. Each will have a capital of 5 million dollars. They are authorized to issue bonds to a total of 600 million dollars, giving them aggregate resources of 660 million dollars.

The private co-operative credit corporations, authorized by the bill, are required to have a capital of not less than 1/4 million dollars apiece. Their number is not limited. These organizations will make advances to producers of livestock on three year long-term paper. Private rediscount corporations having a capital stock of not less than 1 million dollars apiece also are provided for.

The Rural Credit act extends the life and activities of the War Finance Corporation until next January 31 by which time it is assumed the new National Farm Credit Systems will be in operation.

The Truth-in-Fabrics bill was caught in the legislative jam incident to the long subsidy debate. It will be presented to the next Congress and a strong effort made to pass it.

The 67th Congress wisely refused to pass the sales tax. It would have shifted still more of the burdens of taxation to the people. But it failed to take action on tax-dodging stock dividends, and its adjournment finds the country still without relief from the injustice of tax-exempt securities. These questions will be live issues in the next Congress.

Transportation Problem Serious

The next session not only must consider the transportation question, but must find a solution for it in the interest of the whole people. In my opinion this will be the big question before the 68th Congress. My efforts to obtain the passage of my bill repealing Section 15-a, the guaranty rate-making provision of the Transportation act, were unavailing. It will be reintroduced in the next Congress and be pressed to a conclusion.

Such, in brief, are the achievements and the mistakes and failures of the four sessions of the 67th Congress. Appraisal of its accomplishments in comparison with its failures nets an excellent balance of genuine constructive achievement in its favor.

Arthur Capper

Washington, D. C.

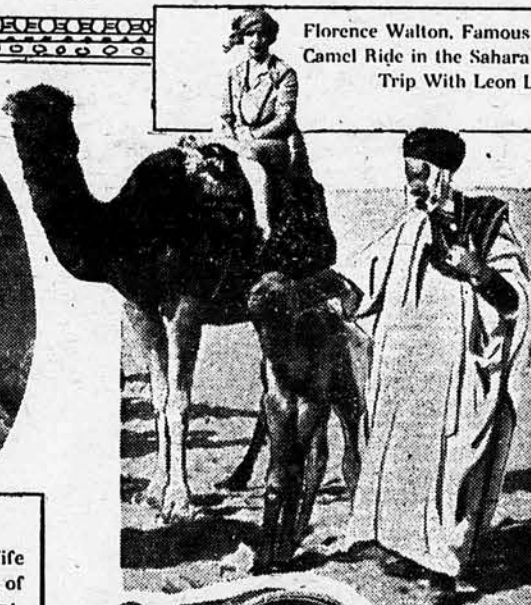
News of the World in Pictures



Small Wooden Statue of Queen Nefentiti, the Nagging Mother-in-law of King Tutenkhamen Whom She is Said to Have Driven to an Early Grave; This Statue Which Has Just Been Received by the Carnegie Museum in Pittsburgh Was Found at Tellelamarna



Mrs. James F. Byrnes, Wife of Representative Byrnes of South Carolina, Was Recently Elected President of the Congressional Club, an Organization Composed Entirely of Wives of Congressmen; She is the Third Southern Woman to be Thus Honored



Florence Walton, Famous American Dancer, Taking a Camel Ride in the Sahara Desert on Her Honeymoon Trip With Leon Leitrin, Her Husband



A Back View of the Head of Queen Nefentiti



Leroy McKinney of Cincinnati, Enjoying His First Breakfast With His Wife After Being Released From the Ohio Penitentiary Where He Had Been Imprisoned Wrongly for a Crime Committed by Another Man

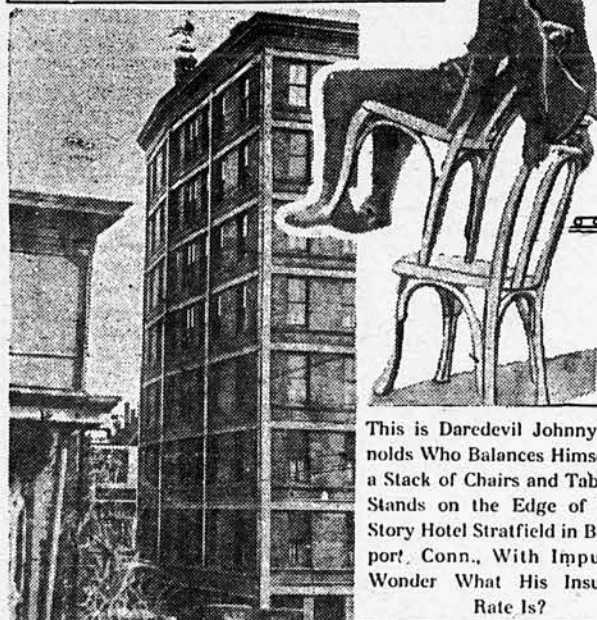
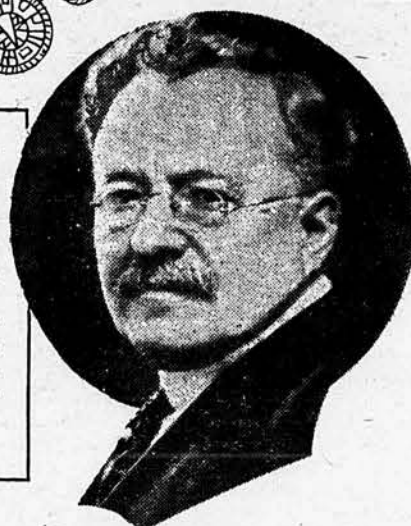


This Photo Recently Received From Havana Shows Senor Dr. Alfredo Zayas, President of Cuba, With His Wife, Senora Zayas, on the Balcony of the Cuban "White House"

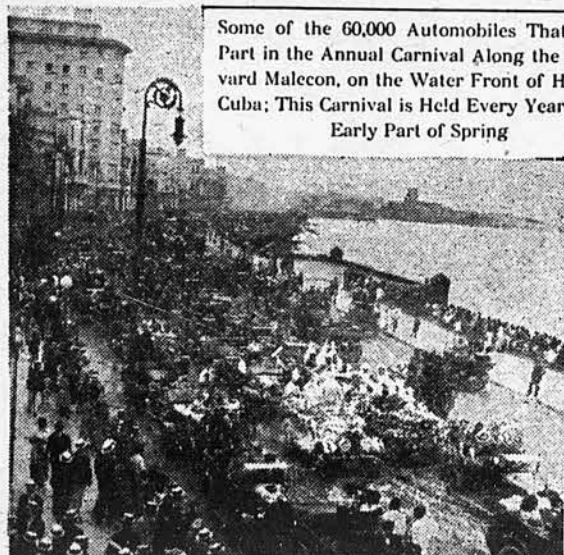


The Accompanying Illustrations Show a Pack of U. S. Grade No. 1 Cucumbers, and What is Known as a "Farm Pack"; Obviously the Graded Cucumbers Sold at the Highest Price and Brought the Shipper a Profit

Representative Horace Mann Townner of Iowa Recently Appointed Governor of Porto Rico by President Harding to Succeed E. Mont Reily; He Has Been a Member of Congress for 12 Years and for the Last Four Years Has Served as Chairman of the House Committee on Our Insular Affairs



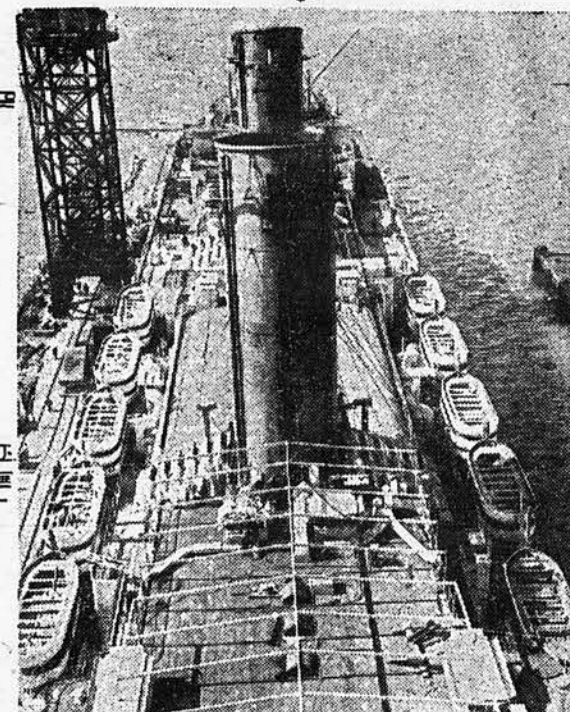
This is Daredevil Johnny Reynolds Who Balances Himself on a Stack of Chairs and Tables or Stands on the Edge of Eight Story Hotel Stratfield in Bridgeport, Conn., With Impunity; Wonder What His Insurance Rate Is?



Some of the 60,000 Automobiles That Took Part in the Annual Carnival Along the Boulevard Malecon, on the Water Front of Havana, Cuba; This Carnival is Held Every Year in the Early Part of Spring



Major General James G. Harbord, President of the Radio Corporation of America and Former Chief of Staff of the United States Army; He Was the Commander of the Marines at Chateau Thierry and Later Chief of the Service of Supplies; He is a Graduate of the Kansas State Agricultural College



Boat Deck of the S. S. Leviathan Now Being Repaired at a Cost of 10 Million Dollars at Newport News; It is the World's Second Largest Merchant Vessel and the Job is Now 85 Per Cent Complete



Sixteen Pupils of the Davidson County Central High School at Nashville, Tenn., and a Carload of Hereford Cattle Which They Judged in a Recent Contest

Young Steers Set Pace On Flint Hill Grass

By John R. Lenray

YOUNG steers make a larger proportionate gain during the grazing season than aged steers on the same amount of feed and the profit is decidedly larger.

For two years in the Flint Hill region in Chase county detailed studies of beef production on grass have been under way. In 1921 the studies, carried on by representatives of the United States Department of Agriculture and the Kansas State Agricultural College, included 8,300 steers which ranged on 40,000 acres of grass land.

Last year 9,230 steers, grazed on 56 pastures with an area of 45,200 acres, were carefully observed and a complete record kept. Homer J. Henney, with headquarters at Cottonwood Falls, has been in charge of this work. More than 30 cattlemen have co-operated in the study.

Records of two years show that the advantage rests with young stuff, thin and half fat yearlings, and 2-year-olds, in the matter of making profitable gains.

Aside from production costs the figures show that with the exception of thin aged cattle every class of steers kept on grass in 1922 returned a profit, while in 1921 thin and half fat yearlings alone yielded a margin above cost of feeding and marketing. The beef business apparently is coming back, not spectacularly but in a solid sort of way.

The biggest profit made in 1922, according to these records, was \$11.49 a head on half fat yearlings, compared with \$7.01 on the same class in 1921. Thin aged steers were fed at a loss of \$1.70, half fat aged cattle at a profit of \$9.25; thin 2-year-olds at a profit of 26 cents, half fat 2-year-olds at a profit of \$8.70 a head.

Thin yearlings, half fat 2-year-olds and thin aged steers set the pace in acre gains.

Thin aged steers and half fat 2-year-olds tied for largest acre gains, both averaging 70 pounds. Half fat yearlings gained 64 pounds an acre, thin 2-year-olds gained 59 pounds and half fat aged steers were at the bottom with a 35-pound gain. In 1921, thin yearlings set a high mark with 81

pounds. No thin yearlings were studied last year. In 1921 fat aged steers showed the lowest acre-gain which was 30 pounds.

In the matter of daily gains thin aged steers have the best record with an average for the two years of 2.06 pounds a head. Half fat 2-year-olds placed second with an average of 1.63 pounds; half fat yearlings, third, with 1.5 pounds; thin yearlings, fourth, with 1.2 pounds; half fat aged steers fifth, with 1.4 pounds and fat aged lowest, with a gain of 1.14 pounds.

But while thin aged steers made the largest average daily gains the cost of those gains, with one exception, is the highest of any class studied, 10.4 cents a day. One factor influencing this high cost last year was a heavy death rate among thin aged steers. The amount of man labor required to handle them and higher marketing costs also played their part. Fat aged steers, for 1921 records only, showed a daily cost of 12.5 cents. These steers require much more care than other classes, go over more grass in feeding, and the cost of marketing is higher.

The lowest daily production cost was shown by half fat yearlings which averaged 4.2 cents a head for an average gain of 1.5 pounds or 2.8 cents a pound of gain. Half fat 2-year-olds averaged 6.5 cents, thin 2-year-olds, 6.9 cents and half fat aged steers, 9.7 cents a day.

While the production cost a head for the season on half fat yearlings and thin yearlings is low in comparison with other classifications, and the average acre gain is high, the price received also is high. Half fat yearlings in 1922 brought \$7.60, being exceeded only by half fat aged steers which sold at \$8.24. But in the case of the half fat aged steers the production cost was 10.1 cents a day as compared to 5 cents a day for the half fat yearlings. While the half fat aged steers were gaining 204 pounds in the grazing season, the half fat yearlings piled up a total of 258 pounds.

Thin aged steers sold at \$6.65, thin 2-year-olds at \$6.44 and half fat 2-year-olds at \$6.89.

One of the important things the study revealed, a fact probably well known to steer men but not generally, is that grass fattened cattle as a rule can be sold for considerably less a hundred pounds than they cost before going into the pasture, and the operator still can make a profit on the enterprise. There are two important reasons for this; one that the cattle usually put on a large gain and the second, dependent somewhat on the first, that the cost a pound of gain is low and the total production cost is less than the increased value of the steer due to the gain produced.

This study in production costs is being continued and will go on for at least another year, perhaps longer. Much information is being obtained in regard to pasture management, economics that may be made by the use of various methods of grazing and information as to the number of steers a given area of grass will carry to the best advantage.

Better Days at Hand Kansas Farmers' View

BY F. B. NICHOLS

I FIND that in the last two months many of the thoughtful farmers, real students of their business, are taking a much more hopeful view of the future. They feel that 1923 will be the best year since 1919, if the yields are reasonably good. Perhaps they may be wrong, but it is at least encouraging to find some men who are looking on the brighter side of things.

There is a feeling that the relative levels of the prices for agricultural produce and of the things a farmer must buy will get more nearly into line by fall. Certainly we have seen some hopeful tendencies in that direction in the last six months. There is a good way for them to go yet, but every little bit helps.

Without doubt there also is some indication of an improvement in things from a production viewpoint. There probably is more of an interest in diversified farming in Kansas now than in any past era. And it is about time! When one or two principal grain crops are grown, a producer certainly is open to attack when a depression comes. If, on the other hand, he has poultry, dairy products, hogs (Continued on Page 12)

Missed a 10-Million Profit

Small Change in Distribution of Acreage Among Three Important Crops in 1922 Would Have Made Big Difference to Kansas Farmers

By Ray Yarnell

ONE important field crop that netted a profit in 1922 in Kansas was grown on fewer acres than any other. Another crop, which netted a material loss, was grown on more acres than any other. A third crop, also sold at a loss, occupied the second largest acreage.

Alfalfa was produced on 910,631 acres in Kansas last year at an estimated cost of \$7.81 a ton. The grower received an average of \$10 a ton for the hay.

Wheat cost \$1.36 a bushel delivered at the elevator, a survey indicates. It was grown on 9,587,825 acres. The producer got from 85 cents to \$1.20 a bushel.

Corn Production Cost in 1922

Corn, grown on 5,055,989 acres in 1922, was harvested at an estimated cost of 69 cents a bushel. Farm prices of corn ranged from 50 to 75 cents.

Those facts demand consideration at any time but particularly today when the business of farming is beset by many difficulties and the task of making it profitable requires not only patience but the most efficient sort of management.

Kansas produces more wheat than any other state. It is a distinction that citizens have been proud to admit and some to boast about. Every year a surplus must be sold. Economists say the surplus eventually determines the price at which

a crop sells. And the price the surplus brings depends on many factors, including the size of the exportable surplus, the demand that exists for it and the ability of the prospective consumer to buy.

It would be interesting to know to what extent Kansas wheat production has, by contributing to the exportable surplus, affected the price at which wheat has sold during the last decade. Isn't it possible that Kansas' distinction of being the biggest wheat state in the Union, has been costly to the farmers who grew this grain?

Kansas had 9½ million acres of wheat last year and investigations show that it cost more to produce this crop than the grower got when he sold!

Kansas is growing corn in direct competition with states that can produce it more abundantly and at a lower cost. The acre yield of corn in Kansas for many years has been declining. In 1922, in the best corn territory in Kansas, a survey showed that it was produced at a small loss.

On less than a million acres last year Kansas farmers harvested a crop that yielded a profit, not a big one, it is true, but still a margin above cost of production. The profit was increased where alfalfa was fed to livestock.

It is estimated that 8 million acres in Kansas

could produce alfalfa at a profit. Seven-eighths of that area today is producing crops, mostly wheat and corn, which yield little if any profit or entail an actual loss, and only 1 million acres are planted to alfalfa.

Alfalfa has been grown in Kansas on 1½ million acres. During the war wheat drove it from many fields because wheat promised easy money.

No reason, except indifference to facts and opportunity, exists why this crop, one of the best known feeds for livestock and at the same time a soil-builder, should not be produced on at least 3 million acres in the state.

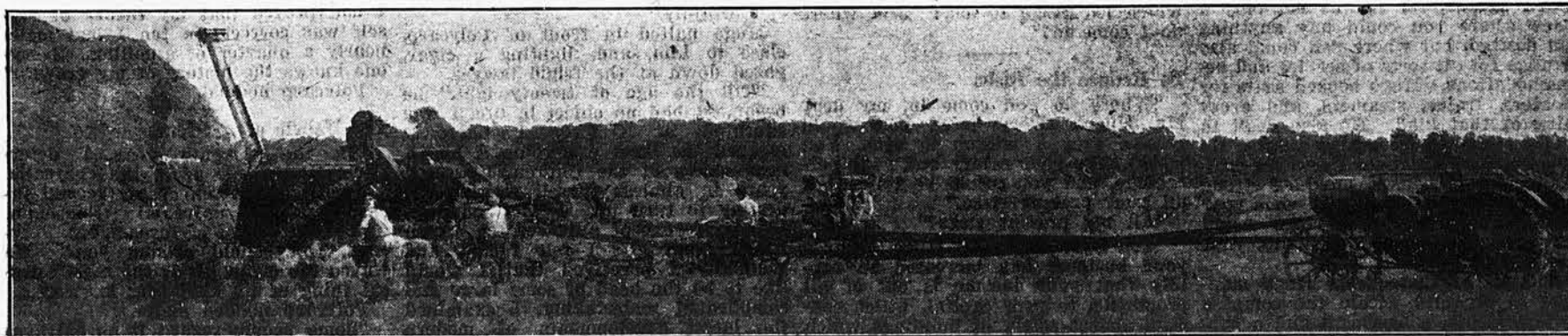
Alfalfa Would Have Increased Profits

Suppose Kansas farmers had harvested 3 million acres of alfalfa in 1922, cutting a million acres off the wheat area and a million from the corn acreage. What would the result have been?

The profit, above cost of production, on alfalfa is figured at \$2.19 a ton, based on studies of actual farms. On 2 million acres the profit would have been \$10,950,000.

Here is what actually happened. The acreage that should have produced alfalfa was planted to wheat and corn. On the million acres in wheat the loss, reduced to averages, may be estimated at \$140,000. On a similar area in corn the loss is estimated at \$70,000. The total was \$210,000.

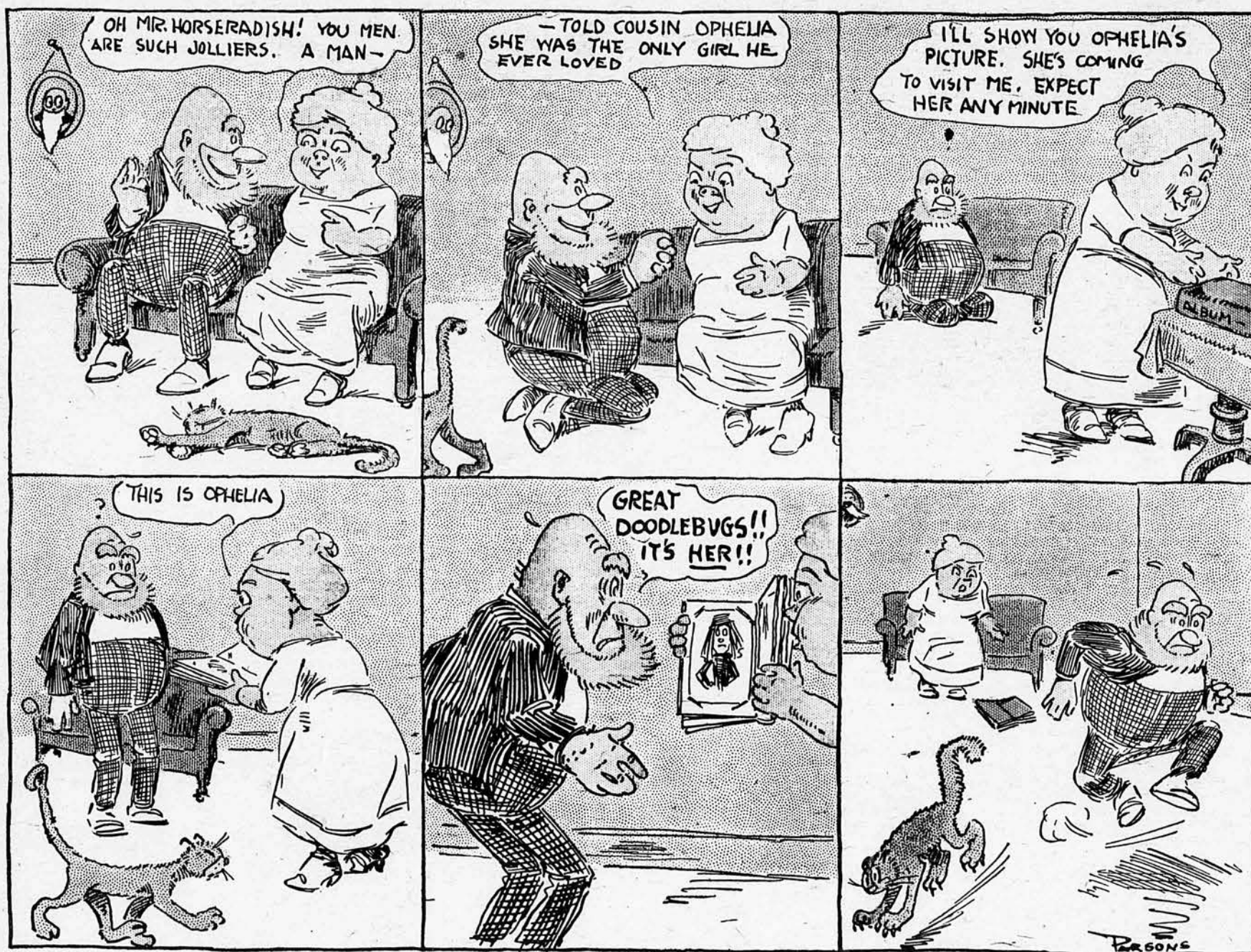
(For Continuation Turn to Page 14)



Investigations in Kansas in 1922 Revealed That Wheat Delivered at the Elevator Cost the Farmer \$1.36 a Bushel and That He Received from 85 Cents to \$1.20 For It. Alfalfa, However, Was Produced at a Profit of \$2.19 a Ton. Alfalfa is Grown on a Million Acres But Could be Grown on 5 Million Acres

The Adventures of the Hoovers

To be Sure, Ophelia is a Sweet and Classic Name, Yet What a Terrible Nightmare It Always Seems to Cousin Harry Horseradish



Hugo Falls in Love—By Arnold Bennett

A Story of the Glamor and Intrigue of Modern Business Life

(Copyright by F. M. Buckles & Company)

HUGO, the hero of our story, is the owner of a large department store on Sloane Street in London that he built up after having visited leading cities of America, as well as Paris, and other places in Europe in search of ideas and suggestions for the establishment of one of the best equipped shops in the world. Among the institutions visited were the Wanamakers, the Bon Marche, and Magasins du Louvre, but so far as these were concerned, the results proved disappointing.

However, despite this fact, Hugo and his architect contrived with four frontages of land exceeding a quarter of a mile to build on Sloane Street in London the finest department store in the world. It was far more than a universal bazaar, for it was not only a place where you could buy anything you desired, but where you could also arrange for all sorts of service and accommodations. Hugo booked seats for theaters, trains, steamers, and every thing of that kind. He also dealt in bonds, stocks and company shares. He even acted as agent for insurance companies, rented houses, provided strong boxes for your savings, and when your round of life was over Hugo would bury you in a manner befitting your station in life.

And all of these feats Hugo managed to organize within the compass of four floors, a basement and a sub-basement. Above were five floors of furnished and unfurnished flats that never were tenantless. He himself

lived in the dome. And as might be supposed the owner was interested in every division of his wonderful shop, but Department 42 and one of its fair occupants seem to have more than ordinary interest for him, so much so that he wondered if he were falling in love. While engaged in this pleasant reverie, Simon Sloane, his attendant, announced that Polycarp, the lawyer, desired to see him in the interest of certain clients who desired to purchase the Hugo establishment, but on such terms as would insure them a profit which led Hugo to ask: "And where do I come in?"

To Reduce the Risks

"Where do you come in, my dear Mr. Hugo? Everywhere! You would receive over a million in cash. You would have your salary and your percentage, and you would be relieved of all your present risks."

"All my present risks?" "You have risks, Mr. Hugo, because your business has increased so rapidly that your income is out of all proportion to your capital, which consists almost solely of buildings which you could not sell at anything like their cost price in open market, and of good will.

"Now, I ask you, what is good will? What is it? Under our scheme you would at once become a millionaire in actual fact."

"Decidedly an inviting prospect," said Hugo. He walked about the room.

"Then I may take it that you are at any rate prepared to negotiate?" the lawyer ventured, staring at the fountain.

"Mr. Polycarp," answered Hugo, "I must first give you a little information and ask you a few questions."

"Certainly."

Hugo halted in front of Polycarp, close to him, and, lighting a cigar, gazed down at the frigid lawyer.

"Till the age of twenty-eight," he began, "I had no object in life. I was educated at Oxford. I narrowly escaped the legal profession. I had a near shave of the Church. I wasted years in aimless travel, waiting for destiny to turn up. I was conscious of no gift except a power for organizing. That gift I felt I had, and gradually I perceived that I would like to be the head of some large and complicated undertaking. I examined the latest developments of modern existence, and came to the conclusion that the direction of a thoroly up-to-date store would amuse me as well

as anything. So I bought this concern—a flourishing little drapery and furnishing business it was then. I had exactly fifty thousand pounds—not a cent more. I paid twenty-five thousand for the business. It was too much, but when an idea takes me it takes me. I required a fine-sounding name, and I chose Hugo. It was an inspiration."

"Then Hugo is not your—"

"It is not. My real name is Owen. But think of 'Owen' on a flag, and then think of 'Hugo' on a flag."

"Exactly."

"I began. And because I had everything to learn I lost money at first. I took lessons in my own shop, and the course cost me a hundred a week for some months. But in two years I had proved that my theory of myself was correct. In ten I had made nearly a quarter of a million. Everyone knows the history of my growth."

Polycarp nodded.

The Fabric of a Dream

"In the eleventh year I determined to emerge from the chrysalis. I dreamed a dream of my second incarnation as universal tradesman. And the fabric of my dream, Mr. Polycarp, you behold around you." He waved the cigar. "It is the most colossal thing of its kind ever known."

Polycarp nodded again.

"Some people regard it as extravagant. It is. It is meant to be. Hugo's store is only my fun, my device for amusing myself. We have glorious

times here, I and my ten managers—my Council of Ten. They know me; I know them. They are well paid; they are artists. A trade spirit must, of course, actuate a trade concern; but above that, controlling that, is another spirit—the spirit which has made this undoubtedly the greatest shop in the world. I cannot describe it, but it exists. All my managers, and even many of the rank and file, feel it."

"Very interesting," said the lawyer. "Mr. Polycarp," Hugo announced solemnly, "the direction of this establishment is my life. In the midst of this lovely and interesting organism I enjoy every hour of the day. What else can I want?"

Polycarp raised his eyebrows.

"Do you suppose it would add to my fun to have a million in the bank—I, with an income of two thousand a week? Do you suppose I should find it diverting to be at the beck and call of a board of directors—I, the supreme fount of authority? Do you suppose it would be my delight to consider eternally the interests of a pack of shareholders—I, who consider nothing but my fancy? And, finally, do you suppose it would amuse me, Hugo, to have 'limited' put after my name? Me, limited?"

"Then," said the lawyer slowly, "I am to understand you are not willing—"

"My friend," Hugo replied, dropping into his chair, "I would sooner see the whole blessed place fall like the Bastille than see it 'limited'."

Polycarp rose in his turn.

"My clients," he remarked in a peculiar tone, "had set their minds on this affair."

"For once in a way your clients will be disappointed," said Hugo.

"What do you mean—for once in a way?"

"Who are your clients, Mr. Polycarp?"

"Since the offer is rejected, it would be useless to divulge their names."

Louis Ravengar, Client

"I will tell you, then," said Hugo. "Your client—for there is only one—is Louis Ravengar. I saw it stated in a paper the other day that Louis Ravengar had successfully floated thirty-nine companies with a total capitalization of thirty millions. But my scalp will not be added to his collection."

"I shall not disclose the identity of my clients," Mr. Polycarp minced. "But, speaking of Mr. Ravengar, I have noticed that what he wants he

gets. The manner in which the United Coal Company, Limited, was brought to flotation by him in the teeth of the opposition of the proprietors was really most interesting."

"You mean to warn me that there are ways of compelling a private concern to become public and joint-stock?"

"Not at all, Mr. Hugo. I am incapable of such a hint. I am sure that nothing and nobody could force you against your will. I was only mentioning the case of the Coal Company. I could mention others."

"Don't trouble, my dear sir. Convey my decision to Louis Ravengar, and give him my compliments. We are old acquaintances."

"You are?" The solicitor seemed astonished in his imperturbable way. "We are."

"I will convey your decision to my clients."

Accepting a cigar, Mr. Polycarp departed.

Without giving himself time to think, Hugo went straight to Department 42, and direct to the artist in hats. She stood pale and deferential to receive him. The heat was worse than ever.

"Your name is Payne, I think?" he began. (He well knew her name was Payne.)

"Yes, sir."

Hugo Closes the Shop

Other employees in the trying-on room looked furtively round.

"About half-past eleven an old gentleman, with white moustache, came into this room, Miss Payne. You remember?"

"Yes, sir."

"What did he want?"

"He was inquiring about a hat, sir," she hurriedly answered.

"For a lady?"

"Yes, sir."

"Thank you."

And he hastened back to his central office, and breathed a sigh. "I have actually spoken to her," he murmured. "How charming her voice is!"

But Miss Payne's physical condition desolated him. If she was so obviously exhausted at 12:30, what would she be like at the day's end?

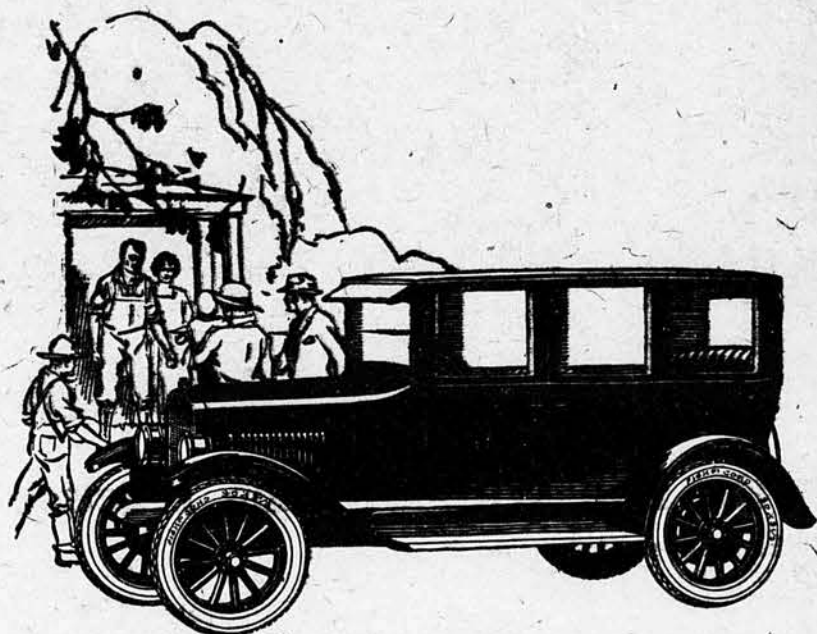
"I've got it!" he cried.

He seized a pen and wrote: "Notice.—The public are respectfully informed that this establishment will close today at two o'clock."

He rang a bell, and a messenger appeared.

"Take this to the printing-office in—"

(Continued on Page 14)



Satisfaction's Lowest Price

IT IS our conviction that the New Overland provides comfortable, reliable, trouble-free satisfactory motoring at the lowest cost for which such motoring can be had.

The Triplex Springs (Patented) absorb shock and side-sway. The Overland motor returns twenty-five miles and more to the gallon of gasoline. Timken and New Departure bearings are liberally used in front and rear axles. And the good looks of the New Overland commend it everywhere. The hood is higher. The lines are longer. The seats are lower.

Drive the New Overland and realize the difference.

WILLYS-OVERLAND, Inc., Toledo, Ohio

WILLYS-OVERLAND Ltd., Toronto, Ont.

The New

Overland
Sedan \$860

TOURING, \$525

: ROADSTER, \$525

: COUPE, \$795

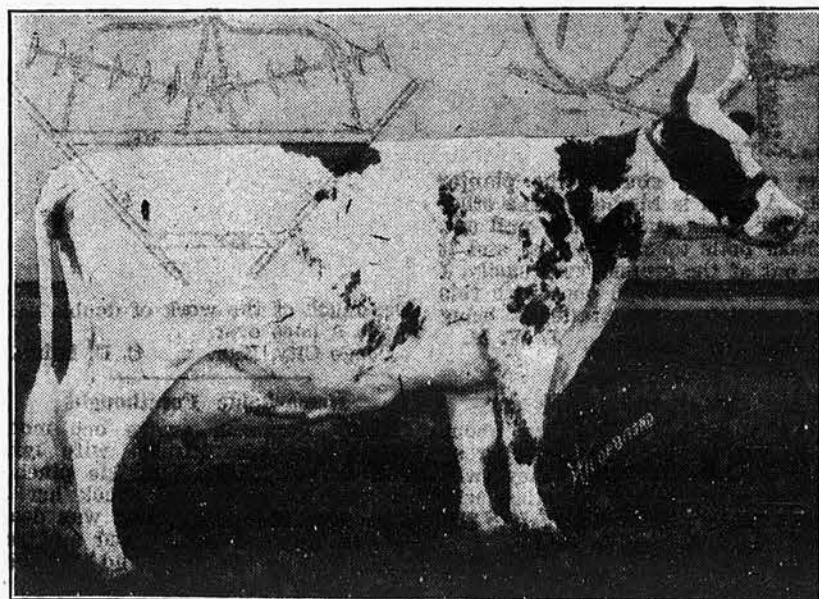
All prices f. o. b. Toledo

Vitality and Better Breeding

BY T. W. MORSE

THE super-vitality generated by good breeding as shown by the productive powers and persistent usefulness of high class registered farm animals, has been again emphasized in dairy cattle, this time by an Ayrshire.

Starting on her first test for advanced registry at 12 years and 223 days, Harperland Spicy Lass, pictured herewith, made 17,130 pounds milk and 718.77 butter. Stepping on from this late start, she made, in her 13th year, 20,592.2 pounds milk and 866.21 pounds fat. While this is the record for her breed for all cows that began testing after they were 10 years old, it is not nearly so important as her combined performance as a breeder and a milker. In a period of 26 months, recently ended, Harperland Spicy Lass gave birth to three good heifer calves in three freshenings and produced 37,722 pounds of milk and 1,585 pounds of fat. The idea that purebreds lack vitality always was a myth.





All the Fun Without Long Practice!

All the fun of playing the music *you* want—all the fun of playing it *well*—without hours of practice.

Thousands are doing it! They'll tell you how easy it is. And those are the homes where there is real fun on tap, *always!*

But that isn't all! No sir. It's *good* music you play. Play it any way that appeals to you. Fast, slow, loud, soft—a sharply accented note here—a quick riot of melody there—you can do *anything* on a Gulbransen—and do it *easily*.

You learn quickly. So do your children. Instruction Rolls make it easy. You'll find yourself singing, too. The words of the songs are on the rolls. Oh, it's *fun*, all right! See your Gulbransen dealer today. Don't put off this means of real enjoyment.

GULBRANSEN-DICKINSON
COMPANY, Chicago
Canadian Distributors:
Mutual Sales Service, Ltd.
79 Wellington St. W., Toronto

© 1923 G-D Co



Send This Baby for a Baby
The New Book of Gulbransen Music. Free
CHECK COMPOUND
Check here if you do not own a piano
Check here if you are interested in having
a piano installed in your home.
Write name and address in margin.
Mail to Gulbransen-Dickinson Co.,
3220 W. Chicago Avenue, Chicago, Ill.

GULBRANSEN The Player-Piano

Prevent Blackleg
By using
Blackleg Aggressin
NATURAL GERM-FREE VACCINE
OR
Blackleg Filtrate
CULTURAL GERM-FREE VACCINE

Scientifically Prepared and Tested
Consult your veterinarian or druggist.
Write for booklet on blackleg prevention.
Animal Industry Department
OF
PARKE, DAVIS & CO.,
DETROIT, MICH.

Capper Engraving
WRITE for
PRICES ON
CATALOGS &
LETTERHEADS
ARTISTS
ENGRAVERS
DEPT-M
TOPEKA-WICHITA

When writing our advertisers mention
Kansas Farmer and Mail and Breeze.

Agents Wanted Everywhere
SUPREME GASOLINE SAVER
FOR FORD CARS AND TRUCKS
Just out. It's new, different; it returns
the exhaust gas over again. We guaran-
tee to make any Ford car run 50% more
miles on the gallon. The price is in reach
of every Ford owner, \$5.50.
AGENTS WANTED—You Can Make \$100
to \$150 a week. Send \$3.00 for your sample
and my selling plan and convince your-
self. 5000 satisfied owners in last 90 days.
Youngblood Mfg. & Sales Co., Atwood, Kan.

The Jayhawk STACKER
"Have used a Jayhawk 14 years—
stacks when others stop account of
wind"—writes John Shaffer, Bosler, Wyo-
ming. Write NOW for new catalog and
reduced prices. 15,000 in use. Established 20 years.
F. WYATT MFG. CO.
201 5th Street Salina, Kansas

Buy your roofing direct from us
CORRUGATED ROOFING AT WHOLESALE
Save yourself 20% to 30% on
corrugated roofing and siding. We
not only sell cheaper, but furnish
heavier steel than ordinary and figure
measurement after corrosion,
which means 10 per cent to 15
per cent more roofing per square.
Free sample
Send for sample of heavy gauged steel used
and for low price per square. We can make
immediate shipment from our large stock,
all standard lengths and widths. We also
furnish other steel for farm building work.
WRITE TODAY
New Monarch Mach. & Stamp. Co.,
424 S.W. 9th St., Des Moines, Ia.

Some Handy Farm Devices

Many Useful and Valuable Articles Can be Made
by Anyone Who Can Use a Saw and Hammer

READERS of the Kansas Farmer and Mail and Breeze are requested to send us rough pencil sketches or drawings of useful articles that can be made by any person who knows how to handle a saw and hammer.

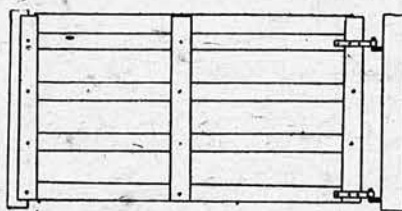
We will pay for all suggestions for devices that we accept and publish.

Strong Farm Gates

I am sending you a sketch of a gate which we have used on our farm for many years. We have them at all the points in our fence lines where gates are required.

The supports are placed on both sides of the gate bars proper which makes the supports doubly strong. Carriage bolts are used to fasten the bars to the supports and the piece of barbed wire across the top prevents the outer end of the gate from sagging.

The irons are also bolted thru the



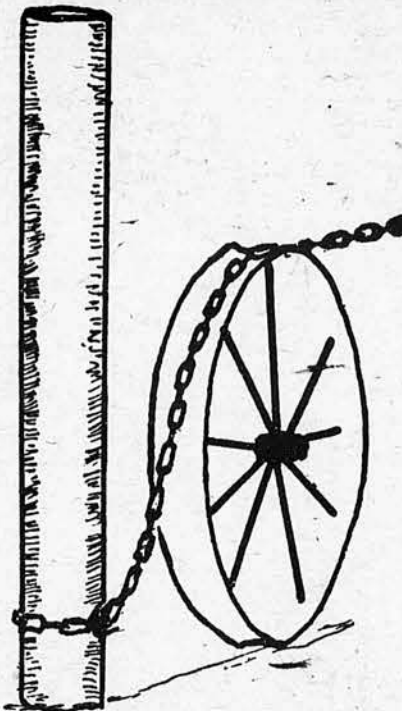
lumber—and can be made at any blacksmith shop. They hold the gate securely in place at all times and act as very fine hinges. The brackets should be made extra strong as they carry the entire weight of the gate. They should pass nearly thru a stout end post.

M. Z. Chambers.

This Pulls the Posts

If you have an old corn planter wheel lying about the place it can be put to some better use than to be left on the ground to rust. I have used an old planter wheel for several years for pulling up fence posts when building a new line fence or moving an old one to some other location.

A log chain is fastened around the post close to the ground and the chain



is run over the rim of the planter wheel. A team is hitched to the other end of the chain and as they pull out, the chain pulls up on the post and it comes out of the ground very easily. I have pulled some tough ones with this device and it has never failed to bring them up.

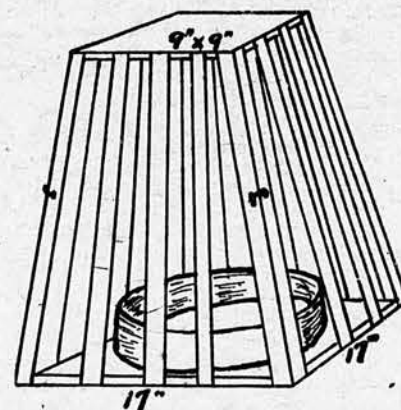
Concordia, Kan.

Water Trough or Mash Feeder

One of the objectionable things about an open tray or pan for watering or feeding chickens is that they will either knock it over or else they will scratch a lot of dirt and filth into the pan and ruin the water or feed.

A few plastering laths and some short boards will provide all the material required to make the crate shown in the accompanying illustration and if

this is raised off the ground slightly, it is impossible for the chickens to scratch any litter into the pan, and if



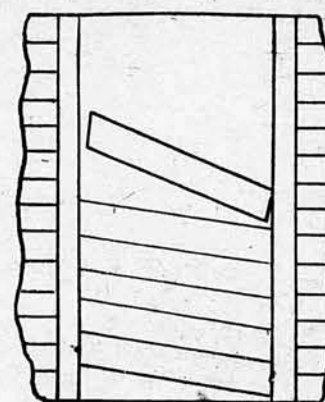
the laths are properly spaced it is impossible for a hen to get her head caught.

These crates may be made in sections and used for penning an old hen with young chickens. The little chicks can pass in and out freely but the old hen must stay inside.

Henry L. Traver.

Handy Grain Bin Slats

The average grain bin is equipped with a door made in sections of boards



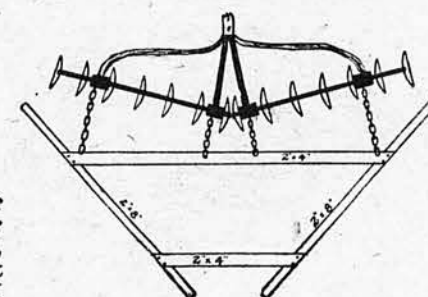
which are slipped down into place. If these are cut straight or square across the ends, the boards must be run all the way to the top of the groove before they can be removed.

If cut on the bias as shown in the illustration, the slats can be removed without raising them all at once and they serve the purpose just as well. The bottom board must be ripped diagonally, and the others cut at a bevel at each end as shown.

Hudson, Kan.

Attachment for Disk Harrow

This device is designed to follow a disk harrow when single disking ground. It can be weighted down according to the condition of the ground and the amount of soil that is to be drawn back. It levels off the little ridges which always occur when ground is single disked, and it practically eliminates one trip over the ground, as it



does much of the work of double disking in a once over.

Dodge City, Kan. C. E. Brink.

Remarkable Forethought

Sandy Ferguson awoke one morning to find his faithful wife lying dead in bed beside him. He pinched her once or twice and shook her to make sure that she really was dead. He then jumped out of bed and ran to the head of the stairs and in a loud voice called down to the cook, "Margaret, you need boil only one egg this morning."

The Draft Horse in Kansas

The Sunflower State Has More Purebred Horses Now Than Any One of 41 Other States

BY I. D. GRAHAM

KANSAS first became a millionaire in horses about 1911 and the average number of horses on the farms of the state for the last 10 years has been 1,039,887, or a horse apiece for the farmer and every member of his family, despite everything that Henry Ford could do.

While it is not necessary to state that Kansas began business only 62 years ago it is interesting to remember that this state never would have made its wonderful progress in settlement and in agriculture without the horse and it is also interesting to know that there are now only three other states which have more horses than Kansas, and but two which have more purebred Percherons.

From Uncle Sam's figures we also learn that this state has more purebred horses of all breeds than have 41 other states and also a larger ratio of purebreds to the total number of horses than have 41 other states.

According to the United States Census the value of the horseflesh in this state was \$84,883,872, which was exceeded by that of only two other states and these two, Iowa and Illinois, happen to be the only ones having more purebred Percherons than Kansas.

Kansas Kings of the Turf

Kentucky, which has long had a reputation for good horseflesh and which has a slightly larger percentage of purebreds than Kansas, is far below this state in the total value of horses, as the value of Kansas horses is 225 per cent greater than that of Kentucky.

Kentucky is the traditional home of the Standardbred and the Thoroughbred and yet Kansas has produced a goodly number of Kings of the Turf. Robert McGregor, 2:17½; Myron McHenry, 2:15¼; Joe Patchen, 2:01¼, who was the sire of Dan Patch; and John R. Gentry, 2:00¼ were all born in Kansas.

While Kansas conditions of abundant feed, unrivalled pasturage, pure air and water with short and mild winters, have contributed to the growth and development of these and other speed kings, the farmers of this state have pinned their faith to the draft type as being the most useful and profitable, but despite this fact, Kansas stands fifth among the states in Standardbreds and eleventh in Thoroughbreds.

In addition to ranking third among the states in number of purebred Percherons, with more than 6,000 head, Kansas ranks first in French Draft; first in German Coach, 11th in Shires, 11th in Belgians and 18th in Clydesdales, and is behind but 10 other states in number of American saddlers.

The rank of the state in these various breeds is mentioned because of the current belief that the horse is threatened with extinction by mechanical power both on the road and in the field.

States That Lead in Horses

Approximately two-thirds of the horses and mules of the United States are produced in the following 10 states: Ohio, Indiana, Illinois, Iowa, Missouri, Kansas, Oklahoma, North Dakota and South Dakota, and there is excellent authority for saying that from one-third to one-half of the counties in the principal horse producing states will have no surplus for sale while the great horse markets of the country, which center in the group of Northeastern states and those south of the Ohio River, are now clamoring for the needed horses which they must import within a short time.

It is stated that the Northeastern group of states will have to import from 2 to 30 carloads of horses a county between now and the first of April while the number needed in the states south of the Ohio is greater and may run as high as 40 carloads for some counties, tho this estimate will probably include mules.

Wayne Dinsmore, secretary of the Horse Association of America, recently made an investigation in Kansas which showed that about one-half the counties of the state had neither a surplus

nor a shortage, tho some other counties had a considerable surplus.

Reports of tax assessors to the Kansas State Board of Agriculture indicate a decrease in the total number of horses in the state and that the present horse population is 962,329 head, which is 33,000 head less than that of the previous year and 77,500 head below the average of the last 10 years. This would seem to indicate that Kansas will have little, if any, surplus for exporting to other sections.

Another indication of the probable stability in horse prices comes from the dealers in all of the horse producing states, who report a great shortage of foals, weanlings, 2-year-olds and 3-year olds, especially of a kind which

promises to develop into good market types. This is a condition which began during the war and was partly caused by it as gasoline and oil were then more economical to use for power than corn, oats and hay.

One trend of the market must not be overlooked and it may be thought to be encouraging. The demand is for good horses weighing 1,600 pounds or more. In the battle between the motor and the horse for supremacy the light road horse has practically been eliminated but in the contest between the motor truck and the heavy horse for the short haul freight business in the city the horse is rapidly coming into his own and solely for economic reasons.

The method of moving a ton of freight with a maximum of speed and a minimum of cost is sure to prevail and the short haul business within the congested radius of city traffic has chosen the horse as being the more economical.

In competing with the railroads for the short haul business the motor truck is an easy leader and the horse

is not a competitor but as a feeder of transportation from farm to freight depot, the horse is in his place provided he can handle a truck load.

The big market for the farmer's horses is in the trucking area of the cities and towns and to meet the demands of this market the horse must have size and quality, as every type of vehicle now requires more power to move than it did 10 years ago.

If for no other reason, the higher cost of wages would make larger loads a necessity and these demand a heavier and better type of horses than was formerly true. The tendency in this direction was never so pronounced as now. The light vehicle has gone forever and with it went the light horse.

Even the express companies are satisfied with nothing less than a 1,500 pound horse while the loggers demand a minimum of 1,600 pounds with all the 1,800-pounders they can get and the cities take the ton horses with their lowest limit at around 1,700 pounds.

It is generally agreed among men experienced in the business that the pros-

(Continued on Page 27)

"Buy one Royal Cord—
try it on the right hind
wheel"

To the new users of Royal Cords —probably a million in 1923

MOST rules are all the better for being broken once in a while.

There's an advertising rule, for instance—never to ask anyone to buy a thing and try it.

When the makers ask you to try a Royal Cord on your right hind wheel they may be breaking the rule, but you will benefit thereby.

The makers of Royal Cords, for their part, can't see why making friends should ever go out of fashion.

The more quality a tire has—and the more leadership—the greater its obli-

gation to be simple and direct. Royal Cords earned their position of high regard by simple things.

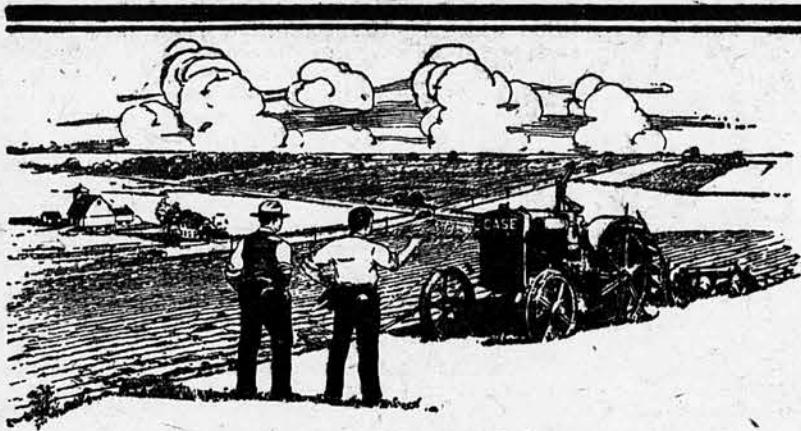
You can easily see that people's confidence in Royal Cords could never have been won by quoting a lot of big mileages, talking big discounts, or going through all those other kinds of gestures with the idea of registering big.

The makers of Royal Cords devote themselves to guarding quality and have no desire to dazzle customers.

Their ideas seem to be right, because U. S. Royal Cords are the measure of all tire values today.

United States Tires are Good Tires

© 1923, U. S. Tire Co., N. Y.



Additional Profits

"Since buying my Case 15-27 I have doubled my farming operations to 320 acres."

—Everett Taubeneck, West Union, Illinois.

Besides larger profits from better farming, the Case tractor gives you two other sources of profit. You can farm more land with the same help, or you can do profitable custom work. These additional profits often pay for



It is not uncommon for a farmer to find his working capacity doubled when he begins to use a Case. This increased efficiency is due to many proved Case advantages:

Ample power is furnished by efficient, Case-built engines, with a fuel system assuring extreme economy on low grade fuels.

Power is transmitted to both drive wheels through simple, cut steel, spur gears—all completely enclosed.

Belt pulley is mounted on engine crankshaft, with no waste of power through gears.

Because of these and many other practical qualities, Case tractors are well adapted to all kinds of farm power work, both drawbar and belt. Ask any Case owner or write for "Better Farming With Better Tractors," which tells you why the Case tractor is superior in many ways.

Engine has removable bearing shells and bushings. Practically all other bearings are renewable roller and ball bearings.

All gears, bearings and wearing surfaces are enclosed, thoroughly lubricated, and protected from dust and dirt.

A patented Case air washer keeps all dust and dirt out of the engine.

J. I. CASE THRESHING MACHINE COMPANY

(Established 1842)

Dept. C12

Racine

Wisconsin

NOTE: Our plows and harrows are NOT the Case plows and harrows made by the J. I. Case Plow Works Company.

SAVE YOUR BUILDINGS WITH BEST QUALITY



Has Full Life In It When Delivered I PAY THE FREIGHT

You will be greatly pleased after you use it. INSTRUCTIONS for painting with each order. Write today for my FREE PAINT BOOK and Color Cards. Tells why paint should be FRESH. ESTABLISHED IN 1903. O. L. CHASE, The Paint Man Department 55 ST. LOUIS, MO.

100% One Man Pulls 'Em Easy



Get New Reduced Prices on Hercules, the fastest, easiest-operating "One-Man" Hand Power Stump Puller made. Simple, double, triple, quadruple power—4 machines in one. Moves like a wheelbarrow. \$10 down. Easy payments. Send for Catalog No. 528 HERCULES MFG. CO. CENTERVILLE, IOWA

for FORDSON Tractor Will Pay for Itself In Two Weeks Saves fuel and oil. Saves off man's time on all belt work. Makes tractor last longer. Can be installed in twenty minutes. Write today for free literature. The Pierce Governor Company ANDERSON, IND., U. S. A. Dept. 14



The BOYT Harness will out wear and out work two sets of ordinary harness. Year after year it will give you service—good service long after cheaper harness is gone. The cost is only \$78 per set.

BRONZE BUCKLES The Boyt harness is trimmed with rustless bronze hardware at more than eighty points

WALTER BOYT COMPANY, Inc. 230 Court Avenue Des Moines, Iowa

This Free Book tells the story of Boyt quality. Send for it today

THE BOYT HARNESS "The Standard Work Harness of America"

A Wonder Radio at a Wonderful Price

A complete vacuum tube receiving set, 1000 mile range, for \$12.45. Postage paid. This is not wired but contains all the parts including cabinet and drilled panel (tube not included) and diagram (regenerative circuit). Can be put together by anyone in an hour's time with a screwdriver and a pair of pliers. No soldering to do. Send us check or postoffice order and we will mail it at once prepaid.

ABSOLUTELY GUARANTEED. Money refunded if not satisfactory. THE HOLMES COMPANY Rainbow Drive Waterloo, Iowa.

When writing advertisers mention this paper

Legislature is Dying Hard

Started Out to Do Nothing, and Promises to Be Successful—Appropriations Lower

BY CLIF STRATTON

THE 1923 session of the Kansas legislature is in its last throes at this time. Starting out to get nowhere, it has arrived almost at its destination. The last two weeks were marked by much political activity.

The laws of Kansas are just about where they were when the legislature met. Few changes of far reaching importance have been made. Perhaps it is just as well, but it depends entirely on your viewpoint. Some people believe in turning things upside down. Then they look over a legislature in action, and are doubtful. Most reformers desire to rewrite the laws themselves. A legislature, despite all of the fun made of these bodies, is too closely representative of the widely differing views of the voters themselves, to pass laws satisfactorily either to your reformer, or to your standpatter who desire things as they are, sometimes as they were when he was 21.

The Party Platform

As predicted in the early days of the session, the various programs are winding up largely in the discard.

The Republican party program, as outlined in the party platform, is faring much better than the organization programs. Unless the legislature bestirs itself in these closing hours, only the tax amendment will have been successful. The lawyers have not been able to agree on the provisions of the proposed executive budget amendment.

The amendment to the road law, giving the counties control of their own roadbuilding programs, seems sure of passage.

The legislature also has held down on appropriations. Few boards, offices or commissions have been abolished, and few consolidated. As a practical proposition, abolishing a board is harder than promising to do so.

Copeland County Program Loses

The one big feature of the Copeland county program, to return to the delegate convention system of nominating candidates, finally lost in the senate by a close shave, 21 senators voting against the convention system, and 18 voting for it. But the convention is just as dead as if the vote had been unanimous.

The negative feature of the Copeland county program was more successful. The Knapp public utilities bill, which would have strengthened the control of the utilities commission over rates charged by public service corporations, passed the house almost unanimously.

But when it reached the senate, the utilities lobby showed its strength. The bill came over Friday afternoon, and was referred to the judiciary committee. The judiciary committee has 14 members. Two of these members, Senator Francis C. Price of Clark, chairman, and Senator L. H. Finney of Sumner, met Saturday noon and killed the bill.

Ordinarily it is considered good form to have at least a majority of the members of a committee present when an important measure is considered. But in this case, as Senator Price pointed out, the bill was a "vicious bill," and the quicker it was killed the better. And the senate, thru some rather sharp parliamentary practice, refused to override the vote of the "quorum of two" on the judiciary committee.

Some persons blame the two judiciary members for taking advantage of the absence of the other 12 members. But in justice to these two it must be stated that if the senate hadn't approved of their action, the bill need not have been reported as dead. The rest of the senate merely allowed Senators Price and Finney to be the "goats" in killing a measure that the utilities interests desired to have killed.

Child Code Program Dead

The child code program, with an elaborate system of handling child

welfare, including the employment of some 500 county welfare officers, went out at the middle of the session. The legislators didn't desire to have the program adopted, and all of the efforts of the code commission were fruitless. In the closing hours of the session, efforts are being made to pass one bill that would establish the welfare system in the five largest counties, but only a miracle, apparently, can put the measure thru. The women of the state, instead of lining up solidly behind the program, took sides, and the legislators refused to act unless the women got together.

Still Playing With Bonus Board

By the time this is printed the legislature probably will have taken action on the various compensation measures, supplemental to the compensation act approved by the people in the November election. Governor Davis and the two Republican members of the bond board in charge of issuing the 25 million dollars worth of bonds still are wrangling over whether the bonus director shall be a Democrat or a Republican. The legislature is trying to work out a bill that will insure the selection of a bonus director. The legislative measure would insure the election of a Republican, however. The governor says he doesn't care whether it is a Republican or a Democrat, just so it isn't General Charles I. Martin, former adjutant general. Governor Davis and General Martin are from the same county, but appear to be at "outs" with each other.

Better Days at Hand

(Continued from Page 7)

and perhaps a few steers to draw on for additional income, not to mention fruit or truck products, he is in a much better position. More than this, he has a more nearly self-contained system of agriculture, in which he is not so nearly exposed to the harsh industrial winds, for his farming operations are more nearly self-contained.

This was true in "the good old days," when a farmer produced more of the things he used, and paid less attention to one or two cash crops. Perhaps his turnover was not so great thruout the year, but by exactly the same token it was not possible to "get into" him so far when a depression came. Agriculture has for many years been gradually getting more and more into a defenseless situation from an economic standpoint; it has been unable to surround itself with the safety devices which other lines of business, especially banking, have been able to use. With the development of a better credit system, co-operative effort and a real merchandizing plan for farm products, we may be able to eliminate some of these hazards.

The better credit system seems to be working itself out, thru national legislation, and this is one of the most hopeful signs of the agricultural revival. The extension of co-operative effort is coming much more slowly, but it is nevertheless sure. The next depression will not hit farmers nearly so severely as the late one has done.

Million a Month for Repairs

(Continued from Page 3)

erect more permanent buildings exists. Permanency means more than long life; it means also reduction of expense of making repairs to the minimum; a lessening of the fire risk; elimination of loss due to weather and rodents; the plugging up of leaks that result in economic waste.

Thruout Kansas foundations are being given more consideration. They are being made solid and rat proof. More and more often stone, concrete and hollow tile are being used in building walls. They are fire proof and resist the wear and tear of the elements. They are highly economical.

A half a million dollars a month is worth saving. It is equivalent to 500,000 bushels of wheat.

Farm Organization Notes

BY RURAL CORRESPONDENTS

The Kansas Wheat Growers' Association Plans to Establish Six New Storage Elevators

THE Kansas Wheat Growers' Association announces that it has completed plans for the erection of at least six large storage elevators at different points in Kansas, for the storage of wheat. The elevators will have a capacity of 100,000 bushels of wheat apiece and will be located back of all mills in order to be able to furnish a supply of wheat in all instances to the mills without having any out of line hauls. The points now under consideration for elevators are Liberal, Rago, Dodge City, Sedgwick and possibly Hutchinson and Salina; altho the two last named cities have not been fully decided upon at this time.

Ford County Livestock Association

The Ford County Livestock Improvement Association was organized about a year ago, for the purpose of improving the livestock of the county and thus far wonderful progress has been made.

This association has 36 members, interested in breeding better livestock. The first thing these men did was to build a sales pavilion at Dodge City, to provide a market place for registered livestock and smaller sales.

The association has held three registered cattle sales at which \$12,000 worth of registered cattle were sold. Forty-one registered bulls and 100 registered cows have been brought into the county to sell and most of them were bought by progressive farmers of Ford county.

Farmers' Union Store Elects Officers

Stockholders of the new Farmers' Union store at Cedar Point recently elected officers as follows: C. A. Wisler, manager; J. S. Wilson, president; A. M. Ice, vice president; E. C. Masohe, treasurer; J. C. Fisher, W. R. Sayre, S. J. Nicholson and T. E. Sayre, directors. The new store, which makes the fourth co-operative Union store in Chase county, has just opened for business at Cedar Point, Kan.

State Threshermen Organize

An organization of Kansas threshermen was completed recently at Wichita, Kan., that will be known as the Kansas Thresher and Tractor Association. C. F. Fox, of Ashland, was elected president and W. F. Humphrey, of Kiowa, secretary-treasurer.

The committee appointed to draft by-laws is composed of R. F. King, Hutchinson; W. T. Drew, Protection; J. P. Carroll, Lewis; W. L. Vermil-

lion, Yates Center, and H. B. Stafford, Lyons. Nearly 500 threshermen have registered as members of the association and county units will be formed as soon as plans are completed by the committee.

National Foreign Trade Convention

The dates on which the 10th National Foreign Trade Convention will meet in New Orleans have been postponed to May 2-4, 1923, according to announcement of O. K. Davis, secretary of the National Foreign Trade Council.

The convention will devote special attention to the European situation, the part played by imports in our national life, and transportation by rail and water. Group sessions will deal with the practical details of export sales management, finance, credits, and advertising, with particular consideration of problems affecting the Gulf Coast and the Pacific.

Got 20,000 Eggs Last Year

Mrs. E. W. Phillips of Effingham keeps a daily record of the number of eggs gathered from her flock. Her hens produced more than 20,000 eggs in 1922.

Cotton Farmers Get 20 Million

Far reaching plans to put 20 million dollars more into the pockets of cotton farmers of the South thru the extension of co-operative marketing associations to all parts of the cotton belt are being worked out.

Definite assurance that at least 3 million bales of cotton will be handled under the co-operative marketing plan during the year 1923 has been given, following the successful campaigns in Tennessee, Mississippi and Alabama.

Colorado Horse Show

The date for the Colorado Springs Horse and Colt Show has been set for July 28. It will be held as usual on the polo grounds of the Cheyenne Mountain Country Club at Broadmoor.

Of particular interest is the setting aside for the horse and colt show of an additional \$300 in prizes from the American Remount Association for certain classes.

Brown County Farmers Union

Brown county Union will hold its regular meeting at Hiawatha, Kan., in the auditorium on Saturday, March 24, beginning at 10:30 a. m. Governor Davis and other speakers of note have promised to be present, and there will be a big free dinner at noon.

The Railroad Grain Rate Case

THE most extensive case now before the Interstate Commerce Commission is that of the Kansas Public Utilities Commission, which nine other Western states have joined, for a reduction of rates on grain. There have been 15 days of continuous testimony at Kansas City, following a week of testimony at Washington. The railroads estimate their loss of revenue at 17½ million dollars annually if the reduction is granted and in Kansas at 2½ to 3 millions.

In most instances the consumer pays, but in grain for the most part it is the producer who foots the bill. Kansas grain growers would not absorb the whole of the reduction, but the larger part probably would accrue to the grain grower. It is not clear who pays the freight where the price is made by home demand and supply. It is probably divided between consumer and producer, but where the price is made in the world market the producer pays the freight. It is the producer who makes the fight, at any rate, for reduced rates.

A reduction in grain rates that would mean a saving to Kansas grain growers in times such as these of as much as 1½ million dollars a year would help the farmer's situation materially. It would offset a large part of his taxes or pay interest on about 25 millions of mortgage debt. There can be no question that grain rates must come down, tho the railroads are making a strenuous fight against any concessions whatever. Meantime their net earnings are rapidly improving.

Returning prosperity is bringing prosperity back to the railroads. They would have shown a liberal spirit if they had consented to a reduction on such commodities as grain at a time when the farmer was hard hit. It is not all loss to the railroads when farmers have refused to buy farm machinery and the harvester plants were shut down or working half time. The revival of the machinery industry by transportation relief to the farmer that would induce him again to come into the market would no doubt help the railroads to a very considerable extent.

How Much are your eyes worth to You?



WHEN the doctor some day says "You need glasses," you can probably lay the blame to poor lighting. Your physician may even tell you so, adding that there are more weak eyes in the country than in the city.

But, just because you live in the country, there is no reason why you can not have just as good light as city folks—even better light.

All you need do is to install UNION CARBIDE GAS, and you have real sunlike light—beautiful and steady, no glare—the nearest light there is to sunlight.

Lighting is only one of the many uses for UNION CARBIDE GAS—cooking—self-heating gas irons—hot water for all purposes—are some of the others.

Here are some things to consider in buying a lighting plant: UNION CARBIDE GAS is simple and most economical to operate and maintain. No continual replacement of parts; no provoking expense for upkeep; no constant attention required; no matches for lighting. The making of the gas is entirely automatic—just common water and Union Carbide, and simple, inexpensive apparatus, produce it.

The Blue-and-Gray Drum is a symbol denoting Best Grade Carbide—highest gas yield, uniform dependable quality, and purest gas.

We supply Union Carbide in Generator Sizes—direct to consumer—at factory prices. For quick and economical distribution we have Union Carbide Warehouses in more than 150 cities—there is one near you. Shipment is made same day order is received.

UNION CARBIDE SALES COMPANY
New York Chicago San Francisco

UNION CARBIDE SALES COMPANY
30 East 42d Street, Dept. H-46 New York, N. Y.

Please send me without obligation literature on UNION CARBIDE Lighting and Cooking.

NAME.....

ADDRESS.....STATE.....

I am now a Carbide User

UNION CARBIDE

is the recognized

SUPER-STANDARD

everywhere. This is why:

World's standard for more than a quarter century.

Maximum gas yield—purest gas—due to extreme purity of scientifically selected raw materials, and perfection of manufacturing processes through years of experience.

Careful sizing and screening.

With Union Carbide—purest—highest gas-yielding carbide—this wonderful eye-saving light can be availed of with fullest measure of comfort, economy, convenience and satisfaction.



Warehouses in 150 Cities

World's Best Quality Highest Gas Yield

More
WOOL
money
from **WOLFHEIM**

Send for free price list and full information on the wool market. We charge no commission.
M. WOLFHEIM HIDE & WOOL CO.
200 N. Main St., St. Louis, Mo.

BANG!

KILL POCKET GOPHERS

The Getsem Gun is a small shot gun specially made for killing Pocket Gophers. It never misses. Gophers actually commit suicide. When the gopher comes up to close hole he bumps into cork on trigger rod—Bang! there's a dead gopher.
"It has taken the Getsem to solve the gopher problem."
—H. Partington, University Place, Nebr.
"Shot 33 gophers one afternoon with the Getsem Gun."
—B. Murphy, Topeka, Kansas.
Send \$3.85 for one or \$11 for three—Guaranteed to satisfy or money refunded after 10 days trial. Order today—Get Circular.
GETSEM GUN CO., 811B LINCOLN, Nebr.

6 HAME STRAPS \$1.00

Big Bargain Offer! 6 1-inch solid oak leather Hame Straps, sent postpaid for only \$1.00. Extra heavy, 2 1/2 inches long, flexible loop, roller buckle. Pin \$1.00 bill to your order today. Guaranteed to satisfy or money back. NEW CATALOG FREE.
ANISER MERC. CO., Dept. 112, St. Joseph, Mo.

Prevent
Blackleg
by using
Blacklegoids

Scientifically Prepared and Tested
Blackleg Vaccine in Pill Form

Consult your veterinarian or druggist.
Write for free booklet on blackleg. No. 351.
Animal Industry Department of
Parke, Davis & Company
DETROIT, MICH.

Windmill Prices Reduced

Write today for Free Catalog and reduced prices on CURRIE Windmills, Feed Grinders, etc. Big Bargains in all styles and sizes we manufacture.
CURRIE JR. WINDMILL CO., 714 & Holliday, Topeka, Kansas.

Deafness

Perfect hearing is now being restored in every condition of deafness or defective hearing from causes such as Catarrhal Deafness, Relaxed or Sunken Drums, Thickened Drums, Roaring and Hissing Sounds, Perforated, Wholly or Partially Destroyed Drums, Discharge from Ears, etc.

Wilson Common-Sense Ear Drums
"Little Wireless Phones for the Ears" require no medicine but effectively replace what is lacking or defective in the natural ear drums. They are simple devices, which the wearer easily fits into the ears where they are invisible. Soft, safe and comfortable. Write today for our 168 page FREE book on DEAFNESS, giving you full particulars and testimonials.
WILSON EAR DRUM CO., Incorporated
958 Inter-Southern Bldg., Louisville, Ky.



Let the Sunshine in!

ARE you fagged and foggy when you wake up in the morning? "There's a Reason."

Coffee and tea are known to affect many people that way. Often, these beverages cause nervousness, sleeplessness and severe headache. "There's a Reason."

Postum, made from wheat roasted just like coffee, is a delightful mealtime beverage free from any element of harm.

Try it instead of coffee or tea, and let the sunshine in.

Postum FOR HEALTH

"There's a Reason"



Your grocer sells Postum in two forms: Instant Postum (in tins) prepared instantly in the cup by the addition of boiling water. Postum Cereal (in packages) for those who prefer to make the drink while the meal is being prepared; made by boiling fully 20 minutes.

Made by
Postum Cereal Company, Inc.
Battle Creek, Michigan



85 Pound Standard Slate Surfaced Roofing

200 Per Roll



Lay Your Own Roofing This Spring

Do it in your spare time. No experience needed. Only hammer and jack knife required. Use our standard Radio Slate-Surfaced Roofing.

Approved by Fire Underwriters. Spark proof. Fire resisting. Better protection than wood shingles. Extra durable and not affected by heat or cold.

Best Standard Quality You Can Buy. Only \$2.00 per roll (enough to cover 100 sq. ft.). For old or new roofs, or over old wood shingles.

Red or Green. Non-fading crushed slate surface beautifies as well as protects your home. Guaranteed for 15 years but should last longer.

Send for FREE SAMPLES. It puts you under no obligation to buy. \$2.00 per roll includes all nails and cement. (Add 8c if wanted with extra long nails.)

Shipped from Chicago, Kansas City, St. Paul, York, Pa., Southern, Ill., or New Orleans, La. (\$2.10 per roll from Kansas City or St. Paul.)

Write to our house nearest you. Address Dept. C-17

Montgomery Ward & Co.
Chicago Kansas City St. Paul Fort Worth Portland, Ore.

CHICKS We ship everywhere. Safe arrival guaranteed. 20 thoroughbred varieties. Hatched right. Member Int. Baby Chick Assn. Eating free. Mammoth Hatchery, R. F. D. 15, Glen Ellyn, Ill.

SAVE BIG MONEY

I guarantee you a clear saving of 25 to 30% on Fence, Roofing and Paints and I pay the freight. Get my **CUT PRICE CATALOG** Learn how half a million farmers save big money by buying their Fence, Roofing and Paints direct from my big factories at prices way below others—send for catalog NOW—You'll save money.

FENCE GATES POSTS ROOFING PAINT

THE BROWN FENCE & PAINT CO. Dept. 2408 CLEVELAND, OHIO

Big Sale Now

One Man Lot Saw

OTTAWA \$91.50

Prices slashed on this better, faster cutting machine. Saws logs, timber, falls trees. 15-year guarantee. Cash or Easy Terms.

Free Book and Special Offer. Write quick before sale ends!

OTTAWA MFG. COMPANY
1481Q Wood Street OTTAWA, KANS. Room 1481Q, 1481Q Bldg. PITTSBURGH, PA.

17¢ A Rod and Up

Now Buy Peerless Fence

Write for our free 104-Page Catalog showing LOWEST prices on quality

PEERLESS FENCE

DIRECT FROM FACTORY. Famous Peerless Line of Fence, Farm Gates, Roofing, Paints NOW sold direct from factory at 40% lower prices.

PEERLESS FENCE & PAINT CO. Dept. 2408 CLEVELAND, OHIO

KITSELMAN FENCE

"I Saved One-half," says Clem Hawkins, Howard, Kans. You, too, can save. We pay the freight. Write for Free Catalog of Fences, Poultry, Lawn Fence.

KITSELMAN BROS. Dept. 61 MUNCIE, IND.

Missed a 10-Million Profit

(Continued from Page 7)

To the profit that could have been expected from alfalfa must be added the loss which would have been avoided on the 2 million acres that produced wheat and corn, making a total in favor of alfalfa of more than 11 million dollars in one year.

There is plenty of food for thought in studying the figures on production costs for 1922 in Kansas of such crops as wheat, corn and alfalfa. In wheat, production costs are estimated as follows: Man labor for 7 hours at 30 cents an hour, \$2.10; horse labor for 15 hours at 15 cents an hour, \$2.25; use of tractor for .85 of an hour at \$1.80 an hour, \$1.53; use of machinery, \$1.20; manure used, 40 cents; seed required for sowing at \$1.20 a bushel, \$1.80; twine, 19 cents; threshing for 14 bushels at 12 cents a bushel, \$1.68; other costs, 44 cents; overhead expense, 72 cents; delivering at local elevator of 14 bushels of wheat at 4 cents a bushel, 56 cents. These make a total operating cost an acre of \$12.87. Valuing the land at \$125 an acre, the interest and taxes at 5 per cent will amount to \$6.25 which will bring the cost production up to \$19.12. If we deduct 15 cents as the approximate valuation of the straw and pasture on 1 acre, the average cost of producing a bushel of wheat on the basis of an acre yield of 14 bushels will be \$1.36.

The estimated costs of producing an acre of corn in Kansas for 1922 are as follows: Man labor for 17 hours at 25 cents an hour, \$4.25; horse labor for 40 hours at 12 cents an hour, \$4.80; use of machinery, \$1.45; manure used, \$2; seed, 1-6 bushel at \$1 a bushel, 17 cents; other costs, 27 cents; overhead expense, \$1.10. Taking the sum of all of these items—it will be seen that the total operating expenses in the production of an acre of corn are \$14.04. If a valuation of \$150 an acre is placed on the corn land, interest and taxes at 5 per cent will total \$7.50, thus making the total acre cost, \$21.54. Deducting a credit for the stalks on the land of 90 cents, the net cost an acre is found to be \$20.64. On the basis of a yield of 30 bushels an acre the cost of producing a bushel of corn is 69 cents.

In estimating the cost of production of an acre of alfalfa, the following items of expense appear: Man labor for 20 hours at 25 cents an hour, \$5; horse labor for 35 hours at 12 cents an hour, \$3; machinery, \$1.58; manure used, 92 cents; other costs, 26 cents; overhead expense, 93 cents; seeding costs, \$1.65. Adding these various items we find that the operating expense in the production of 1 acre of alfalfa totals 13.34.

Assuming the land to be worth \$150 an acre, the interest and taxes at 5 per cent amount to \$7.50. Adding this to the operating expense it appears that the total cost of producing 1 acre of alfalfa is \$20.84. Deducting a credit of \$1.31 for pasture, the net cost of producing an acre of alfalfa is found to be \$19.53. If the average yield is 2.5 tons an acre, the average cost of a ton of alfalfa hay is about \$7.81 a ton.

These estimates of course do not hold good on every farm. They simply represent the average. On some farms production costs would figure higher and on others considerably less.

Hugo Falls in Love

(Continued from Page 9)

stantly, and tell Mr. Vaughn it must be posted thruout the place in half an hour."

Shortly after two o'clock Sloane Street was amazed to witness the exodus of the three thousand odd. The closure was attributed to a whim of Hugo's for celebrating some obscure anniversary in his life. Many hundreds of persons were inconvenienced, and the internal economy of scores of polite homes seriously deranged. The evening papers found a paragraph. And Hugo lost perhaps a hundred and fifty pounds net. But Hugo was happy, and he was expectant.

At ten o'clock that night a youngish man, extremely like Simon Shawn, was brought by Simon into Hugo's presence under the dome. This was Simon's brother, Albert Shawn, a member of Hugo's private detective force.

"Sit down," said Hugo. "Well?" "I reckon you've heard, sir," Albert Shawn began impassively, "the yarn that's going all round the stores."

"I have not." "Everyone's whispering," said Albert Shawn, gazing carefully at his boots, "that Mr. Hugo has taken a kind of a fancy to Miss Payne."

Hugo restrained himself. "Heavens!" he exclaimed, with a clever affectation of lightness, "what next? I've only spoken to the chit once."

"Don't I know it, sir!" "Enough of that! What have you to report?"

"Miss Payne left at 2:15, whipped round to the flats entrance, took the lift to the top floor, went into Mr. Francis Tudor's flat."

"What's that you say? Whose flat?" cried Hugo.

"Mr. Francis Tudor's, sir."

An Expensive Flat

Mr. Tudor was famous as the tenant of the suite rented at two thousand a year; he had a reputation for being artistic, sybaritic, and something in the inner ring of the City.

"Ah!" said Hugo. "Perhaps she is a friend of one of Mr. Tudor's—"

"Servants," he was about to say, but the idea of Miss Payne being on terms of equality with a menial was not pleasant to him, and he stopped.

"No, sir," said Albert Shawn, unmoved. "She is not, because Mr. Tudor shunted out all his servants soon afterward. Miss Payne was shown into his study. She had her tea there, and her dinner. The Hugo half-guinea dinner was ordered late by telephone for two persons, and rushed up at eight o'clock."

"I wonder Mr. Tudor didn't order an orchestra with the dinner," said Hugo grimly. "It was a sublime effort on his part to be his natural self."

"I waited for Miss Payne to leave," continued Albert Shawn. "That's why I'm so late."

"And what time did she leave?" "She hasn't left," said Albert Shawn.

Hugo dismissed Albert, with orders to continue his vigil, and then he rang for Simon.

"Do you think I might have some tea?" he asked.

"I am disposed to think you might, sir," said Simon. "It is eight days since you indulged after dinner."

"Bring me one cup, then, poured out."

Pain Around the Heart

He was profoundly disturbed by Albert's news. He was, in fact, miserable. He had a physical pain in the region of the heart. He wished he could step off Love as one steps off an omnibus, but he found that Love resembled an express train more than an omnibus.

"Can she be secretly married to him?" he demanded half aloud, sipping at the tea.

The idea soothed him exactly as much as it alarmed him.

"The question is," he murmured angrily, "am I or am I not an ass? . . . At my age."

He felt vaguely that he was not, that he was rather a splendid and Byronic figure in the grip of tremendous emotions.

Having regretfully finished the tea, he unlocked a bookcase, and picked out at random a volume of Boswell's "Johnsen." It was the modern Oxford edition—the only edition worthy of a true amateur—bound by Riviere. Like all wise and lettered men, Hugo consulted Boswell in the grave crises of life, and tonight he happened upon the venerable Johnson's remark: "Sir, I would be content to spend the remainder of my existence driving about in a post-chaise with a pretty woman."

He leaned back in his chair and laughed. "In the whole history of mankind," he asserted to the dome, "there have only been two really sensible men. Solomon was one, and Johnson the other."

He restored the book to its place, and sat down to the piano-player, and in a moment the overture to "Tannhauser," that sublime failure to prove that passion is folly, filled the vast apartment. The rushing violin passages, and every call of Aphrodite, intoxicated his soul and raised his spirits till he knew with the certainty of a fully-aroused instinct that Ca-

(Continued on Page 16)

Farm News From Colorado

BY E. J. LEONARD

Western Farmers Plan to Co-operate Actively with the New National Producers' Alliance

THE new farmers' organization, known as the National Producers' Alliance, has been organized by representatives from 12 Northern states between the Mississippi River and the Rocky Mountains. Their purpose is stated thus: "To stabilize farm prices thru voluntary, co-operative control of acreage and a national bureau to furnish members information and advice on markets and prices."

A. C. Townley, the leader of the Non-partisan League, is connected with this movement. He says: "The new organization is separate from the League and will take no part in politics." The articles governing the Alliance prohibit the consideration and discussion of "political or religious questions." This might succeed in a limited way if all farmers by law were compelled to join, provided there were a sufficient number of police to enforce all provisions. It will be interesting to watch the movement. D. F. Hollywood of Arapahoe is the member from Colorado.

Our Interests in Reparations

The struggle between France and Germany over payment of reparations is now beginning to affect the interests of farmers not only in Colorado and the rest of America, but in every land. It has so limited the buying power of both of these nations that they cannot absorb the surplus products which are piling up in warehouses on the seaboard and elsewhere waiting for export. Until this congestion can be relieved by foreign buying markets can scarcely advance in a normal way. More than 200 million bushels of surplus wheat in the United States and Canada must wait for a foreign market. Europe needs all of this but cannot buy because of military operations and preparations for future wars. That is why farmers of America are interested in having the troubles in the old world all settled.

County Fair Dates are Set

The Colorado County Fairs' Association met recently at Rocky Ford. The dates for all 1923 county fairs were set within the usual period between the latter part of August and October. J. L. Miller of Rocky Ford was elected president. J. F. McCreery of Greeley, vice president. A resolution was passed condemning the granting of permits to gambling concerns of various kinds. "Concessions" on fair grounds cover a multitude of evils. Gambling and catch-penny schemes are not all of them by any means. People connected with these regular concession companies often have a very questionable reputation. Many of them are not law abiding. No county fair board of directors will miss it by steering clear of all these companies.

To Legalize Betting

The Colorado House of Representatives recently passed a bill legalizing a form of race track gambling. It would seem to be a good time to curb the gambling instinct in the state rather than to encourage it by legislation of this character. While this bill was being debated and voted on by our legislators there was a criminal court in session in the city which has been trying for several weeks to convict a big gang of crooks who have been fleecing their victims out of

thousands of dollars in each case. The betting in this case was on fake horse races where the victim had "inside information." Also a fake "stock exchange" was operating on the same sure thing basis—there were some farmers foolish enough to bet and "win" but most of the victims were shrewd city people with big bank accounts. It was so certain that there was no chance of losing but the fellows who won and put up the cash found out in some cases at the rate of \$25,000 each. It was sure all right for the bunco operators. It would pay to send our lawmakers down to visit this court and see how the gambling idea can work out. With the opposition aroused over the passage of this bill no one expects it will be passed by the senate or signed by the governor.

An Auctioneer's Contest

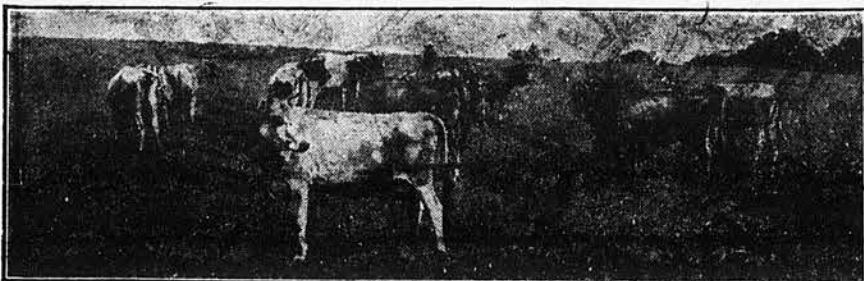
One of the novel features of the Southeastern Colorado Stock Show was an "auctioneer's contest." Eight of the "colonels" were entered. Each was given a pig to sell. The one obtaining the highest bid was awarded a championship belt. This belt is to be competed for each year. The show had more than 50 pens of hogs and good exhibits of cattle, horses and sheep. Connected with the show there was a stock judging contest between several high school teams in that part of Colorado.

Seedless and Coreless Apples

The fruit growers of Colorado and elsewhere will be interested in the announcement made by the United States Department of Commerce that coreless and seedless apples are being grown near Abbotsford, Canada. These apples differ slightly in shape being longer and flatter near the end than ordinary apples. The coloring and flavor are not changed. They are produced on trees which have been top-grafted on Rabka seedlings. This is said to be the first instance where a seedless and coreless apple has been produced.

How the Rich Germans Work It

Another angle of the European situation may not generally be understood. The rich and titled Germans who brought on the war are now collecting in and piling up fabulous fortunes at the expense of the rest of the German people and the rest of the world. They are evading practically all taxes which are levied to pay reparations. These untold millions and perhaps billions are being deposited in foreign banks and probably some in making secret war preparations. They have never intended to allow France to be paid the amount agreed upon. By depreciating the mark these vultures have systematically plundered the German people until they cannot pay no matter how much occupying the French do. The simplest way out of this tangle appears to be for all nations to co-operate in restoring exchange values for all foreign money, now below par. Next let there be concerted effort in arresting these intentional criminals and confiscating those big bank accounts which could be turned over to France. Then let France go back home and go to work.



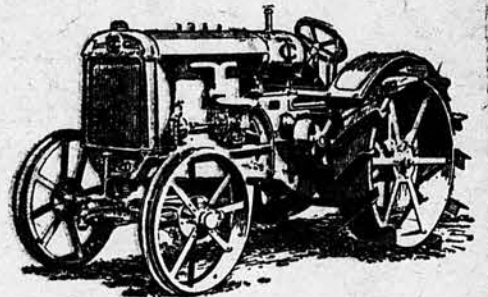
The Health Crusade in Colorado of the Anti-Tuberculosis Association is Arousing a Greater Interest in Dairying and Healthy Purebred Cows

52 TWIN CITY 12-20s Bought by Rochelle Canneries

A string of TWIN CITY 12-20s at work on the Rochelle Canneries farm

How they were purchased

In 1919 -	1
in 1920 -	4
in 1921 -	13
in 1922 -	7
and in 1923	27
Total	52



HERE is one secret of "Twin City" success—a 5-year record of proved reliability and carefully recorded economy that we believe is unequalled in tractor history. During the five years that Rochelle Canneries, Inc. of Rochelle, Ill., have bought 52 Twin City 12-20s, other tractors have been tested out—but in each case Twin City performance proved unbeatable.

A tractor that satisfies the rigid requirements and exacting tests of the Rochelle Canneries engineers will serve you most faithfully and economically—will save you money in your farming operations, and can be depended upon in an emergency when fast work is necessary to take advantage of a belated short plowing season, or to save your crop at harvest time.

Get these Free Booklets on the TWIN CITY "Team of Steel"

Learn all about this complete power machinery line for the farm—backed by real service and a big responsible company. 3 Tractors, 12-20, 20-35, 40-65; 4 All-Steel Threshers, 22-42, 28-48, 32-52, 36-60; 2 Trucks, 2-ton and 3½ ton. Fill in and mail the coupon today.

TWIN CITY CO.

DEPT. K. F.

MINNEAPOLIS, MINN.

Branch Houses: Denver, Colo.; Des Moines, Iowa; Fargo, N. D.; Great Falls, Mont.; Kansas City, Mo.; Lincoln, Nebr.; Peoria, Ill.; Salt Lake City, Utah; Spokane, Wash.; Wichita, Kansas



Coupon

Twin City Co.
Dept. K. F.
Minneapolis, Minn.

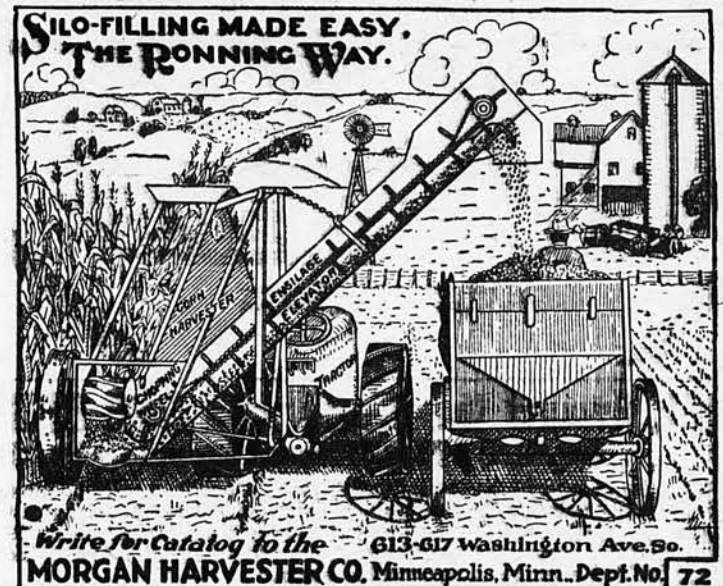
Send me your two free booklets on the Twin City "Team of Steel."

"Built to DO THE WORK—not to meet a price"

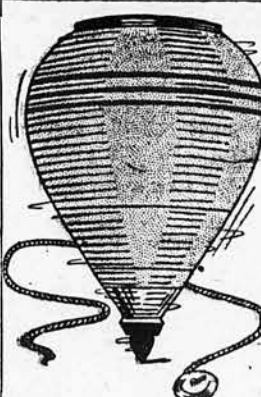
Size of farm.....

Name.....

Address.....



Write for Catalog to the MORGAN HARVESTER CO. Minneapolis, Minn., Dept. No. 72



Bouncing Buster Top

Give It a Whirl—Watch It Spin

Boys here it is! One of the best made Tops you have ever seen. It is 2½ inches high with wide contrasting stripes in different colors. The peg is set in a grooved steel case with a rubber cushion. The top is perfectly balanced and with a 5-foot top cord you can give it a whirl that will make it bounce over the floor and purr like a kitten. Every boy should have a Bouncing Buster Top.

Free for a Club of Two

This Bouncing Buster Top with a 5-foot top cord will be given FREE for two one-year subscriptions to Capper's Farmer at 25c each—just a 50c club. Your father's or mother's subscription will count as one in this club. Send in your order early, get a top while the season is on.

CAPPER'S FARMER,

TOPEKA, KANSAS

A11204 974977



The real profit in potato growing

comes from increasing the yields, improving the quality and reducing the cost of production through the use of good fertilizers. "A A Quality" Potato Fertilizers will produce these results, even on the best potato land.

The "A A Quality" Fertilizers sold in your locality are more than good fertilizers. They are RIGHT fertilizers—based on exhaustive tests of Middle West crop requirements, and are adapted to your type of soil.

What's more, "A A Quality" Fertilizers are the outgrowth of the experience of the most noted group of fertilizer men in the history of the industry!

THE AMERICAN AGRICULTURAL CHEMICAL CO.
 Alexandria, Va. Cleveland Henderson, N. C. Norfolk
 Atlanta Columbia, S. C. Jacksonville Philadelphia
 Baltimore Charleston, S. C. Los Angeles Raleigh
 Boston Spartanburg, S. C. Montgomery St. Louis
 Buffalo Detroit New Haven Savannah
 Cincinnati Greensboro, N. C. New York Etc.
 Address nearest office



WRITE to the Agricultural Service Bureau

of this organization, in care of our office nearest to you, for suggestions on your particular crop problems. This Bureau, in charge of Dr. H. J. Wheeler, formerly Director Rhode Island State Experiment Station, carries on practical experimental work in all sections of the country, to determine just what fertilizers are best adapted to each crop and locality. It is conducted as a helpful service to the American farmer. No charge or obligation.

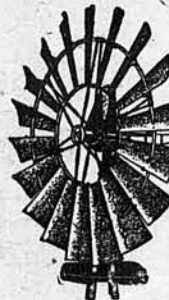
WRITE for this free booklet:
 "How to Get the Most Out of Fertilizers"

A·A·C

"DOUBLE A" QUALITY FERTILIZERS

WRITE for the AAC agency if we have no dealer near you

4 TIMES Around the World with ONE OILING 100,000 Miles Without Stopping for Oil



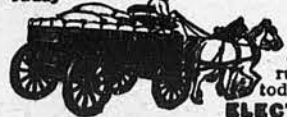
An inventor who could develop an automobile, a railroad car or any other conveyance on wheels which would perform such a feat would be considered a wonder. But such is the record of regular accomplishment by the Auto-oiled Aermotor during the past eight years in pumping water.

Did you ever stop to think how many revolutions the wheel of a windmill makes? If the wheel of an Aermotor should roll along the surface of the ground at the same speed that it makes when pumping water it would encircle the world in 90 days, or would go four times around in a year. It would travel on an average 275 miles per day or about 30 miles per hour for 9 hours each day. An automobile which keeps up that pace day after day needs a thorough oiling at least once a week. Isn't it marvelous, then, that a windmill has been made which will go 50 times as long as the best automobile with one oiling?

The Auto-oiled Aermotor after 8 full years of service in every part of the world has proven its ability to run and give the most reliable service with one oiling a year. The double gears, and all moving parts, are entirely enclosed and flooded with oil all the time. It gives more service with less attention than any other piece of machinery on the farm. To get everlasting windmill satisfaction buy the Auto-oiled Aermotor, the most efficient windmill that has ever been made.

For full information write **AERMOTOR CO.** Chicago Dallas Des Moines
 Kansas City Minneapolis Oakland

Write for Book Today



FARM WAGONS

High or low wheels—steel or wood—wide or narrow tires. Steel or wood wheels to fit any running gear. Wagon parts of all kinds. Write today for free catalog illustrated in colors.

ELECTRIC WHEEL CO. 39 Elm Street, Quincy, Ill.

Hugo Falls in Love

(Continued from Page 14)

milla Payne must be his. He became optimistic on all points.

"A lady insists on seeing you, sir," said Simon Shawn, intruding upon the Pilgrims' Chant.

"She may insist," Hugo answered lightly. "But it all depends who she is. I'm—"

Then Camilla Arrived

He stopped, for the insisting lady had entered.

It was Camilla.

He jumped up. Never before in his career had he been so astounded, staggered, charmed, enchanted, dazzled, and completely silenced.

"Miss Payne?" he gasped after a prolonged pause.

Simon Shawn effaced himself.

"Yes, Mr. Hugo."

"Won't you sit down?"

Camilla was supremely beautiful; she was tall, well and generously formed, graceful, fair, with fine eyes and fine dark chestnut hair; her absolutely regular features had the proud Tennysonian cast. But the coldness of Tennysonian damsels was not hers. Whether she had Latin blood in her veins, or whether Nature had peculiarly gifted her out of sheer caprice, she possessed in a high degree that indescribable demeanor, at once a defiance and a surrender, a question and an answer, a confession and a denial, which is the universal weapon of women of Latin race in the battle of the sexes, but of which Englishwomen seem to be almost deprived. "I am Eve," say the mocking, melting eyes of the Southern woman, and so said Camilla's eyes. No man could rest calm under that glance; no man could forbear the attempt to decipher the hidden secret of its message, and no man could succeed in the task.

Hugo felt that he had never seen this woman before.

And he might have been excused for feeling so; for instead of the black

alpaca, Camilla now wore a simple but effectively charming toilette such as "Hugo's" created and sold to women for the rapture of men in summer twilights, and over the white dress was thrown a very rich pearl-tinted opera-cloak, which only partly concealed the curves of the shoulders, and poised aslant on the glistening coiffure was the identical blue hat with its wide brims that had visited the dome seventeen hours before. The total effect was calculated, perfect, overwhelming.

"I'm sorry to disturb you, Mr. Hugo," said Camilla, throwing back her cloak on the left side with a fine gesture, "but I am in need of your assistance."

"Yes?" Hugo whispered, seating himself.

She had a low voice, rare in a blonde, and it thrilled him. And she was so near him in the great chamber!

"I want you to tell me what plot I am in the midst of. What is the web that has begun to surround me?"

"Plot?" stammered Hugo. "Web?"

"You Have a Kind Heart"

Her eyes flashed scrutinizingly on his face.

"You have a kind heart," she said; "everybody can see that. Be frank. Do you know," she asked in a different tone, "or don't you, that you spoke very gruffly to me this morning?"

"Miss Payne," he began, "I assure you—"

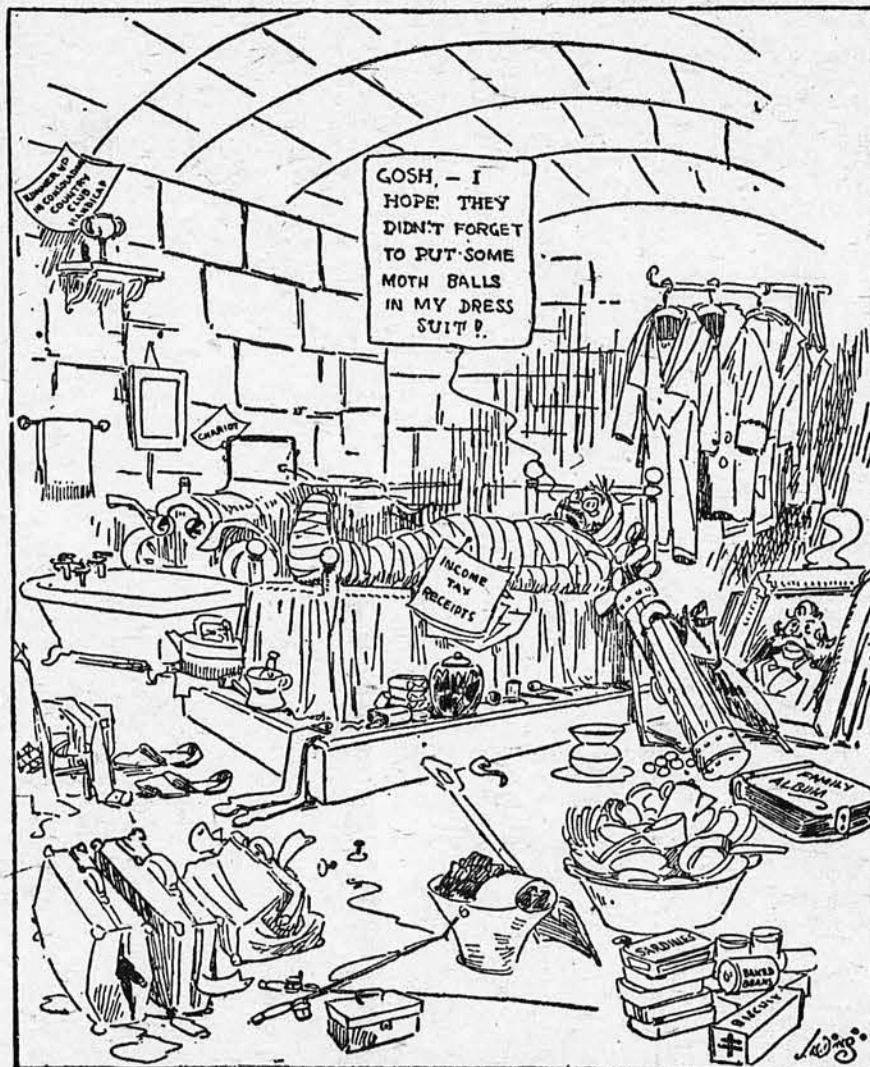
"I thought perhaps you didn't know," she smiled calmly. "But you did speak gruffly. Now, I have taken my courage in both hands in order to come to you tonight. I may have lost my situation thru it—I can't tell. Whether I have lost my situation or not, I appeal to you for candor."

"Miss Payne," said Hugo, "it distresses me to hear you speak of a 'situation.'"

"And why?"

"You know why," he answered. "A woman as distinguished as you are must be perfectly well aware how distinguished she is, and perfectly capable, let me add, of hiding her distinction from the common crowd. For what purpose of your own you came

Looking into the Future



With All of Our Modern Thrills and New Fangled Ideas, Wonder What Kind of a Showing We Would Make If They'd Bury Us Like King Tut

into my shop, I can't guess. But necessity never forced you there. No doubt you meant to avoid getting yourself talked about; nevertheless, you have got yourself talked about."

"Indeed!" She looked at him sideways.

"Yes," Hugo went on; "several thousands of commonplace persons are saying that I have fallen in love with you. Do you think it's true, this rumor?"

"How can I tell you?" said she.

"Well, it is true!" he cried. "It's doubly and trebly true! It's the greatest truth in the world at the present moment. It is one of those truths that a believer can't keep to himself." He paused, expectant. "A woman less fine than you would have protested against this sudden avowal, which is only too like me—too like Hugo. You don't protest. I knew you wouldn't. I knew you knew. You asked for candor. You have it. I love you."

It Was a Real Question

"Then, why," she demanded firmly, with a desolating smile—"why do you have me followed by your private detective?"

Hugo was caught in a trap. He had hesitated long before instructing Albert Shawn to shadow Camilla, but in the end his desire for exact knowledge concerning her, and his possession of a corps of detectives ready to hand, had proved too much for his scruples. He had, however, till that day discovered little of importance for his pains—merely that her parents, who were dead, had kept a small milliner's shop in Edgware Road, that her age was twenty-five, that she had come to his millinery department with a good testimonial from an establishment in Walham Green, that she lived in lodgings at Fulham and saw scarcely anyone, and that she had once been a typewriter.

"The fact is—"

He stopped, perceiving that the "fact" would not do at all, and that to explain to the woman you love why you have spied on her is a somewhat nice operation.

"Is that the way you usually serve us?" pursued Camilla, with a strange emphasis on the word "us" which maddened him.

"The fact is, Miss Payne," he said boldly, sitting down as soon as he had invented the solution of the difficulty, "you will not deny that this afternoon and this evening you have been in a position of some slight delicacy. What your relations are with Mr. Francis Tudor I have never sought to inquire, but I have always doubted the bonafides of Mr. Francis Tudor. And today I have simply—if I may say so—watched over you. If my man has been clumsy, I beg your forgiveness. I beg you to believe in my deep respect for you."

The plain sincerity of his accent and of his gaze touched and convinced her. She looked at her feet, white-shod on the crimson carpet.

"Ah!" she murmured, as if to herself, mournfully, "why don't you ask me how it is that I, to whom you pay thirty-six shillings a week, am wearing these clothes? Surely you must think that an employee who—"

"At this hour you are not an employee," he interrupted here. "You visit me of your own free will to demand an explanation of matters which are quite foreign to our business relations. I give it you. Beyond that I permit myself no thoughts except such as any man is entitled to concerning any woman. You used the word 'plot' when you came in. What did you refer to? If Mr. Tudor has—" He could not proceed.

"As I left Mr. Tudor's flat a few minutes since," said Camilla quietly, producing a revolver from the folds of her cloak. "I picked up this. It may or may not be loaded. Perhaps you can tell me."

Yes, it Was Loaded

He seized the weapon, and impetuously aimed at a heavy Chinese gong across the room, and pulled the trigger several times. The revolver spoke noisily, and the gong sounded and swung.

"You see!" he exclaimed. "Pardon the din. I did it without thinking."

"Did you call, sir?" asked Simon Shawn, appearing in the doorway.

Hugo extirpated him with a look.

"How cool you are!" he resumed to Camilla, and laid down the revolver.

"No, you aren't! By Jove, you aren't! What is it? What have you been thru? What is this plot? A plot—in my building—and against you! Tell me everything—everything! I insist."

"Shall you believe all that I say?" she ventured.

"Yes," he said, "all."

He saw with intense joy that he was going to be friendly with her. It seemed too good to be true.

A Story and a Disappearance

"Perhaps I ought to begin by informing you," said Camilla, "that I have known Francis Tudor for about two years. Always he has been nice to me. Once he asked me to marry him—quite suddenly—it was a year ago. I refused because I didn't care for him. I then saw nothing of him for some time. But after I entered your service here, he came across me again by accident. I did not know until lately that he had one of your flats. He was very careful, very polite, timid, cautious—but very obstinate, too. He invited me to call on him at his rooms, and to bring any friends

I liked. Of course, it was a stupidity on his part, but, then, what else could he do? A man who wants to cultivate relations with a homeless shop-girl is rather awkwardly fixed."

"I wish to Heaven you would not talk like that, Miss Payne!" said Hugo, interrupting her impatiently.

"I am merely telling you these things so that you may understand my position," Camilla coldly replied. "Do you imagine that I am amusing myself?"

"Go on, go on, I beg," he urged, with a gesture of apology.

"Naturally, I declined the invitation. Then next I received a letter from him, in which he said that unless I called on him, or agreed to meet him in some place where we could talk privately and at length, he should kill himself within a week. And he added that death was perhaps less to him than I imagined. I believed that letter. There was something about it that touched me."

"And so you decided to yield?"

"I did yield. I felt that if I was to trust him at all, I might as well

trust him fully, and I called at his flat this afternoon alone. He was evidently astonished to see me at that hour, so I explained to him that you had closed early for some reason or other."

"Exactly," said Hugo.

"He insisted on giving me tea. I was treated, in fact, like a princess; but during tea he said nothing to me that might not have been said before a roomful of people. After tea he left me for a few moments, in order, as he said, to give some orders to his servants. Up till then he had been extremely agitated, and when he returned he was even more agitated. He walked to and fro in that lovely drawing-room of his—just as you were doing here not long since. I was a little afraid."

"Afraid of what?" demanded Hugo.

(TO BE CONTINUED.)

Grandpa says: "It's all very well to have respect for the land where our grandfathers died, but a whole lot more respect is due the land where our children are born."

Santa Fe Earnings Under Six Per Cent

An open letter to United States Senator Capper

February 28, 1923

Hon. Arthur Capper,
United States Senate,
Washington, D. C.

My dear Senator:

I wrote you on December 9th last calling attention to certain misapprehensions under which you seemed to be laboring in a speech delivered in the United States Senate on November 23rd. My attention has now been called to a subsequent address in the Senate in which you specifically mention my name and which shows you are still not conversant with the actual facts. I therefore think it my duty once more to call your attention to the wrong impression that your remarks are apt to convey. The language used by you is as follows:

"... What I did say was that the Santa Fe in 1921 put four millions more out of that year's earnings into maintenance of the system and its equipment than was actually spent in operating the road, and still has earnings after deducting all charges, taxes and interest, of 13 per cent on the common stock."

What you actually did say, as shown by the Congressional Record, and by the report in the Topeka Capital, was:

"This year the Atchison, Topeka & Santa Fe is earning about 25 per cent on its preferred stock and 13 per cent on its common ... Last year, not so good a year for the railroads as this one, the operating expenses of the Santa Fe absorbed \$80,000,000 of its earnings; it put \$84,000,000 into improvements, and added \$20,000,000 to its surplus."

You have now changed the word "improvements" to "maintenance," which is the correct word, but in using same you seem to confound maintenance with something outside of operation. The expense of maintenance of a railroad is as much a part of the cost of operation as the handling of the trains. You have apparently taken the word "transportation" as meaning operation. Therefore, I point out that the Interstate Commerce Commission has rules by which all charges are segregated and under these the cost of operation is divided into the following: Maintenance of Way and Structures, Maintenance of Equipment, Traffic, Transportation, General.

You say further: "For 1922 it looks as if the Santa Fe will have put 100 million dollars out of earnings into upkeep alone ... The figures for 1922 are as follows, using the same division of accounts as shown above:

Maintenance of Way and Structures	\$ 36,183,241.12
Maintenance of Equipment	51,069,933.12
Traffic	3,900,057.01
Transportation	71,122,569.99
General	5,003,917.67
Other Items, Credit...	375,340.96

Total\$166,904,377.95

You will thus see that your estimate was over \$12,000,000 out of the way, and that the total cost of operation was \$166,904,378, of which maintenance was \$87,253,174.

You intimate that I am trying to impugn your figures. I have no intention of so doing, provided they are correctly used. But may I call attention to the following:

"During the first nine months of 1922, the Santa Fe spent 53.48 per cent of its entire total operating expense on maintenance. In the like period of the years 1914, 1915, 1916, and 1917, it spent 47.35 per cent on maintenance. ... The conclusion is logical that this increase in maintenance is a cover for excessive earnings."

You have made an entirely wrong inference. In the first place percentage of maintenance to total operation is not the correct method of determining relative upkeep, because if transportation costs are diminished or increased while maintenance remains the same, the ratio is at once changed. To illustrate, in 1916, maintenance ratio was 47.90% while in 1917, due to increased cost of transportation caused by the Adamson Act, the ratio decreased to 44.97%. If you had studied our figures for 1921 and 1922, you would have noticed that cost of transportation in 1922 decreased from that in 1921 by over nine million dollars. This was due in part to lower cost of fuel, to less paid in loss and damage, and to other causes, and these decreases at once changed the ratio of maintenance to operation.

In the second place, maintenance of way and structures was heavier in 1922 than in 1921 because we did not spend our usual amount in 1921, and because we are attempting to get our property back to where it was before the war. The Government recognized this deficiency during the war in its settlement with us for the period of federal control. I deny absolutely that expenditures have been made to cover up excessive earnings.

You say further that "The Santa Fe frankly says it has no intention of paying the Government a cent of these excess profits. It says that part of the Cummins-Esch act which requires such payment is unconstitutional." The facts are that the Santa

Fe has made no such statement, nor has it any intention of attacking the law in the manner indicated by you. If we succeed in earning over 6% on our valuation, we expect to follow the law and pay the proper proportion into the Government.

Having answered the portions of your speech pertaining particularly to the Santa Fe, I wish to add that all through your address you were equally unjust to the railroads as a whole. While I am not so intimately acquainted with the figures on other roads as I am with those of the Santa Fe, I do know that your statement that "Not a dollar of excess earnings above the 6 per cent fair-return standard, netted by probably 60 big railway systems under the rate clause of the Cummins-Esch law, has been paid to the Government" conveys an absolutely wrong impression. There will not be found 60 big railroads that have excess earnings—I doubt if there will be 10. You asked the Interstate Commerce Commission for a report on this subject and were given a list of 40 roads. You are aware, I know, that this list of 40 roads comprises only about 4% of the total mileage of the country, and the net earnings of these roads less than 6% of the earnings of the country's railroads. The facts are that the Santa Fe has not earned 6% on its valuation, and therefore under the declaration of Congress its earnings cannot be considered excessive; and the aggregate of the earnings of all Class I railroads is only a little over 4% for 1922. There is, therefore, no possibility that your statement is correct. It must have been made under a misapprehension similar to that about maintenance.

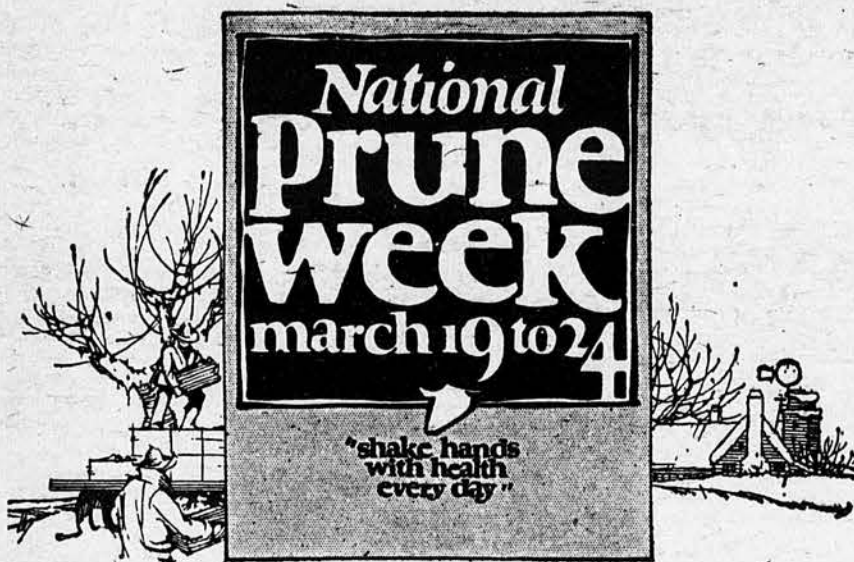
You are attempting to show that all the railroads are prosperous because a few of us are not in bankruptcy. This is no more conclusive than if I tried to show that the farmers have no cause for complaint because the cotton farmers are prosperous and the sheep men doing well. Let us look this question squarely in the face, and I am sure that if you will do this you will conclude with me that the trouble that affects the farmers is the same that affects the railroads, namely, that he gets a low price for what he sells and pays a high price for what he buys. What we both need is restoration of credit. If the railroads have credit, we can take care of increased volume, and with increased volume we can get our costs down. In no other way can this problem be solved.

Very sincerely yours,

(Signed) W. B. STOREY, President,
The Atchison, Topeka and Santa Fe
Railway System.

—Adv.

A11204 974977



Do you remember (it is not so long ago) when prunes were just prunes? Prunes were good to eat, to be sure. But—prunes were something folks ate when fresh fruit wasn't in season. And no one ever dreamed of eating them any way but stewed.

Today—what a difference! Prunes have come into their own. People have come to realize that, since health is in season the year 'round, prunes are always in season too!

The tasteful part of it is that prunes, when rightly prepared, can be made the most favored fruit in your farm fare. Salads, soufflés, puddings, coffee and layer cakes—there's no end to the flavor-full dishes you can make with prunes. National Prune Week is a fine time to find out how good-and-tasteful prunes can be.

Send for recipe folder showing new ways to use prunes every day. And ask your dealer for Growers Brand Prunes—fine, juicy, full-meated prunes grown in our own orchards and packed in our own packing houses. California Prune and Apricot Growers Association, Packers of Growers and Sunsweet Brands, 29 Market Street, San Jose, California. A co-operative association of 11,000 growers.

Growers Brand
CALIFORNIA
PRUNES



Jacks for the Girls

A Complete Outfit

The season for playing Jacks will soon be here. This complete outfit consisting of five nicked jack stones, one solid rubber ball, and a neat little muslin drawstring bag is just what you need. Don't depend upon your girl friends to furnish the jacks, you can own your own outfit. We are giving them away FREE.

GIRLS FREE OFFER

This complete outfit will be given FREE for two one-year subscriptions to *Capper's Farmer* at 25c each—a 50c club. Your father's or mother's subscription will count as one in this club. Send your order TODAY. *Capper's Farmer, Topeka, Kan.*

25 Marbles Free

How would you like to have 25 Flint Agates all different colors? Can you imagine yourself kneeling down to a game of "Boston" with a hand full of marbles that will attract the eye of every boy? The minute the game starts, they will be anxious to get a shot at your marble. Each marble has a variation of several different colors and is just right size for accurate shooting.

SEND NO MONEY

I want every boy reader of this paper to have a sack of Marbles. Just send your name and address on a post card, and I will tell you how to get a sack of Marbles without a cent of cost. A few minutes on our liberal offer will bring you a sack of 25 Flint Agates.

Not a Pottery in the Bunch

M. BERRY
Marble Dept. 60, Topeka, Kansas



For Our Young Readers

How Little Peter Peanut Pulled Old Thomas Cat's Whiskers and What Came of It

PETER PEANUT made a great mistake when he pulled out one of old Thomas Cat's whiskers. If it had not been for Sammy Spool there is no telling just what would have happened to Peter. For when Sammy chanced along Thomas was spanking Peter, and with every slap you would have thought Peter's shell would be broken.



"Do you think spanking will do any good?" asked Sammy.

"It will make him afraid to pull another cat's whiskers," said Thomas.

"But will he know the reason he should not pull them?" asked Sammy. "If I were you I should tell him the reason; that will do more good than spanking."

"I will try it," said Thomas, and let Peter go.

"Tell Peter how sensitive your whiskers are," suggested Sammy.

So Thomas explained. "You see these bristly hairs?" he asked Peter. "Yes," replied Peter.

"These hairs are so sensitive that if they touch anything they give me instant warning. That is one way I can tell when I am near anything, if my keen eye fails to see it first. Also, these whiskers are a very good measuring stick for me. If the outside hairs will go thru a hole, without being brushed backward, I feel safe in trying to get the rest of my body thru the hole."

"I am sorry I pulled your whiskers," said Peter. "I did not know they were so sensitive."

And with that he and Sammy scampered away. Cobb X. Shinn.

With that she clears the deck,
And takes a great big bar of soap
That smells just like the dickens,
And makes me think of henhouse roosts
And mites and lousy chickens.
The suds gets in my eyes and ears
And makes me spit and cough,
But Ma just rubs and scrubs 'til she
'Most takes the peelin' off.
I didn't s'pose things could be worse,
Or life get any tougher,
Until today when she received
A booklet from some duffer.
It says, "A hundred helpful hints
On cleanliness." Oh, gee,
I sure am feelin' awful blue—
What will become of me?
Guess I'll go somewhere and drown,
'Cause I know—yes, sir-ee,
She'll start right in tomorrow
A-tryin' them on me!

—Irene Judy.



Mother gave Billy 50 cents to get a hair cut but neglected to mention the style. Billy has his own idea of a "regular hair cut."

To Keep You Guessing

Read these riddles aloud to the family, withholding the answers, and see how many can guess them. You are welcome to send your favorite riddles for publication here.

What is a good thing to put on a bald head? A hat.

Why should soldiers be rather tired on the first of April? Because they have had a march (March) of 31 days.

What is the difference between 100 and 1,000? 0 (Naught).

What is the only pain of which every one makes light? A window pane.

When is coffee like the earth? When it is ground.

What table do schoolboys dislike? The multiplication table.

Why is a horse the most sympathetic of animals? Because he always listens to a cry of woe (whoa).

Why is a king like a book? Because of his pages.

When is butter like Irish children? When it is little Pats.

When should you lose your temper? When it is a bad one.

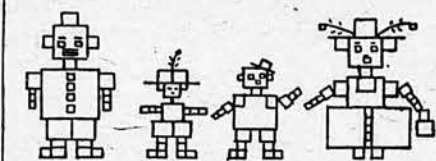
Why do you "laugh up your sleeve?" Because that is where your funny-bone is.

When is a lady's dress like a chair? When it is sat in (satin).

Why is venison never cheap? Because it is always dear (deer).

What is nothing? A footless stocking without a leg.

Why is there no such thing as a whole day? Because every day begins by breaking.



The Square Family

To Twist Your Tongue

Peter packs pie plates perfectly. Andrew's antics aroused aunty's anger.

Edward eats eggs early every evening.

Every eager eagle eagerly echoed every earnest echo.

Seven Swedish servants stole 16 sealskins since Sunday.

Lucky Lucy likes luxurious lemons. Father found five fat frogs fighting fiercely.

Silas saved six slick slim slender saplings.

Little Boy Blues

Life simply ain't worth livin'

No more for little boys;

Seems like there's always somethin'

A-spoilin' all our joys.

It's "Johnny, did you brush your teeth?"

And "Have you washed your ears?"

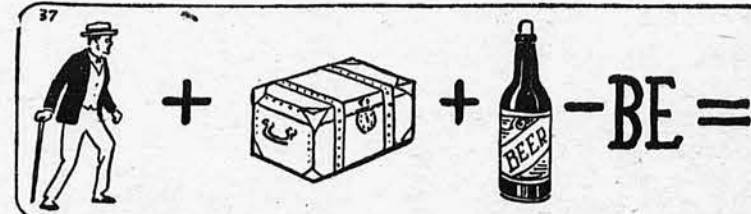
And "Don't forget to comb your hair—"

That's all a feller hears.

And then Ma says, "Now come right here."

And let me see your neck.

My gracious sakes! You dirty boy—"



When you have found the name of the city represented in this puzzle send your answers to the Puzzle Editor, the *Kansas Farmer and Mail and Breeze*, Topeka, Kan. There will be a package of postcards each for the first 10 boys or girls answering correctly.

Health in the Family

BY DR. C. H. LERRIGO

Insanity is Often Caused by Certain Diseases Easily Prevented

IN the United States the hospitals for the insane are under the necessity of constantly increasing their facilities. Such institutions now shelter over 1/4 million people, a number that is difficult to visualize, more than one-eighth as many people as there are in the entire state of Kansas.

Of course, Kansas has her own share of these insane people, as you will guess when you hear the expense of operating our two largest hospitals for insane during the last biennium. The hospital at Topeka spent \$847,348.33; the one at Osawatomie, \$731,506.48; the total being more than 1 1/2 million dollars.

The fact that we must care for these unfortunates is beyond dispute. It is a responsibility that no one will try to evade. But why not go to the root of the evil and try to reduce the number? One in every eight of these patients is there because of the venereal disease known as syphilis. This is a preventable disease; and is one that may be stamped out by proper education and proper precautionary measures. So we spend in Kansas in a single biennium, nearly \$200,000 in caring for people who are insane because of a preventable disease which we do not try to prevent. One begins to wonder whether there are not as many insane persons outside the institutions as inside.

Goiter and Heart Disease

Is there any danger of contracting chronic heart disease following goiter?
MRS. E. R.

Goiter is a disease that has a very severe effect upon the heart and a patient should give very special attention to see that the heart is not overtaxed. There should be no work that involves strain, and especially should the patient avoid work that calls for haste or heavy lifting.

Transmission of Asthma to Children

My husband has asthma but I am strong and have fine health. If we were to have children would they likely have asthma?
I. R.

Formerly it was a pretty well settled thing that the children of an asthmatic person were quite likely to have a predisposition to the disease. Of late years it has been discovered that there are many peculiar reactions on the part of the asthmatic, and that these reactions, if found, may be removed. I would suggest, however, that instead of first allowing the children to come and then finding the cause of the asthmatic tendency, the research be conducted on the father and a cure made without delay.

Pork Exports Decrease in 1922

Exports of pork and pork products from the United States were less in 1922 than in 1921, according to reports of the United States Department of Agriculture. This decrease was due to smaller shipments of bacon and lard. Exports of bacon amounted to but 170,919 short tons, compared with 207,678 tons during 1921.

Lard exports amounted to 383,475 tons, compared with 434,447 tons. Exports of hams and shoulders, however, increased, totaling 144,807 tons, compared with 116,162 tons in 1921, and exports of pickled pork amounted to 19,314 tons, compared with 16,421 tons during the previous year.

January and February Weather

As a rule the average temperature for February differs only slightly from that of January, according to records of the Weather Bureau, United States Department of Agriculture.

Cold waves frequently sweep down from the British Northwest during this month and sometimes bring extremely cold weather. During the memorable cold wave of February, 1880, the zero temperature line was carried southward to some localities along the East Gulf Coast. Twenty-five degrees below zero have been recorded during this month as far south as Kansas and Missouri.

However, toward the latter part of

February there is usually a noticeable warming up, particularly in the Southern states; along the immediate Gulf Coast killing frost does not occur as a rule after the 20th of the month.

Throughout the Plains states and at the lower elevations of the Rocky Mountain and Plateau regions precipitation usually continues light in amount, the average for February ranging from about 0.5 to 1 inch, occurring usually in the form of snow. In the Pacific Coast states the rainy season continues during February, but the amounts are somewhat smaller

than in January in the northern portion of the region and considerably smaller in the central and southern portions.

Precipitation is infrequent during February between the Mississippi River and the Rocky Mountains, the average number of days with .01 inch or more ranging from less than three to about six. It is rather frequent in the Northeast, especially in the Eastern Lake region, where precipita-

tion occurs on about 12 days of the month, while along the extreme Northern Pacific Coast two-thirds of the days, on the average, have rainfall.

Another Farm Bureau Story

Not long ago some farmers in one end of Doniphan county got the idea that they must have their cattle tested for tuberculosis. A few of them thought they might try area work, but when a canvass was made of the region it was found that not enough petitioners could be obtained. Accordingly it became an

of the herds. Two of the cows belonged to men who were not farm bureau members and now they say that is why the cows were reported as reactors. In reply to this Mr. Dillenback says he did not know that tuberculosis was any respecter of cattle, persons or farm organizations. The owners intend to have the cows retested.

Dust Particles in the Air

In connection with the solar radiation work of the Weather Bureau, United States Department of Agriculture, a daily count is now being made of the number of dust particles in the atmosphere at Washington. To make the count, the air pressure within the dust counter is suddenly decreased, causing a line of dust to be precipitated on glass, where the particles are counted with a microscope having a magnification of 1,000 diameters.

On quiet mornings as many as 3,000 dust particles to the cubic centimeter have been counted, but on clear mornings following precipitation the number drops to 150. Most of the particles appear to be extremely fine minerals or organic matter from the earth's surface, although some unconsumed carbon from smoke, gypsum, and calcite from building operations, and diatomaceous material have been observed.

Undoubtedly there are many particles which, while large enough to act as nuclei for condensation, are too small to be seen thru a microscope with a magnifying power of 1,000 diameters.

What has been your most valuable farm implement or machine? Send us a brief statement of your views on this subject. Your experience may be helpful to someone else.

A Book Every Farmer Ought to Have

YOU have all heard a great deal about the "Farm Bloc," but how many of you really know what it is? Why it was organized? What it has accomplished and what its ultimate aims are?

A recent book by Arthur Capper, United States Senator from Kansas, entitled "The Agricultural Bloc," gives a complete history of this great cause so vital to the interests of the American farmer.

The Kansas Farmer and Mail and Breeze has been fortunate in obtaining a limited number of these books and will be pleased to send one to any of its subscribers along with a year's subscription to the Kansas Farmer and Mail and Breeze on remittance of \$1.50. Address, Kansas Farmer and Mail and Breeze, Dept. 10, Topeka, Kan.—Advertisement.

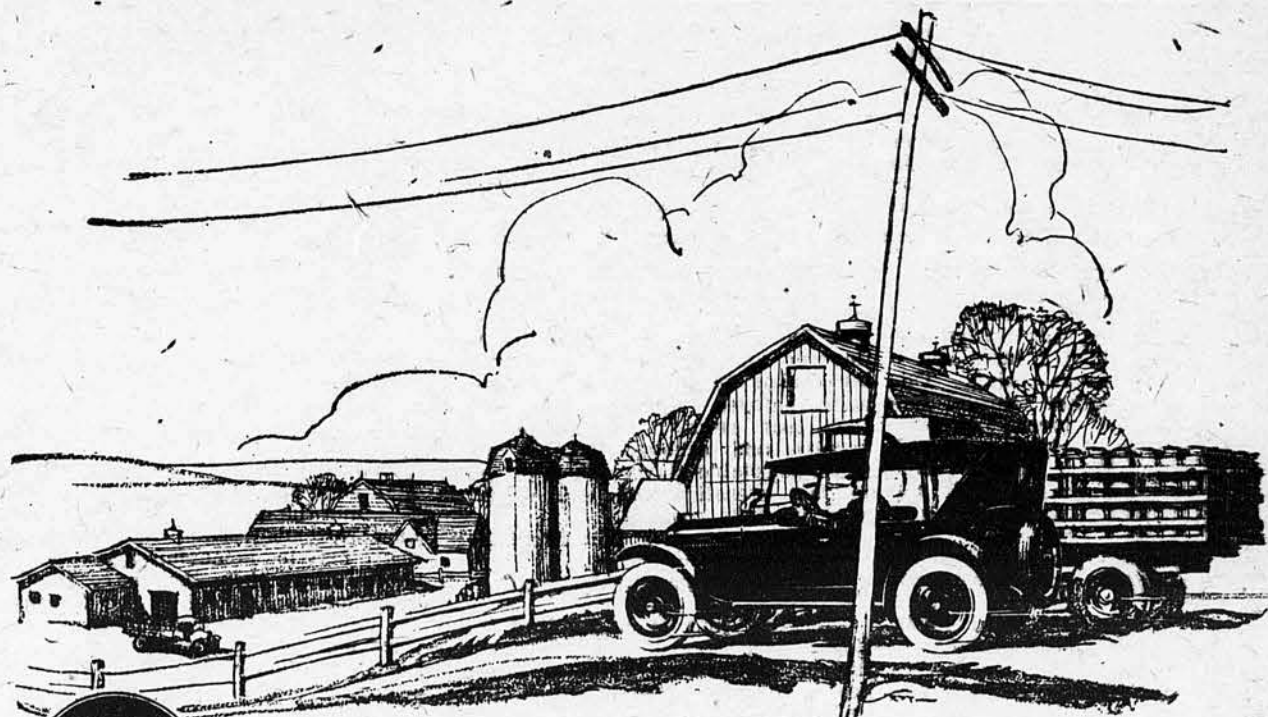
than in January in the northern portion of the region and considerably smaller in the central and southern portions.

Precipitation is infrequent during February between the Mississippi River and the Rocky Mountains, the average number of days with .01 inch or more ranging from less than three to about six. It is rather frequent in the Northeast, especially in the Eastern Lake region, where precipita-

individual proposition, but enough agreed to make the test so that the veterinarian offered a special rate.

The county agent, F. H. Dillenback, went with the veterinarian as a matter of courtesy both to him and the cattle owners. Furthermore he was interested in the work because he knows how dangerous bovine tuberculosis is to the livestock and to the welfare of the people.

Three reactors were found in three



It is a fact, proved over and over again, that the Hupmobile costs less to maintain over a period of three years, or longer, than any other car built today.

Owners of passenger car fleets have demonstrated Hupmobile's unequalled economy beyond any possibility of doubt.

After experimenting with various cars, they have finally standardized upon the Hupmobile as giving lowest cost service in the long run.

There is no secret about Hup-

mobile economy. It begins with its better engineering design, and comes down to the fact that finer, more durable parts are used where wear and durability promote longer life and lower costs.

Most of these parts are concealed within the motor, transmission, or rear axle, where the average owner never sees them.

Any disinterested repair man will tell you, however, that judged solely by the way it is built, the Hupmobile is really a fine car at a low price.

Touring Car, \$1115; Roadster, \$1115; Special Touring Car, \$1215; Special Roadster, \$1215; New Two-passenger Coupe, \$1385; Four-passenger Coupe, \$1535; Sedan, \$1675. Cord tires on all models. Prices F. O. B. Detroit—Revenue Tax Extra

Hupp Motor Car Corporation, Detroit, Michigan

Hupmobile

Our Kansas Farm Homes

Mrs. Ida Migliario
~EDITOR~

How Kansas Kitchens Are to be Graded in the Kitchen Campaign

AT A recent meeting of the Home Demonstration Club of Tecumseh, Harriet Allard, home management specialist of the Kansas State Agricultural College gave a preliminary talk about the kitchen improvement campaign which will be launched in Shawnee county in April. This campaign is going on now in many parts of the state and there

was moved around on scrubbing days it scratched and tore the linoleum. So there it was really economy to spend 25 cents.

I believe we would all enjoy scoring our kitchens just to find out how many little things we might do to improve them with little outlay. Here is a copy of the card which the extension service of the college is plac-

ed if it cannot, and the only thing left for the owner to do is to give the stove a thorough cleaning twice a year. While various makes of oil stoves vary in details, the general principle of supplying fuel thru a feed pipe underneath the burners is practically the same in all stoves, and right here is where the trouble usually is found. Filth and dirt in oil is one form of stoppage; the other is carbon from the wicks. The former can be eliminated entirely by straining the fuel oil and the latter can be greatly, but not wholly, prevented by cleaning wicks at least once a week.

Even when the burners have been given the best of care, they should be removed once a year and thoroughly cleaned. I find nothing so good for this purpose as steel wool, No. 2. It is far superior to sandpaper for the reason that it leaves no grit to grind and grate in the burner after it is replaced.

us be large in thought, in word, in deed. Let us be done with fault finding and leave off self seeking; may we put away all pretense and meet each other face to face without self pity and without prejudice. May we never be hasty in judgment, and always generous. Let us take time for all things; make us to grow calm, serene, gentle. Teach us to put into action our better impulses, straightforward and unafraid. Grant that we may realize it is the little things of life that create differences; that in the big things of life we are as one. May we strive to touch and to know the great common woman's heart of us all, and Oh Lord God, let us not forget to be kind.

IT AIN'T the guns nor armament, nor funds that they can pay.
But the close co-operation that makes them win the day.
It ain't the individual, nor the army as a whole,
But the everlasting teamwork of every bloomin' soul.

—Kipling.

are some wonderful discoveries being made. On first thought we imagine it means a great, big expenditure of money but that isn't it—not at all.

For instance, Mrs. Allard told of one kitchen that came out with a very low score, due to the seeming impossibility of ventilating it properly. On investigation it was found that the upper sashes of the windows were nailed tight. The nails were pulled out so the sashes could be lowered. That kitchen's score took a big leap because the hot, steamy and grease-laden air was allowed to escape and the worker could perform her duties in comfort. Not one cent was expended.

For 25 cents the score of another kitchen was raised by investing in casters for the wood box. The box was heavy and bunglesome, when it

ing in the hands of those who are interested. How does your kitchen score?

Light and ventilation.....	10
Light.....	4
Ventilation.....	6
Ease of cleaning.....	7
Walls, woodwork, ceiling.....	15
Woodwork.....	8
Ceiling and walls.....	10
Floor.....	25
Equipment.....	9
Arrangement.....	4
Height of working surfaces.....	4
Ease in moving.....	3
Small utensils.....	3
Covering of working surfaces.....	15
Water Supply.....	8
Water.....	7
Disposal of Waste.....	8
Cooking Facilities.....	5
(Kind of Stove—Location—Fuel Container)	
Storage.....	5
(Refrigerator—Cellar—Cupboard)	
Attractiveness.....	5
(General Appearance)	

Mrs. Ida Migliario.

Roasting on Top of a Stove

Among the gifts that found their way into my kitchen this winter was a cooker-roaster which I have had a great deal of pleasure using. This utensil has some rather unusual features. The principle on which it is constructed makes it unnecessary to add water to any food that has a normal amount of moisture



present. Of course, all dried foods, such as beans, or macaroni have to be cooked in additional water but potatoes, onions, turnips, cabbage and others of like nature have enough water in them. Meat does not require an addition of water, either.

Foods will not burn because the aluminum utensil is fitted into an extra bottom of steel. Between this and the aluminum bottom is an asbestos pad. This roaster requires only a small amount of heat to maintain an even temperature and so it is possible to economize on fuel.

Straight Sides are Commendable

I like the straight sides to the roaster; they make it easy for one to handle foods. Another interesting feature is the cover, which is fitted with a valve that can be opened or closed. When the valve is opened the utensil is just an ordinary roaster but when it is closed and the lid clamps put in place foods cook as if they were in an oven. Meats can be roasted right on top of the stove—there is no need of using the oven. Whenever one wishes to have a food dry, as in the case of a baked potato, the valve can be opened after a certain time stipulated in the recipe.

I have prepared chicken, beef and pork roasts in my cooker-roaster. These have been seasoned and placed in the roaster without any water whatsoever. However I have seen to it that there was extra fat present. For the chicken I put several strips of bacon in the bottom of the roaster; I used suet for the beef and fat for the pork. The meats have a splendid

flavor and the gravy made from the liquor is delicious. Frequently I add potatoes when the meat is about one-half done. They are unusually well flavored and mealy, due to their being cooked in their own moisture. I never enjoyed "watery" foods and I find that onions, carrots, parsnips, turnips and cabbage have a much more delectable flavor when prepared in this utensil where less water is used in their cookery.

Mrs. Ida Migliario.

How to Prevent Freckles

Freckling time is on its way if the first warm rays of the sun are the correct indicators. Freckles are annoying to those who seem to be chosen by nature to wear them. The little collections of brown color pigment are difficult to scatter so really the best thing to do is to prevent them.

One who freckles easily should not go out-doors without first putting on a face cream that is made especially to protect tender skins. There are several such creams on the market every one of which is an excellent preparation.

But if the freckles are already there you will find a good freckle cream an excellent scatterer of these little patches of brown. If you would like to know the names of these I shall be glad to send them to you on receipt of a stamped, addressed envelope. By trying them you will be able to find the one that seems to be best suited to your skin.

Helen Lake.

Why it Pays to Clean Stoves

Oil-burning cook stoves are so popular now that one can scarcely find a rural home without one, yet few persons give them the simple care they should have, and must have for satisfactory results. Having had considerable experience with oil-burning stoves of practically every make, I often am called upon to go over stoves, find the trouble and remedy it, if possible.

I feel safe in saying fully 24 stoves in 25 that give trouble, so because of dirt. While much of this obstructive substance can be avoided, some

Patriotic Club Meeting

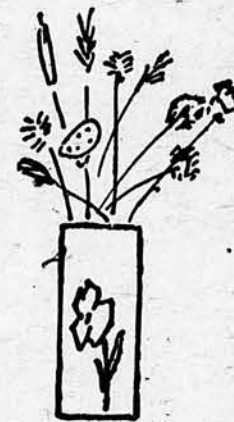
The Effingham Community Club had a splendid patriotic program in February. The hall was lavishly decorated with flags, large and small, National bunting, Red Cross symbols and framed pictures of Lincoln, Washington and Wilson. This was the program:

Opening Song—America.
Roll Call—Quotations or patriotic sayings.
The Flag—Its origin and history.
Proper manner of displaying flag.
Life of Abraham Lincoln.
Piano duet—Stand Up for Your Flag.
Life of Woodrow Wilson.
Principal events during his administration—(a) World War, (b) League of Nations, (c) Red Cross.
Song—Battle Cry of the Republic.
Washington drill and Washington birth-day song, by 32 primary school children.
Your Flag and My Flag—Two small boys.
National Flag Salute—Two small boys.

The Effingham Community Club uses the following invocation:
Keep us, O God, from pettiness; let

If You Like Fancywork.

If you would like some patterns for trimming lingerie, table linen, handkerchiefs, children's clothing or your own dresses, you will be interested in the book from which this design was taken. It contains large and small motifs for beading and embroidery, a number of handkerchief corners, a yoke pattern in the peasant design, two styles of the alphabet, and several patterns using the popular cross stitch. The patterns are transferable either by the hot iron method or rub-on process. Ask for Book No. 300 and address your order to the Fancywork Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. The book sells for 15 cents.—Adv.



EIGHTEEN girls taking vocational home economics at the Wakefield Rural high school have learned that keeping record of the kind of food we eat, and the quantity, helps us to regulate our diet and to eat the proper foods. Last November, Nina B. Crigler, state home demonstration leader, and W. Pearl Martin, home nursing specialist, spoke to the girls about good health habits. Since then, they have filled out the food calendars furnished by the extension department of the Kansas State Agricultural College.

Some of the girls had to change their diet but very little, while others were not getting enough green vegetables and too many starchy and sweet foods. A number who did not like milk found they could get the desired amount—at least a pint a day—by drinking cocoa and eating cream soups, custards, and so forth.

Two months later when the girls were scored again, many had gained, and several girls who were overweight had lost a few pounds. This is not all—the girls are better looking, are more energetic and they have more "pep." The results were worth the effort, don't you think?

Now 14 of the girls have "adopted a little sister" from the lower grades to whom they teach the things they have learned about good health. The little sisters are shown how to keep the score cards, big sister helping wherever she can. Not more than three small girls can be chosen from the same grade for "adoption."

Florence K. Miller.



"Big Sisters" of the Wakefield Rural High School Drinking Milk—One of the Foods They Find is Best for Them

Styles Display Gay Colors

Extracts of Fashion's Collection of One Piece Dresses for Spring and Early Summer

BY MRS. HELEN LEE CRAIG



1680—Women's Dress. For those days soon to come when you'll be discarding your heavy wraps, this dress will be just the thing to wear. Sizes 34, 36, 38, 40, 42, 44 and 46 inches bust measure.

1673—Women's Dress. The combination of two materials is found in many new dresses. Sizes 16 years and 36, 38, 40, 42 and 44 inches bust measure.

1593—Child's Dress. Sizes 6, 8, 10, 12 and 14 years.

1687—Women's Dress. A jaunty model for serviceable wear is shown. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

1679—Child's Dress. The cunning style shown combines a plain and checked cotton crepe. Sizes 2, 4, 6 and 8 years.

1683—Style for Stout Women. The long lines of this good-looking model make it an excellent style for the woman of full build. Sizes 36, 38, 40, 42, 44, 46 and 48 inches bust measure.

1678—Child's Dress with Bloomers. Dresses that hang from the shoulders and boast a pair of matching bloomers are smart for small folk. Sizes 2, 4, 6, 8 and 10 years.

1167—Women's Afternoon Dress. Sizes 36, 38, 40, 42 and 44 inches bust measure.

1674—Child's Dress. Jackets are as fashionable for juniors as for grown women. Sizes 6, 8, 10, 12 and 14 years.

These patterns may be ordered from the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka Kan. Price 15 cents each. Give size and number of patterns desired.—Adv.

Bias Tape as a Trimming

Sewing this spring need not worry the woman who buys several bolts of bias tape for her underwear. Before sewing, I always fold over and press my tape, making a crease in the center. This makes it much easier to sew on as a binding. Pink and white checked gingham tape binds the yoke of the gown in the illustration. To make the bow ornament, simply baste the tape in position and stitch on the machine. The combination is most attractive finished with a plain wide blue tape as the design above. If narrow tape is used, the shoulder straps should be made of the white material and both edges bound with

the blue tape. When the tape is narrow, make a hem of your white muslin at the top of the combination. Place the blue bias tape at the heading of the hem where it is stitched. This gives a place for the ribbon to be run thru at the top.

Audrey Myers Guild.

Patterns No. 9725 (the gown) and 9588 (the combination slip) may be ordered from the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. Sizes 16 years and 36, 40 and 44 inches bust measure. Price 15 cents each.—Adv.

Spring Fashion Notes

Hats are wonderful this spring—a becoming style for every type of face. In a way, they are medium large rather than very large or very small as were the winter hats, altho the toque effect and turban style are strongly represented. Brims are irregular, being broad in the front or sides and almost brimless in the back, raised on one side while drooping toward the other.

Taffeta, satin, combinations of horse hair, picot and laize give one a vast scope for choice and they may be trimmed in ribbon, lace, metal, flowers or silk, velvet or lacquered. All flowers are shown in colorings of pastel as well as in crude brilliant contrasts. Some sport hats are made entirely of inch-wide faille ribbon in brilliant colors.

There is one point to be remembered in choosing a hat; if you are wearing a collarless dress or coat choose a down-sloping brim; if a high neckline, a brim turning away or up. This general idea holds good with every change in style or season, for it is one of the fundamental facts of correct costuming.

The Bertha Collar

Tho the fashion of the collarless neck finish holds its own the demand for a softer line has revived and is quite fascinating in its variety. If you do not care to go to the extra expense of buying these new berthas ready made you may make them quite easily yourself. There is the handkerchief style with points over the shoulders, back and front. The circular one is made in like manner only the points are rounded off. There is a straight, plaited or gathered collar, and a collar with a bib effect.

Take an inventory of your lace, net or organdy scraps, the neckline of your dress and see what a lovely thing may be created from a few cast-offs for dainty collars of lace are a woman's birthright.

Sidney Margaret Gardiner.



"Come on and sit down."

Kellogg's are all ready to eat"

Kellogg's Corn Flakes are all ready to serve. No trouble for little hands or mother's hands to prepare a meal where Kellogg's have won their way! No bothersome cooking, no pots to soak and scrape!

Make your breakfast of Kellogg's Corn Flakes instead of heavy, greasy foods and mark down how much better you feel; how much better you work or play. Kellogg's are satisfying and sustaining, but they give the stomach a chance to get going right!

Over a million packages of Kellogg's are made and sold every day. This means the daily use of more raw corn than a 450-acre farm can produce in a whole season.

As a special treat serve Kellogg's Corn Flakes with your favorite stewed fruit, or with bananas or other fresh fruit in season. Just great!

Kellogg's Corn Flakes are sold only in the RED and GREEN package that bears the signature of W. K. Kellogg. None are genuine without it.

Kellogg's CORN FLAKES

Also makers of Kellogg's KRUMBLES and Kellogg's BRAN

GOOD SEEDS

Grown From Select Stock—None Better—53 years selling good seeds to satisfied customers. Prices below all others. Extra lot free in all orders I fill. Big free catalogue has over 700 pictures of vegetables and flowers. Send your name and neighbors' addresses. R. H. SHUMWAY, Rockford, Ill.

RELIABLE WINFIELD TREES

Buy Direct from the grower at REDUCED PRICES. Fruit, Shade, Seedlings, Ornamental Trees, Roses, etc., grown right and true to name. New FREE FRUIT BOOK with colored illustrations. Write today. THOS. ROGERS & SONS, PO BOX 100, WINFIELD, KANSAS

20 CONCORD GRAPE VINES...\$1, Postpaid
8 ELBERTA PEACH TREES...\$1, Postpaid
10 HOUGHTON GOOSEBERRY...\$1, Postpaid
Also many other big bargains. Save 50% or more. Don't buy until you get our LOW PRICES. Catalog FREE. Write today. Fairbury Nurseries, Box J, Fairbury, Nebr.

COMPLETE HOME ORCHARD \$5

Finest quality trees; hardy, guaranteed. Big saving to you. Full line plants, vines, shrubbery, etc. Prices greatly reduced. Write today for FREE Catalog and List of Bargains. NORTH BEND NURSERIES, Box 15, North Bend, Neb.

FREE

TO LAND OWNERS
The most valuable Farm reference book ever published. Ropp's New Calculator will save you many a dollar in time and trouble. We send it FREE to farm owners along with our new catalog on SQUARE DEAL FENCE
The right fence at the right price for all your farm needs. Looks best, lasts longer, and the cheapest fence in the end for any farmer to buy. Catalog tells why. Your name on a post card brings Ropp's Calculator and Square Deal catalog—both FREE. Write for them if you want to save money. KEYSTONE STEEL & WIRE CO. 2101 Industrial St. Peoria, Ill.

FREE SEED CATALOG

Complete garden guide. Contains valuable information and suggestions. Carefully selected and tested **DEPENDABLE SEEDS** for the Vegetable and Flower Garden. Delivered anywhere, postpaid. Packet Mountain Columbine seed FREE to early requests for catalog. **WRITE TODAY.** COLORADO SEED CO. Pedigreed Seeds Denver, Colo.

MONEY from your garden!

Free Books Tell How
You can make nice extra profits from your garden and have better vegetables for your own use if you plant highest quality tested seeds and follow the practical direction of experts. Barteldes' 56th Annual 1922 Seed Catalog and Barteldes' Garden Guide will be a great help to you. These fine books contain everything you should know to have a better garden. Both books are free. Send a postcard for yours today. **BARTELDES SEED CO.** 406 Barteldes Bldg. Lawrence, Kans. Denver, Colo. **FREE**

BOYS AND GIRLS

Earn Cameras, Rabbits Raincoats, Fountain Pens
Sell 30 packets of garden seed at 10c, keep \$1 or select premium. Send for order blanks and FREE premium list. **FOUR STATES SEED COMPANY** Dept. E Texarkana, Arkansas

BIG FENCE SALE

LOW PRICES NOW on all 164 styles of OTTAWA FENCE and GATES—Less Than Wire Mill Prices. Satisfaction Guaranteed or Money Back. Write for FREE BOOK and Cut Prices. OTTAWA MANUFACTURING COMPANY, 101-D Union Street, Ottawa, Kansas.

There is no "Just As Good"

Don't accept substitutes—don't buy baking powder that is supposed to be just as good as Calumet—don't think that a big can at a low price means a real saving. Use

CALUMET

The Economy **BAKING POWDER**



BEST BY TEST

Avoid disappointments. Millions of housewives are using Calumet because of its dependability. They know that the bakings will always turn out just right. Pies, cakes, biscuits, muffins, will always be perfectly raised, light and wholesome if you use Calumet, the real economical leavener.

Calumet sales are 2½ times as much as that of any other brand—always call for it.

THE WORLD'S GREATEST BAKING POWDER

Wonderful Resurrection Plant Free

The Resurrection Plant, Mentioned in the Bible as the "Rose of Jericho"



OFFER This Resurrection Plant will be sent free and postpaid with an eighteen-month subscription to Capper's Farmer at 25c and 10c extra to pay for packing and postage (35c in all). Subscription may be new or renewal. CAPPER'S FARMER, TOPEKA, KAN.

CABINET GIVEN

How many words can you make using only the letters found in the word Cabinet? If you can make as many as twenty, send in your list at once and I will tell you how you can get a beautiful Kitchen Cabinet without spending a cent of your own money.

Here are a few words you can make: eat, tab, bit, can. Do not use the same letter twice in any word. Only words that can be found in Webster's International Dictionary will be counted.



You Can Be the Lucky One

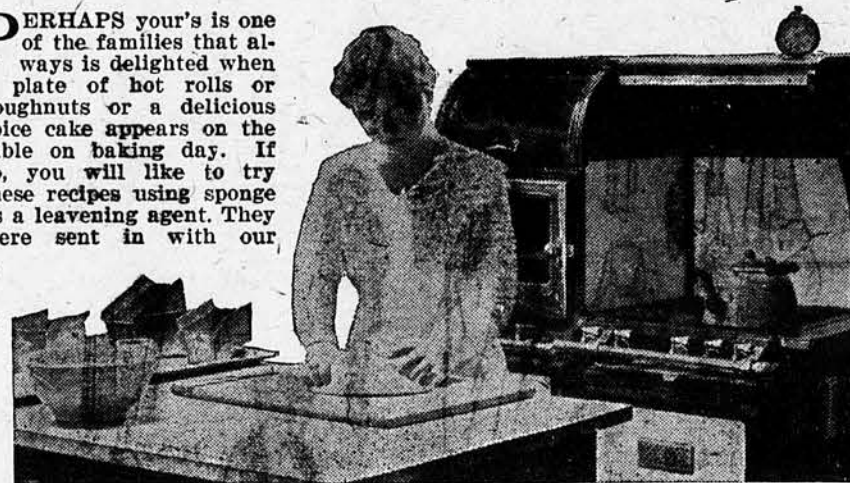
This puzzle looks easy, but if you can make as many as fifteen or twenty words send in your list at once. I will enter your name with credit for 50,000 points, and send you full particulars. Another 25,000 points will be given to each one who joins the club. The club member having the largest number of points to his credit at the close of the club gets the Kitchen Cabinet. This wonderful Kitchen Cabinet has all the latest conveniences. It is the housewife's best friend. If you want it, send your list of words at once to

Bobby Conklin, Desk 25D, 8th & Jackson Sts., Topeka, Kansas

Eight Baking Day Delights

Sweet Bread and Cake, Doughnuts and Rolls—
All Using Sponge for a Starter.

PERHAPS your's is one of the families that always is delighted when a plate of hot rolls or doughnuts or a delicious spice cake appears on the table on baking day. If so, you will like to try these recipes using sponge as a leavening agent. They were sent in with our



bread making contest letters.

Oatmeal Bread

1 cup rolled oats 2 cups boiling water
1 tablespoon drippings ¼ cup molasses
½ teaspoon salt 2 cups sponge
White-flour

Mix the oats, shortening, salt and molasses with the boiling water. When cool add the sponge. Then proceed as for making white bread.

Phillips Co., Colo. Mrs. W. E. S.

Sweet Buns

1 pint light sponge ½ cup shortening
1 cup scalded and 1 cup sugar
cooled sweet milk ½ cup raisins or
2 eggs currants

Prepare dough as for bread, roll out and cut with biscuit cutter.

Wichita County. Mrs. C. W. N.

Sponge Spice Cake

Mix together 2 cups sponge, ¾ cup butter, 1½ cups sugar, 1 cup flour, 3 eggs (whites beaten stiff and added last), 1 teaspoon each of favorite spices, including ginger and chocolate, 1 teaspoon soda dissolved in ½ cup hot water, 1 cup raisins and ½ teaspoon salt. Pour mixture into a floured pan and bake at once in a moderate oven. This is delicious covered with caramel icing.

Mrs. F. L. L.

Washington County.

Kolaches

Mix sponge as for bread in the evening. Let rise until morning, then add ½ cup sugar, ½ cup lard or butter, 1 beaten egg, a little salt, 1 quart scalded milk (used lukewarm) and flour to make a soft batter. Beat hard for about 5 minutes, and add flour to make a batter stiff enough so that it will not run. Knead about 20 minutes. Put in a bowl and let rise until light, then knead again and let rise again. Roll out about ½ inch thick and cut with a small cookie cutter. Place 3 inches apart on a greased pan and brush well with butter. Let rise again in a warm place until light, then with your forefinger press out the centers to form a nest. Fill with any kind of fruit butter and a little coconut. Bake in a quick oven. When done, brush with melted butter.

Republic County. Mrs. J. B.

Parker House Rolls

Scald a pint of milk (or use 1 pint of fresh, warm milk) and when lukewarm, add 1 cup of starter or 1 cake of yeast. Beat well, then cover and let stand over night. In the morning, add 1 teaspoon salt, 2 teaspoons sugar, ¼ cup melted butter and flour enough to make a rather soft dough. Let rise, roll out ½ inch thick, cut into biscuits, press down center with back of knife handle, spread with soft butter, fold and press together. Put in pans about 2 inches apart, brush with milk and when very light, bake in a quick oven.

Rice County. Mrs. W. A. F.

Coffee Cake

Place ¾ cup butter, ¾ cup sugar and 1 teaspoon salt in a crock. Pour over them 1 cup scalded milk, stir until butter is melted, then add 1 pint beaten down sponge that is ready for dough. Add enough flour to make a light, firm dough, cover, let rise and work down the same as for ordinary bread. Put in pans and cover

with butter, then spread with a mixture of five parts sugar to one part ground cinnamon. The dough may be cut in strips, rolled in the cinnamon mixture and braided in the pans.

Riley County. Mrs. C. A. H.

Mince-meat Rolls

Roll out bread dough, spread with butter and then with mince-meat. Roll up and cut the same as for cinnamon rolls. Let rise until very light and bake in a moderate oven.

Cloud County. Mrs. R. W. H.

Bread Doughnuts

4 cups sponge 1 teaspoon nutmeg
¼ teaspoon salt ½ teaspoon soda dissolved in 2 cups warm water
2 eggs

Mix quite stiff with flour, let rise, roll out and cut. Let rise again and fry in hot lard. Drain on brown paper and roll in sugar. Bread doughnuts do not absorb so much grease as other doughnuts and we like them better.

Mrs. F. E. P.

Lincoln Co., Colorado.

Women's Service Corner

Our Service Corner is conducted for the purpose of helping our readers solve their puzzling problems. The editor is glad to answer your questions concerning house-keeping, home making, entertaining, cooking, sewing, beauty, and so on. Send a self addressed, stamped envelope to the Women's Service Corner, Kansas Farmer and Mail and Breeze, and a personal reply will be given.

How to Make Wool Flowers

How do you make wool flowers?—E. B. Our fancywork Book No. 12 gives complete directions for making wool morning glories, thistles and leaves. In this book are also to be found motifs for patch work and applique. The patterns are suitable for children's dresses, household and personal linens. A number of crochet patterns for narrow edgings are given, also. You will find instructions for making these very clear. This book sells for 15 cents. Send your order to The Fancywork Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

What Kind of Paste?

Mrs. E. B. has written in asking how to make paste. There are so many kinds of paste I do not know just what kind is desired. If she will tell me for what she wishes to use it I will be glad to send a recipe.

Civil Service Examinations

To whom should I write to secure information concerning a civil service examination?—A. R.

Write to the postmaster in your nearest city.

Raisin Sauce

I would like to have a recipe for making a raisin sauce to be served with an oven or a pot roast.—R. P.

Here is the recipe you wish:

¼ cup butter 1 cup meat stock or
2 tablespoons flour boiling water
1 tablespoon salt ½ cup chopped raisins
Dash pepper 1 tablespoon lemon juice

Brown the butter and add to it the flour, salt and pepper. Then add the meat stock or water. Cook until the mixture thickens and add the raisins and lemon juice.

The Farmiscope

Changing Type

"I heard Mabel said when she married that she had selected the very flower of her admirers. To what particular bloom did she liken him?"

"At first she thought he was the pink of perfection, but when the baby came to claim her attention, he was just a mere poppy."

Back to the Primitive

Mr. Urbansky—"I see your boys are having a great time up there on the hill signaling—playing Indians, I suppose?"

Farmer Henleigh—"Playing nothing! They're signaling the price of eggs to the next farm—our telephone service is so doldered punk."

A Bright Girl

Granny (who doesn't like modern manners)—"You girls are so useless nowadays. Why, I believe you don't know what needles are for!"

The Youngest—"What a dear old granny you are! Why, they are to make the gramophone play, of course."

One Advantage

"Why do you feed every tramp who comes along? They never do any work for you."

"No," said his wife, "but it is quite a satisfaction to see a man eat a meal without finding fault with the cooking."

"A Fool There Was"

Charlie—"But I asked you, dearest, to keep our engagement a secret for the present."

Claire—"I couldn't help it. That hateful Ella said the reason I wasn't married was because no fool had proposed to me, so I told her you had."

Sign of a Superior Hat

"Choose the hat that is most becoming to you," says a fashion hint. Why not: "Choose the hat that will make your husband maddest when he gets the bill."



Cat—"That dog growls with his mouth like he was mad and wags his tail like he wanted to be friendly."

Food Saving

"Well, Ezri, how'd jer make out with our summer boarders this year?"

"Fine! Best season I ever had. There was seven, all told—three couples in love an' a dyspeptic."

Too Much Agreement

Edith—"I think Jack is simply wonderful."

Ella—"Yes; the trouble is he thinks so, too."

Bit of a Mystery

They were seated beneath a tree in the park, and the moon was shining to make one's thoughts turn to love.

Presently the girl said: "Oh, James, dear, I can't understand why you lavish your affections on me above all the other girls in the world. Do tell me why it is."

"Blowed if I know, Jenny," he replied, "and all my pals say they're blowed if they can make it out, either!"



"Willie Owl, are you playing hooky from school?"

"I should say not; don't you know that I am going to night school?"

Jazzing Whiskers

Little Teddie was full of questions. Approaching the aged man on the pier again, he said:

"What time does the tide come in, Mr. Fisherman?"

The aged man looked at him wearily. "I've told you several times already, you young rascal," he said. "At 5:55."

Then little Teddie explained.

"Yes, I heard you the first time, but I like to see your whiskers wobble when you say 5:55."

Nothing New

An old physician of the last generation was noted for his brusque manner and old-fashioned methods. On one occasion a woman called him in to treat her baby, who was slightly ailing. The doctor prescribed castor oil.

"But, doctor," protested the young mother, "castor oil is such an old-fashioned remedy."

"Madam," replied the doctor, "babies are old-fashioned things."

Still Undecided

Visitor—"Why does your servant go about the house with her hat on?"

Mistress—"Oh, she's a new girl. She only came this morning, and hasn't yet made up her mind whether she'll stay."

The Jonah

"Now children, said the Sunday school teacher, 'I have told you the story of Jonah and the whale. Willie, you may tell me what this story teaches.'"

"Yes'm," said Willie, the bright-eyed son of the pastor; "it teaches that you can't keep a good man down."

Fast Work

A lady who had just received an interesting bit of news said to her lit-

tle daughter: "Marjorie, dear, auntie has a new baby, and now mamma is the baby's aunt, papa is the baby's uncle, and you are her little cousin."

"Well," said Marjorie, wonderingly, "wasn't that arranged quick!"

Preferred the Cheapest

"How much vas dose collars?"

"Two for a quarter."

"How much for vun?"

"Fifteen cents."

"Giff me de odder vun."



"Didn't your mother ever teach you that it was naughty to ruffle up your clothes like that?"

A Good Suggestion

Official—"No, I can't find you a job. I have so many people here after jobs that I can't even remember their names."

Applicant—"Couldn't you give me the job of keeping a record of them?"

FREE! A 30-cent can FREE!

At Your Heath & Milligan Dealer's
Get Yours Here:

TOWN	DEALER
Baxter Springs.....	A. Hood & Son
Belleville.....	Foster Lbr. Co.
Belleville.....	R. L. Johnson
Beloit.....	Bunch Drug Co.
Bronson.....	Hammons Bros. Hdwe. Co.
Chanute.....	K. W. Taylor
Clay Center.....	Helds Cent.-Bk. & Drug Store
Coffeyville.....	Coffeyville W & P Co.
Columbus.....	H. A. Scovell
Douglas.....	C. R. Alger
Eldorado.....	G. A. Gortner
Eldorado.....	Barnhill W. P. & Pt. Store
Elk City.....	A. R. Qlogg & Son
Erie.....	Johnson & Son
Ft. Scott.....	Warren O. Pratz
Ft. Scott.....	C. B. Conyers
Fredonia.....	E. D. Russell
Galena.....	M. Robeson Lbr. Co.
Garnett.....	A. T. Holcomb, Prop.
Garnett.....	Gem Drug Co.
Girard.....	Girard Drug Co.
Green.....	H. T. Blevins Hdwe. Co.
Humboldt.....	Hess Drug Co.
Independence.....	Union Imp. & Hdwe. Co.
Iola.....	Fred Rowden
Kinsley.....	R. D. Heath & Son
Lawrence.....	Lawrence W. P. & Paint Co.
Leavenworth.....	Harvey Le Page
Lincoln.....	H. W. Casserly
Mahaska.....	Mahaska Lbr. Co.
Manhattan.....	W. M. Stingley & Co.
Mankato.....	R. Hanna & Sons
Marion.....	Nodie Baker
McLouth.....	Bradford & Glynn
Narka.....	Bouska Bros.
Neodesha.....	McIntyre & Co.
Olpe.....	Bradfield & Hathaway
Osawatomie.....	Estate of J. B. Remington
Oswego.....	Chas. Woolven
Paola.....	Weir Bros.
Parsons.....	Ledbetter & Main
Phillipsburg.....	Harbaugh Drug Co.
Randolph.....	Home Hdwe. Co.
Saffordville.....	Jones & Brickell Hdwe. Co.
Scammon.....	Union Merc. Co.
Salina.....	Shepherd Paint Co.
Sharon.....	Sharon Hdwe. Co.
Solomon.....	C. Vanderwilt
Washington.....	J. G. Shanley
Waterville.....	Waterville Co-Op. Store
Wathena.....	Ernst Fuger Drug
Wellington.....	Rock Island Lbr. Co.
Winfield.....	Backus Hdwe. Co.
Woodbine.....	A. F. Ahrens

Here's a chance to give your home a bright, up-to-date look—giving floors, furniture and woodwork new and longer life.

It will be a pleasure to re-finish these things yourself, thereby saving money and restoring old household articles to new usefulness.

Beautiful and durable—withstands the hard usage to which floors and furniture are subjected. Just give them a coat of Dependable



SUNSHINE FINISH

A COLOR AND VARNISH COMBINED TO PRODUCE
NATURAL WOOD EFFECTS

Sunshine Finish is especially designed to make old things look like new at small cost; stains and varnishes in one quick, easy application.

Popular colors—Light Oak, Dark Oak, Cherry, Walnut, Redwood, Green, Mahogany, Rosewood, Gloss and Flat Black and Gloss and Flat White for many uses in and around the home.

HEATH & MILLIGAN MFG. CO.
1835 Seward St., Chicago, Ill.



THIS COUPON GOOD FOR FREE CAN

This coupon, properly signed and presented to an authorized Heath & Milligan dealer, entitles you to a 30 cent can (any color) of Sunshine Finish absolutely free.

If your town is not shown in this list, fill in this coupon and take it to your paint dealer and we will gladly send him free and postpaid a can (any color) to be delivered to you.

Sign Here.....

Post Office.....

R. F. D..... State.....

Dealer's Name.....



Get rope that holds fast in a pinch

The "Red Heart" is your assurance of safety in H. & A. "Red Heart" Sisal Rope

Farm rope must hold fast in every emergency. Safety of man and beast demands it.

A good deal is at stake, therefore, when you buy rope. Select sisal rope critically. You know rope made of genuine sisal fibre is mighty good rope, but how can you be sure you are getting the real thing? "Looks" and "feel" are unsafe guides.

There is only one safe test. Untwist the strands of the rope shown you when you go to buy. If you find a small red thread running between the strands you know you have the genuine H. & A. "Red Heart" Sisal Rope—spun from the best sisal fibre grown. The red thread is the "Red Heart"—the mark of quality—our trademark.

H. & A. "Red Heart" Sisal Rope is guaranteed to give you that satisfaction you should demand from the highest grade of sisal cordage.

For the heaviest farm work, requiring rope that will stand the greatest strains, use H. & A. "Blue Heart" Manila Rope—the strongest rope made. Spun from selected manila fibre, the toughest rope fibre grown, H. & A. "Blue Heart" Manila

Rope is guaranteed to be stronger than the U. S. Government Standard.

Special Offer!

The coupon below with 36c or 40c will entitle you to one of our new style combination halter and tie ropes—weather resisting and much stronger than ordinary halter rope or leather.

These ropes are 1/4-inch in diameter and are fitted with two snaps and two adjusters that cannot slip when in use.

They are worth much more than the low prices charged and are offered at cost, to introduce to you the wonderful qualities of H. & A. "Blue Heart" Manila Rope and H. & A. "Red Heart" Sisal Rope.

If your dealer does not yet carry H. & A. brands and cannot supply you with one of these special halters, fill out the coupon below and mail to us with proper amount in stamps, mentioning your dealer's name, and one of these special halters will be sent you prepaid.

THE HOOVEN & ALLISON CO.
Xenia, Ohio.

☐ Enclosed is 40c in 2c stamps for one H. & A. "Blue Heart" Manila Rope Halter.

☐ Enclosed is 36c in 2c stamps for one H. & A. "Red Heart" Sisal Rope Halter.

My name

Address

My dealer's name

Address

THE HOOVEN & ALLISON COMPANY, Xenia, Ohio
"Spinners of Fine Cordage Since 1869"

H. & A. Star Brand Binder Twine

Evenly spun from the best fibres, of full yardage, great strength, and used from coast to coast by farmers who claim it is never cut by insects.

© 1923, The Hooven & Allison Co



H&A "Red Heart" Sisal Rope



Boys French Harp!

This imported French harp has double notes accurately tuned and is just what every boy wants. Each harp comes in a handy telescope container and will be sent to you free for a club of 2 one-year subscriptions to *Capper's Farmer* at 25c each—a 50c club.

CAPPER'S FARMER, Topeka, Kan.

Good Crops Now Expected

Recent Rains and Snows, and Improved Rural Credits Insure Prosperity for Kansas Farmers

BY JOHN W. WILKINSON

MODERATE optimism prevails in the agricultural industry despite the uncertainty of European markets to buy American farm products, says the United States Department of Agriculture in its monthly agricultural review published recently.

"The South is optimistic and plainly intends to plant more cotton. The corn belt apparently thinks rather better of corn than it did a year ago, but finds some difficulty in making up its mind about hogs. The range country is outspokenly for sheep but saying little about cattle."

Prices of agricultural products are regarded as high enough to maintain production of most of the important products, with the possible exception of potatoes. Cotton and wool head the list of important products in purchasing power units, and producers of fibers seem to hold a somewhat stronger position in the price outlook than producers of food.

Kansas farmers at this time feel greatly encouraged over the improved outlook for farming in this state due to recent rains and improved rural credits. New legislation by Congress providing improved rural credits will enable farmers to borrow money needed to finance their farm operations on more favorable and reasonable terms.

Important Rural Credit Feature

The new law sets up a secondary federal rediscount system thru the 12 Federal Land Banks to handle intermediate farm paper ranging from six months to three years' maturity. It likewise sets up machinery thru which private capital may organize farm credit organizations under the supervision of the Comptroller of Currency to deal in and handle farm paper. It also extends the present Federal Reserve laws making certain farm paper eligible for rediscounting thru the present banking machinery up to nine months' maturity to correspond as far as possible with the crop season. Another good feature lies in the fact that the new legislation raises the present loan limit of the Federal Land Banks from \$10,000 to \$25,000, altho preference is given to loans of \$10,000 or less. It also revises the present system of managing the Federal Land Banks, giving the borrowers and loan associations a larger voice.

May File Loan Applications Now

The benefits of this wise legislation will soon be apparent in every state of the Union. The Federal Farm Loan Board at the conclusion of a recent three-day conference in Washington, D. C., with the presidents of the Federal Land Banks gave assurance that the farmers will have the benefit of the Government's financial aid by the time spring planting begins. In fact, the banks, it is said, will receive loan applications in the next two weeks.

Fairly good rains that visited practically every part of the state last week and this week have greatly improved the crop situation and farmers are now feeling more optimistic than they have at any time during the last 12 months. The outlook for alfalfa and oats is all that could be expected or desired at this season. Wheat in the eastern two-thirds of the state is making an excellent start and most of the fields look green and

thrifty. The wheat in the western third of the state may yet outgrow the effects of the winter drouth, but it will take a great deal of rain and favorable weather to bring about such a result. This is especially true of the section west of Dodge City and Hays.

King Cotton to Invade Kansas

Much spring plowing has been done and most of the oats have been sown. Many farm gardens have been made and many early potatoes have been planted as far north as the Kaw River Valley. Reports seem to indicate that this year there will be a big increase in the corn acreage due to the present high prices of that grain. A study of the accompanying chart will show the upward trend in the prices of that grain since January in 1921. Each square in the chart represents one month of time. Most of the abandoned wheat acreage in Western Kansas will be planted to grain sorghums, Sudan grass, and Sweet clover. An increased acreage in alfalfa and broomcorn also seems likely. The present high prices offered for cotton may cause many farmers in Southern and Southeastern Kansas to plant cotton. Several farmers in Montgomery county have already made plans to plant a liberal acreage of cotton if the weather continues favorable. Montgomery farmers have grown cotton successfully in former years, but the low prices that prevailed before the World War made its production unprofitable and it was discontinued.

Buds on fruit trees are beginning to swell and present indications are that a good yield of fruit may be expected unless killing frosts and heavy freezes come later.

County Farm Conditions

Local conditions of farm work, crops livestock and rural markets are shown in the following special county reports from the regular correspondents of the *Kansas Farmer and Mail and Breeze*:

Atchison—Wheat recently was left in fine condition by a rain followed by a light snow. Spring clover is being sown. Labor is scarce. Public sales are becoming few. Four hundred dollars recently was paid for an extra good span of 5-year-old mules.—Frank Lewis.

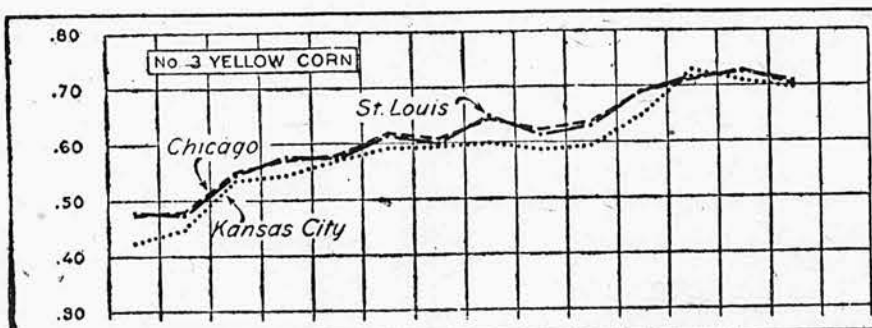
Barber—Exceptional weather continues. Wheat is not suffering for moisture. Livestock is wintering in fair condition. Mules are selling at good figures but there is not much sale for other kinds of livestock. Many auction sales are being held.—Homer Hastings.

Barton—The recent rain, the first moisture since November, was very beneficial to the growing crops and the oats. This county is very enthusiastic over a new producing oil well that recently was developed in the Cheyenne bottoms. Leases and stock are changing hands rapidly. Thousands of people have visited the new well during the last few days. Several farm sales are scheduled to be held in the near future and a few were held last week. Rural market report: Wheat, \$1.02; corn, 65 to 75c; potatoes, 85c to \$1.10; barley, 50c; oats, 50c; butterfat, 42c; eggs, 23c.—A. E. Greenwald.

Bourbon—Most of the oats have been sown and the acreage will be small. Much timothy and clover has been planted. Moisture for the growing crops is plentiful. Bluegrass, wheat and alfalfa are beginning to show up green. Rural market report: Corn, 70c; oats, 60c; hogs, \$7.50; eggs, 22c; butterfat, 44c; hens, 13c.—Robert H. Smith.

Brown—Nearly every farmer has his oats sown. Altho the ground has been very dry it worked up fine. No doubt it will be in good order after our recent rain. Wheat is greening up. Rural market report: Wheat, \$1; corn, 61c; cream, 45c; eggs, 25c; hogs, \$7.50.—A. C. Dannenberg.

Cherokee—Planting potatoes, sowing oats and making gardens is keeping the whole farmer's family busy. Wheat is in a satisfactory condition. Altho several good showers have precipitated this winter, no



This Chart Shows the Average Monthly Price of Yellow Corn at Kansas City, Chicago, and St. Louis from December, 1921 to January, 1923 Inclusive

heavy snows or rains have fallen. Roads are in splendid shape. Large crowds attend the many unsatisfactory public sales. Most of the livestock is bought by shippers. Rural market report: Seed potatoes, \$1 to \$1.25; bran, \$1.70; eggs, 30c.—L. Smyres.

Clay—Cold weather the latter part of February made it possible for several farmers to fill their ice houses with ice from 4 to 7 inches thick. Wheat is starting off nicely. Farmers are busy putting in their oats. Hog cholera prevails and entire herds have been exterminated. Rural market report: Wheat, \$1; shorts, \$1.70; bran, \$1.50; butterfat, 46c; eggs, 24c.—P. R. Forslund.

Cloud—This county recently was favored by a good rain followed by a light snow. Only a few fields of oats have been planted. Farmers are encouraged by the improved condition of wheat and the condition of the ground for spring planting. Feed is holding out well and stock is doing fine. Good mules command prices that are satisfactory. Much interest is being manifested in better livestock and in pig and poultry clubs. Probably a large number of turkeys will be raised this spring. Many incubator hatches are coming off with good hatches.—W. H. Plumly.

Crawford—Many farmers have finished sowing their oats. The ground is in excellent condition and the weather is pleasant. Wheat is greening up nicely, and the late showers have been very beneficial. Quite a number of satisfactory public sales are being held. Livestock is doing well on less feed than it usually takes during the winter months. Rural market report: Eggs, 23c; cream 47c; oats, 60c; corn, 65c; wheat, \$1.10.—H. F. Painter.

Ellis—As yet very little spring work has been done as farmers are waiting for more moisture. A light rain that recently fell will be beneficial to the wheat. Most of livestock is thin and some feeders are running short on feed. A large number of hogs are being fed. Rural market report: Wheat, \$1.02; corn, 65c; oats, 60c; barley, 60c; cane seed, \$1.50 to \$2.50 bu.; eggs, 22c; butterfat, 37c.—C. F. Herbert.

Gray—The farmers' hopes were raised by a recent soft snow which may where it fell. The snow was preceded by a thunder shower and in all about 1/2 inch of moisture precipitated. To bring the wheat out in excellent condition, we need 3 or 4 inches of moisture. Owing to the dry weather, no field work has been done. Roads have been in splendid shape all winter. Livestock is doing well. Rural market report: Wheat, \$1.05; corn, 65c; kafir, \$1.35 cwt.; cream, 42c; eggs, 25c.—A. E. Alexander.

Greenwood—We have had some rain but not enough to be of much benefit. Wheat, however, is looking better and seems to have come thru the winter all right. Oats are being sown. The acreage will be larger this year than last. Considering the amount of moisture that has fallen the last month, the ground plows exceptionally well. Rural market report: Eggs, 21c; corn, 80c; wheat, \$1.—A. H. Brothers.

Harvey—The mercury, one day the first of March raised to 80 degrees in the shade. Wheat and the oats that are sown, recently were benefited by a good rain. Rural market report: Wheat, \$1; corn, 80c; butter, 45c; eggs, 22c; hens over 4 lbs., 16c and under 4 pounds, 14c; Leghorns, 11c.—H. W. Prouty.

Kingman—Numerous public sales are being held. Everything sells for fair prices. Wheat needs moisture. A few farmers are sowing their oats now while others are waiting for moisture. Rural market report: Wheat, \$1; corn, 75c; butterfat, 37c; oats, 75c; feed oats, 60c.—J. F. Kirkpatrick.

Linn—Fewer sales now are held than were a short time ago. Most farmers are doing their own work, but farm hands get \$30 a month. Many fields of oats have been sown and spring weather prevails. Wheat looks all right. Many farm homes have radio sets. All kinds of livestock are healthy but many people are sick with the "flu," pneumonia and lagrippe.—J. W. Clinesmith.

Logan—No moisture has fallen this winter and it is very dry. However, wheat is in fair condition, altho it is not yet up, but it is ready to come thru the ground as soon as we get moisture. Stock is in excellent condition. Rough feed is plentiful. A few farmers are sowing barley. Satisfactory prices are paid at public sales. Rural market report: Wheat, \$1.05; barley, 48c; corn, 60c; eggs, 25c; cream, 42c.—T. J. Daw.

Neosho and Wilson—Stock water is scarce as there recently has been no heavy rain altho the weather is pleasant. However, there is enough moisture in the ground to sprout the oats that were planted the last of February and the first of March. Wheat is nice and green. Most of last year's crop has been marketed. Farmers are well advanced with their work. Stock of all kinds are doing well. Horses sell cheap at sales. Much sickness in the form of the "flu" and pneumonia has been in evidence, several cases of which were fatal. Rural market report: Corn, 70 to 80c; seed oats, 75 to 90c; seed potatoes, \$1 bu.; eggs, 23c; butter, 35c; flour, \$2; shorts, \$1.80; bran, \$1.60; wheat, \$1; milk cows, \$50 to \$70.—Adolph Anderson.

Ness—Moisture is badly needed for wheat and spring work. The series of community poultry shows have been well attended and they have been very successful. Many cash prizes were awarded at the county show. Rural market report: Wheat, \$1; corn, 75c; kafir, 75c; cream, 42c; eggs, 25c.—James Hill.

Osage—Late light rains and a few days of warm weather have put wheat in first-class condition. Farmers are burning the weeds along the roads. No trees are planted by renters and very few being planted by farmers who have their farms mortgaged. But few sales now are being held and altho several farmers have quit the farm, their places were quickly taken by others. Rural market report: Corn, 90c; eggs, 21c; cream, 43c.—H. L. Ferris.

Riley—The late rain has put the ground in excellent condition for spring plowing. Wheat fields are green and look promising but no oats have yet been sown. Most of the feeders have sold their fat cattle and hogs. Numerous people are sick with the "flu" and pneumonia. Public sales are over. Rural market report: Hogs, \$7.25; corn, 70c; wheat, \$1; eggs, 25c; butter, 35c.—P. O. Hawkinson.

Rooks—Many sales are being advertised and held. Fair prices, considering prospects and financial conditions, are paid. Rural market report: Wheat, 95c; eggs, 21c; oats, 65c; barley, 60 to 80c; butterfat, 40c.—C. O. Thomas.

Rush—Weather continues dry. Owing to the unfavorable conditions, but little work has been done for spring crops. All kinds

of livestock are in excellent condition. Public sales are common. Rural market report: Wheat, \$1.03; corn, 75c; cream, 42c; eggs, 25c.—R. G. Mills.

Smith—Since the 40 of an inch of rain fell in the southern part of the county, wheat is greening up and now looks fine. Good crowds attend the many public sales at which fair prices exist. Nearly every kind of stock has wintered in fine order. Rural market report: Corn, 60 to 70c; eggs, 25c.—A. J. Hammond.

Stevens—We are having spring weather, and farmers are getting ready for spring work. Much disking for barley, of which quite an acreage will be planted, is in progress. No moisture has fallen recently and the condition of the wheat is not certain. Many cattle and hogs are going to market. Silage fed cattle are fat. Rural market report: Barley, 60c; corn, 70c; butterfat, 50c; eggs, 30c.—Monroe Traver.

Wabaunsee—Some moisture, snow and rain, fell during the last two weeks. It was very beneficial to the wheat. Farmers are busily engaged in planting potatoes and oats and in husking fodder. A few sales are being held. The largest stock sale held in the county was held March 6, at the Wahl Farm. Steers averaged \$69, and cows with calves brought an average of \$46. Stock is coming thru the winter in good condition and a surplus of feed exists. Numerous hatches of early chicks are coming off. A crow roost in the southern part of the county will be very detrimental to young chickens and the grain crops. Several cases of hog cholera have been reported during the last month. Rural market report: Wheat, 98c; flour, \$1.75; eggs, 29c; corn, 73c.—G. W. Hartner.

Colorado Crop Reports

Elbert—February went out with a fine wet snow. This soon melted and the ground now is in excellent condition. Spring work is progressing. The cattle market is a little more active. Rural market report: Wheat, 82c; oats, 64c; cream, 49c; eggs, 27c.—R. E. Patterson.

Mesa—A recent snow will help keep the

peaches and apples from blooming too soon. Lagrippe and severe colds have affected many people. Livestock sells cheap at the many auction sales.—Geo. Rand.

Otero—Spring wheat is being sown. Oats will be sown next week. As yet very few farmers have signed beet sugar contracts. However, most of them are very optimistic regarding the sugar beet situation for the coming season. Cattle feeders are cashing in at a nice little profit. Winter wheat is not making much of a showing as yet.—J. A. Heatwole.

Prowers—The weather is dry and sunny and farmers are beginning on their spring work. All kinds of stock are doing well and very little feed is needed. A few public sales. Seed of all kinds will have to be bought.—W. N. Wirick.

Cool Breezes at Corpus Christi

The sea breeze at Corpus Christi, Tex., attains unusually high velocities, it has been found by the representative of the Weather Bureau, United States Department of Agriculture, at that point. In marked contrast to some of the Southern sea coasts, where stagnant conditions are frequent, at Corpus Christi the breeze becomes a fresh, strong southeast wind in the afternoons, blowing 20 to 30 miles or more an hour, and sometimes continuing all night. Debilitating calms are relatively few on the Corpus Christi coast, while the high-wind movement prevents the dampness and sultriness so dreaded in other subtropical regions.

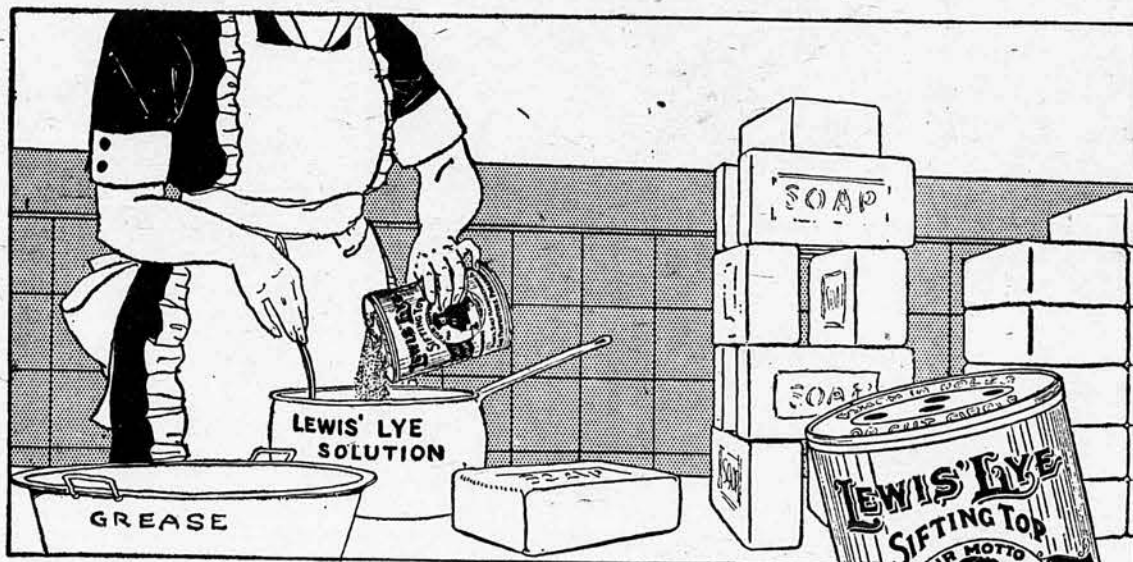
The cause of this unusual sea breeze, which is the swiftest and steadiest on the Texas coast is explained by the Weather Bureau as due to the topog-

raphy of the hinterland of Corpus Christi and the contour of the coast line at this point. Barren plains, devoid of marshes, rise gradually behind Corpus Christi Bay, extending inland for 30 miles. The curve in the coast line at Corpus Christi allows the predominating southeast wind to strike the shore at such an angle that it meets with virtually no resistance from a land surface before reaching the coast. It therefore comes over Corpus Christi with practically the same velocity it has on the open ocean. The heated air of the plain back of Corpus Christi tends continually to rise, and the cooler sea air flowing in creates a continuous breeze. Altho the increased sea breeze causes a diminution in the rainfall, it has its compensating features in the fact that a more comfortable climate is created.

Our Best Three Offers

One old subscriber and one new subscriber, if sent together, can get The Kansas Farmer and Mail and Breeze one year for \$1.50. A club of three yearly subscriptions, if sent together, all for \$2; or one three-year subscription, \$2.—Advertisement.

Kodak pictures of farm scenes of all kinds can be used to good advantage by the editors of the Kansas Farmer and Mail and Breeze. What can you send us?



Twenty Bars of Fine Soap

THE purchase of a few cans of LEWIS' LYE for the making of home-made soap is not a cost but an investment. Waste fats and a few cans of LEWIS' LYE will save you many dollars in soap bills. The superiority of LEWIS' LYE as a soap-maker has been known for half a century.

It has satisfied its millions of users over a long period of time and it would not be wise to experiment with unknown brands of lye. This might mean a loss of the grease, your time, and an unsatisfactory product might be the result.

Buy twelve cans of LEWIS' LYE at a time. Always keep it handy for use around the Kitchen, Garage, Hoghouse—all farm buildings.

Fifty Other Uses for Lewis' Lye

Many valuable recipes and directions for the use of LEWIS' LYE in the farm household, around the garage and barns, are given in our booklet "The Truth About a Lye." Instructions for the care and cleaning of autos, trucks and tractors are given in our folder "How to Clean Motor Equipment with Lewis' Lye." These valuable books will be sent free upon request.

PENNSYLVANIA SALT MANUFACTURING CO.

Manufacturing - Packing - Distributing LYE - Since 1856
PHILADELPHIA, PA.



Just a few uses for LEWIS' LYE



Nothing equals it for cleaning auto radiators, transmissions, differentials and greasy parts



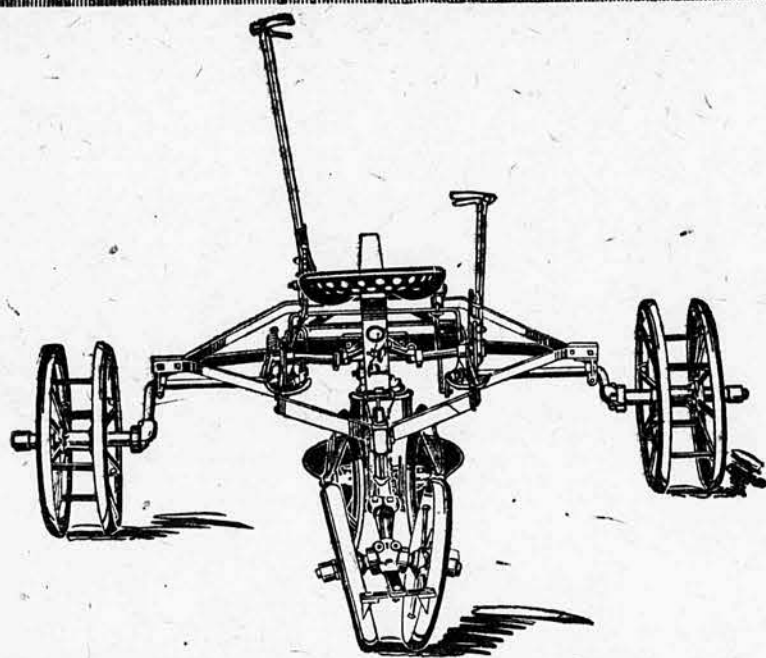
Cleans garage floors—cuts grease and dirt on farm machinery



Unexcelled for making home-made soap by cold process

"IT PAYS TO USE LEWIS' LYE"

A11204 974977



The McCormick-Deering P & O Widetread is A Self-Spacing Lister

IN SIX YEARS' time the McCormick-Deering P & O Widetread Lister has made itself known as the greatest advancement in listers since they were invented, about sixty years ago. And the first one made sixty years ago was a P & O.

The frame is made wide enough to allow the carrying wheel on the plowed side to run in the bottom of the last trench made, and this gauges the width of the rows. So you see that if your first furrow is straight, all the others will be evenly spaced or gauged by it.

And here is another advantage. If you plant with a McCormick-Deering P & O Widetread Lister you can cultivate with an ordinary two-row cultivator. Also, you can double-list with the "Widetread" (a patented feature).

The Widetread Lister makes self-gauged, evenly spaced rows on hillside or level. It can be turned in its own tracks, and it rides along as smoothly as a boat.

The fact that it is a McCormick-Deering P & O tells the whole story as to its strength, simplicity and ease of operation.

INTERNATIONAL HARVESTER COMPANY

CHICAGO OF AMERICA USA
INCORPORATED

93 Branch Houses and 15,000 Dealers in the United States

New Chief Structural Steel Windows

The Newest Member of the CHIEF Family

Better buildings at lower cost now possible with Chief Structural Steel Windows. More improvements, greater strength, longer service, attractive perfect ventilation, for side walls and basement windows of all buildings. Chief Structural Steel Windows outlast the building. Send for complete information on these new Chief windows of 100 different sizes.

CHIEF CUPOLAS

Ventilate your farm buildings with Chief Cupolas. Efficient economical, rust, rain and bird proof.

CHIEF Sunshine Roof Windows

Flood every pen with germ-destroying sunshine, the greatest tonic for early pigs. Paying dividends on thousands of farms.

FREE Modern hog house, poultry house and barn plans with full details sent free. Write today.

Shrager & Johnson
515 Walnut St.
Atlantic Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Atlanta Iowa

Better than Whitewash



CARBOLA

The Disinfecting White Paint

It takes less than five minutes to mix the Carbola powder with water and have it ready to use as a white paint and powerful disinfectant. No waiting or straining; no clogging of sprayer. Does not spoil. Does not peel or flake. Disinfectant is right in the paint powder—one operation instead of two. Gives better results, costs less. Used for years by leading farms.

Your hardware, paint, seed or drug dealer has Carbola, or can get it. If not, order direct. Satisfaction, or money back. 10 lbs. (10 gals.) \$1.25 and postage; 20 lbs. (20 gals.) \$2.50 delivered; 50 lbs. (50 gals.) \$5.00 delivered; 200 lbs. (200 gals.) \$18.00 delivered; trial package and booklet 30c.

Add 25¢ for Texas and Rocky Mt. States

CARBOLA CHEMICAL CO., Inc.

317 Ely Ave., Long Island City, N. Y.



As soon as you have read this issue of Kansas Farmer and Mail and Breeze pass it along to your neighbor.

More Cows for Kansas Farms

Profits on Dairy Products are More Stable and Certain Than on Other Farm Things

BY J. B. FITCH

SOME have marveled at the interest manifested in milk cows in Kansas. To me it seems logical that they would turn to milk cows, not only because the returns are more certain but because the market for dairy products has been higher and less subject to fluctuation than the cattle and hog markets. On many of our wheat farms the so-called side lines—the farm work generally turned over to the women folks—are bringing in more real money than the wheat.

Kansas is Ninth on the List

The Government estimates for 1920 place Kansas among the 20 leading dairy states. Kansas ranks ninth with a total of 935,000 dairy cows for 1920.

The United States Department of Agriculture also places Kansas fourth in the number of cattle gained since 1910. Wisconsin, Minnesota and North Dakota have gained more cattle than Kansas. Kansas shows a gain of 27 per cent or 198,893 cattle during the 10-year period. The value of dairy products has increased from \$16,700,000 to \$36,768,907 during the same period.

Kansas has advantages in raising feed for dairy cattle not possessed by some of our dairy states. This is particularly true in the production of alfalfa hay. In 1918 Kansas had 1,227,000 acres of alfalfa with 2,746,000 tons of hay valued at \$58,700,000. Most of this hay is grown in the eastern half of the state. In the western half of the state with less rainfall and more crop failures, the dairy cow is more of a scarcity. The people of this section rely upon wheat almost entirely, but any one crop system of farming is uncertain in yields.

Favorable Market Available

Kansas has a favorable market for dairy cattle. The West and Southwest are not going to cross Kansas if they can get what they desire in this state. It is only a question of time until Kansas will be in a position to bid for the business of these states that are buying dairy cows. A pertinent question in the development of dairying in any state is the market for the dairy products. In 1919 Kansas produced 43,813,000 pounds of butter. Most of the butterfat that goes into this butter is marketed thru cream stations of which we have from 1,500 to 2,000 in the state. These cream stations receive, grade and pay for the cream on the butterfat basis, and then ship it to the creameries they represent. Most of our 80 creameries in the state are large centralized creameries each having a string of cream stations.

We have seven condensaries, one powdered milk plant, and one small cheese factory in the state. At the present time I know of but one co-operative creamery operating in the state. The cream station has provided a good market for butterfat in every town, but in the localities where the people are milking cows they are anxious to establish a condensary or powder plant where whole milk can

be marketed. At the present time a dozen or more towns in Kansas are trying to attract milk condensing companies to locate in their towns.

At present, however, the condensed milk market is very unstable, a great many condensaries having either closed down or are using the milk to make other products. Consequently these companies are not branching out into new territory. Very few of these towns have a sufficient number of cows to warrant such a market. As the number of cows increases in a locality, the stronger will be the co-operative effort to build up a good market. As our cattle increase in number we will attract better markets for our products.

The fact that we are bringing dairy cattle into Kansas from the dairy states does not mean that the production of our Kansas cows will be rapidly increased. Even if we do have efficient dairy cows, if we do not give them the feed and care they deserve we will not only be disappointed with the returns obtained, but the cattle or the markets will be blamed. In Kansas or in most new dairy states the farmers are not familiar with the handling of dairy animals, and they do not give them the feed and care that a dairy animal should receive. It is necessary that we eliminate our unprofitable cows, but we must handle our cows in a way that when a cow is unprofitable there will be no doubt in placing the blame.

Two Determining Factors

Two factors that are aiding dairymen in discriminating between good, indifferent, and poor cows, are the cow testing associations and the system of Advanced Registry. At the present time we have 12 active cow testing associations representing 236 different dairy herds and 3,242 cows. The successful operation of a cow testing association has meant great interest in dairying for the community and greater profits to the individual dairyman.

During every winter there is considerable good roughage wasted in Kansas. If our farmers could conserve this feed either by stacking it or by putting it into the silo, they could feed it to good advantage to dairy cattle or beef animals in another year. Livestock farming is going to play a greater part in the development of Kansas agriculture in the future. Farmers have already come to appreciate the value of the cream check in helping to meet the cost of living, and they will also come to realize that dairy farming not only promises sure financial returns but it insures better crops as well.

The community that fosters dairying will eventually build up a more permanent system of agriculture, which means better things for all concerned.

All the money you spend on the science of agriculture will be returned to you 10-fold in the increased prosperity of the country.—James Bryce.

Silos Reduce Feeding Costs

MANY dairymen and stock-keepers find it difficult to realize a satisfactory profit from their herds. If they do not have a silo they can figure that they are paying from 25 to 35 per cent more than they should pay to feed their animals. A silo will save at least 10 cents a pound on the cost of producing butterfat, and 40 cents on the cost of producing 100 pounds of milk, and a dollar on the production of 100 pounds of beef. In the feeding of sheep, horses and mules the expense of the ration can be cut from 20 to 25 per cent by using silage.

We are confronted this year with high prices for hay and millfeeds; in fact, all kinds of stock feeds are selling at an advanced price, and those who are obliged to buy the bulk of the feed find it difficult to make a profit. Silage is the cheapest known form of roughage, and is a wholesome and beneficial ration for all kinds of livestock. It is an excellent substitute for pasture, and is being used more and more as a year around feed. Tests for many years have shown that silage replaces much grain in the ration and produces good results at little cost.

Stock-keepers who do not have the advantage of the silo are greatly handicapped in their competition with those who use them, and the demand for economy in all lines of industry is making the silo a necessity on the stock farm. Try one for 1923, and you will be in good company and following the lead of the best stock farmers in the land.

QUALITY Chicks and Eggs

25,000 STANDARD BRED BREEDERS. 12 varieties. Best laying strains. Incubate 15,000 eggs daily. Catalog free. Reasonable prices. Free live delivery.

Missouri Poultry Farms, Columbia, Mo.

FARM SEEDS

BARGAIN PRICES
Alfalfa, Timothy, Clover, Hubam, etc., at prices you can't duplicate anywhere. Quality best. Our special introductory offer and new freight saving plan means big saving. List our wholesale price list, also big catalog of bargain farm and garden seeds. Nursery stock. Tell us ways to make money in 1923. GALLAWAY BROS. CO. Dept. 47 Waterloo, Iowa



DR. LEGEAR'S STOCK POWDERS

"I never found anything give such results for horses, cows, hogs or cattle," says Henry Schwartz, of Wiggins, Colo.

Dr. LeGear's Stock Powders sharpen the appetite, eliminate constipation and put stock in healthy, normal condition. Horses shed quickly as a result of its use, and consequently work better. Cows give more and richer milk, while all stock, including sheep and hogs, have better digestion—purer and richer blood—keener appetites—freedom from worms. It is the Spring help that all your stock should have now.

Get a package, pail or drum from Dr. LeGear's dealer in your town today. Sizes 25c and up. Satisfaction guaranteed or money back.

Dr. L. D. LeGear Medicine Co.
4173 Beck Avenue St. Louis, Mo.



Dr. L. D. LeGear, V. S. (in Surgeon's Robe)
Trade-Mark Reg. U. S. Pat. Off.

Dr. LeGear's Poultry Course FREE

with purchases of Dr. LeGear's Stock and Poultry Remedies. Dr. LeGear's entire 30 years' knowledge as a poultry expert given in 33 lessons, all illustrated. See Dr. LeGear's Authorized School Enrollment Dealer in your town or write us for free folder.

There is nothing like passing a good thing along, so as soon as you have read Kansas Farmer and Mail and Breeze, pass it along to your neighbor.

BIG 10 ounce PACKAGE 60 cents

FREE 2 ounce SAMPLE

Don't Dally With Injured Udders

BESIDES the danger of serious permanent results, hurts or sores on the udder and teats seriously check the milk yield. The full milking comes from the cows with soft, silky udders, and smooth healthy teats.

Bag Balm, the great penetrating ointment, assures udder health. Quickly heals cuts, scratches, chaps, bruises and Caked Bag. Very valuable in treating Bunchees and Cow Fox.

Every barn should have this big 10-ounce package of Bag Balm. Costs only 60c and goes a long way. Feed dealers, general stores and druggists sell it. Let us send free booklet, "Dairy Wrinkles," and if you have never used Bag Balm, send coupon below for free sample.

DAIRY ASSOCIATION
CO., INC.
Dept. W
Lyndonville,
Vt.

SAMPLE COUPON

Dairy Asso. Co., Inc., Lyndonville, Vt. Please send free sample of Bag Balm
Name.....
Address.....
Dealer's name.....

The Draft Horse in Kansas

(Continued from Page 11)

pect for the draft horse has not been so bright in many years and one fact stands out plainly: There are some places where the horse has not been, and cannot be, replaced by mechanical power.

In the logging camps, the horse will never lose his job. The very nature of the business precludes this. Some of the work of the camps that was formerly done by horses is now done by mechanical means but this has been largely in the way of increased efficiency for the camp by releasing the horses from certain work in order that they might be available for other work where nothing can take their places.

The Horse Not Supplanted

On the farm the horse must remain a most important factor. He can be, and is being, assisted by mechanical power but he has not been supplanted by it, nor will he be until mechanics is much more perfect than at present.

On the farm, as elsewhere, the question of the horse against the motor will be decided by economic conditions and, as long as the farmer can raise his own power in the form of horseflesh and produce his own fuel in the form of corn, oats and hay, the prices of things will have to shift around a good bit before he will invest in a costly motor for which he has to run to town to get fuel and pay real money for it.

In the beginnings of agriculture man himself was the motive power and our whole modern civilization is measured by the distance we have gained in utilizing other power than human muscle. Any large development, either in the processes of agriculture or in the development of man himself, could not be attained while man remained the motor but when he began to use animals, the winds and the waterfalls for power, he began to advance towards a higher civilization, and not until then.

As never before the American farmer is faced with a world competition and the only way in which he can win is thru his possession and application of power other than human muscle. Power is the key to the improvement of living conditions on the farm and, however our problems of marketing may be solved; however much or little the tariff may affect us; however large farm credits may be provided, the problem of economic power on the farm will still remain the one of prime importance.

Use of Power on the Farm

It remains then for the farmer to choose between the forms of mechanical power which are now available, but which have yet but a limited application, and that animal power which he not only produces in the form of horseflesh but maintains on the products of his fields.

His preference may lie with either one of these but the determination of his choice must be made on the basis of economy, and in this the horse still holds his own.

The use of power on the farm gives to the farmer the independence of a director instead of a laborer and, so long as he can thus maintain this independence, he will remain a dominant factor in the social, political and economic life of the Nation.

In various ways the needs of the farmer call for more power than is now used by all of the factories of the country and much of this can be supplied by windmills, steam, gasoline or electric engines, but for economical tractive power the farmer must remain largely dependent upon the horse and the value of this power and the success which he attains in his business, will depend upon the kind and quality of the horses which he raises.

In my judgment, taking into consideration the decreased number of horses in this state; the general shortage of horses of the draft type thru-out the country; the large number of replacements required and the growing demands of the cities for horses of the right kind, the draft mare of the proper size and quality will be the best side-line on the farm for many years to come.

No country newspaper is so insignificant as not to have some share in the general uplift of the community, a thing which cannot always be said of the metropolitan newspaper.



Thousands of De Laval Separator Users Have Received 20 to 30 Years of Efficient Service.

As a result of the Oldest De Laval Separator contest in which it was announced \$25 would be given to the owner of the oldest De Laval in each state, thousands of letters have been received, which prove beyond all question of doubt that 20 to 30 years of satisfactory service from a De Laval Separator is not unusual, and with reasonable care, to be expected.

\$25 for the Oldest De Laval

This contest will be open until April 7th and other users of Old De Lavals who have not entered the contest, still have time to do so. Simply write us, giving the date of purchase, length of service, serial number, and a statement concerning its service. Even though your De Laval may not be as old as some mentioned here, enter it anyway, as it must be kept in mind that this contest covers every state; and in some sections separators have not been used so long as in others. Winners will be announced May 1st.

Following are a few of the many letters from old De Laval users, which are typical:

30 Years

"Our De Laval Separator was purchased July 12th, 1893. It has taken care of all the milk produced on this farm from 1893 until November, 1917, and we were milking over 30 cows at times. Since November, 1917, I have shipped the whole milk. The last time I tested the skim-milk it showed 2/100 of 1% fat."—Henry Petersen.

29 Years

"I have a De Laval Separator bought in May or June, 1894, which has been run twice each day ever since, but one day. It has many a day separated 2,000 lbs. of milk and is still in first-class condition."—Fred G. Palmer.

20 Years

"We have a De Laval Separator that we bought in the fall of 1903. It has been used twice a day nearly every day, separating on an average of 83,579 lbs. of milk per year, and is still in good repair and doing its work well. The last time that the skim-milk was tested by the testing association it was skimming to 1/100 of 1% fat. If this separator ever wears out we shall want another De Laval."—A. B. and J. M. Bicknell.

22 Years

"I purchased my De Laval on December 21, 1901, and it is still in very good working condition. My neighbor has worn out two other makes already and has the third. Mine still skims cleaner than his and I hope to use it about ten years yet. It is not to be worn out."—George P. Leibold.

25 Years

"My De Laval Separator was bought in the spring of 1898. We have used no other. This summer we had our skim-milk tested at the creamery and it tested 2/100 of 1%. It will be good for years yet."—Mrs. Tena Larson.

24 Years

"My De Laval Separator was purchased in 1899 and has been in service every year. This machine has separated about 18,000 gallons of milk annually. It has given me excellent service and skims cold milk perfectly. My sister purchased a new De Laval last spring and has saved nearly enough to buy a good milch cow."—Emil S. Shubert.

Four to Five Times' More Use

Evidence such as this from thousands of users proves that a De Laval will last from four to five times as long as the average separator, and do better work all the time. It proves conclusively that the De Laval is the best and cheapest separator. The De Laval you buy today is the best cream separator ever built. With reasonable care it will last you a lifetime, and will pay for itself within a year. Sold on easy terms. See your De Laval agent or write us for full information.

The De Laval Separator Co.
NEW YORK CHICAGO SAN FRANCISCO
165 Broadway 29 E. Madison St. 61 Beale St.

\$24.95 Upward **AMERICAN CREAM SEPARATOR**

On trial. Easy running, easily cleaned. Skims warm or cold milk. Different from picture which shows larger capacity machines. Get our plan of easy **MONTHLY PAYMENTS** and handsome free catalog. Whether dairy is large or small, write today. **AMERICAN SEPARATOR CO.** Box 7092 Bainbridge, N. Y.

FARMER AGENTS WANTED

\$10 to \$25 day dead easy. Remarkable new invention saves every pig in litter. Farmers and hog breeders buy dozen to hundreds. Act as our agent in your vicinity. Earnings will surprise you. Write quick for exclusive territory. Sales Mgr., 120 Sta. C, Omaha, Neb.

GALLOWAY'S

Big Bargain Catalog

Cuts prices to the core on engines, separators, spreaders, fence, paint, roofing, harness, tools, farm machinery and household necessities. Get Galloway's low prices giving direct from factory reductions before buying. Save one-fourth to one-half. Half a million pleased customers testify to Galloway's perfection in manufacturing and cut-the-melon merchandising. Satisfaction guaranteed. Cash or time. 30 days trial. Send for big free catalog with its thousands of bargains, today. **W. M. GALLOWAY CO.** Box 47 Waterloo, Iowa

CALF CHOLERA REMEDY

Will save your calves. Scours leads to calf cholera if neglected. At the **First Indication of Scours** Give Dr. David Roberts Calf Cholera Remedy For sale by dealers or postpaid \$1. Ask for FREE copy of The Cattle Specialist and how to get The Practical Home Veterinarian without cost. Veterinary Advice Free. **Dr. David Roberts Veterinary Company, Inc.** 118 Grand Avenue Waukegan, Wis.

Cured! Money Saved

OVER 350,000 satisfied users and 59 years of success testify to the positive dependability of Save-The-Horse. You are safe from loss because it cures while working, old, so-called "incurable" cases of SPAVIN, Ringbone, Thoropin, or—Shoulder, Knee, Ankle, Hoof and Tendon Disease. We take all risk by giving a signed **MONEY-BACK-GUARANTEE**. In the first emergency, Save-The-Horse saves many times its cost. Our FREE 96-page Save-The-Horse BOOK tells how to locate, understand and treat 68 different kinds of lameness. This BOOK, expert veterinary advice and sample of Guarantee all **FREE**. No obligation. **WRITE TODAY.** **TROY CHEMICAL CO., 315 State St., Binghamton, N. Y.** At Druggists and Dealers with Signed Guarantee, or sent prepaid.

A11204 974977

"Standard" PLUMBING FIXTURES



"Standard" kitchen sinks, "yard stick high," provide comfort and prevent back strain. How high is yours?

Standard Sanitary Mfg. Co., Pittsburgh
Write for Catalogue

Biggest Hatches Strong Chicks

That's what you'll get with a Champion Belle City Hatching Outfit. My Free Book "Hatching Facts" tells how—gives newest ideas and quickest ways to make poultry pay big with my

\$13.95 140-Egg Champion Belle City Incubator

Double Walls Fibre Board—Hot-Water Copper Tank—Self-Regulated Safety Lamp—Thermometer & Holder—Egg Tester—Deep Nursery. \$36.95 buys 140-Chick Bath only Hot-Water Double-Walled Brooder \$18.95 \$21.95 Buys 230-Egg Belle City Incubator, \$9.95 Buys a 230-Chick Brooder. Both When Ordered Together — \$29.95

Express Prepaid

East of the Rockies and allowed to points beyond. With this Guaranteed Hatching Outfit and my Guide Book for setting up and operating you can make a big income. You can also easily share in my **\$1000 in Gold** Without cost or obligation. Save time—Order Now—or write today for my Free Book, "Hatching Facts". It tells the whole story.—Jim Rohan, Pres., Belle City Incubator Co., Box 21, Racine, Wis.

BABY CHICKS and hatching eggs from standard 200 egg hens. 20,000 chicks weekly. Low prices. Ten varieties. Delivery Free. 32 page chick book and catalog Free. Standard Egg Farms, Dept. E Cape Girardeau, Mo.

Our Bargain Offer

CLUB NO. 400
La Pollette's Magazine.....
Kansas Farmer and Mail and Breeze.....
Household.....
Regular Price \$2.25
\$1.25
KANSAS FARMER AND MAIL & BREEZE
Topeka, Kansas

The Cause of White Diarrhea

White Diarrhea is caused by the bacillus Bacterium Pullorum transmitted through the yolk. There is scarcely a hatch without some infected chicks. The germs multiply very rapidly and one infected chick may infect the entire brood. The germs can be killed by the use of preventives. Intestinal Antiseptics to kill the germs should be given as soon as the chicks are out of the shell. It is much easier to prevent than it is to cure.

How to Prevent White Diarrhea

Dear Sir: I have raised poultry for years and have lost my share of little chicks from White Diarrhea. Finally I learned of Walker's Walko Remedy for this disease, so sent for two 50c packages to the Walker Remedy Co., Dept. 46, Waterloo, Iowa. I raised over 500 chicks and never lost a single one from White Diarrhea. Walko not only prevents White Diarrhea, but it gives the chicks strength and vigor—they develop quicker and feather earlier. I have found this company thoroughly reliable and always get the remedy by return mail. Mrs. L. L. Tam, Burnetts Creek, Ind.

Don't Wait

Don't wait until White Diarrhea gets half or two-thirds your chicks. Don't let it get started. Be prepared. Write today. Let us prove to you that Walko will prevent White Diarrhea. Send 50c for box on our guarantee—money back if not satisfied. Walker Remedy Co., Dept. 46, Waterloo, Ia.—Advertisement.



25,000 Purebred Chicks

weekly from selected heavy laying flocks, S. C. White Leghorns, S. C. Brown Leghorns, Anconas, Barred Rocks, White Rocks, White Wyandottes, S. C. Reds, Buff Orpingtons. Postpaid, 100¢ live delivery guaranteed. Catalog free. Box 237A, LINDSTROM HATCHERY, CLINTON, MO.

Capper Pig Club News

Enrollment Period is Over, and Now Comes the Time for Work and Pleasures

BY RAYMOND H. GILKESON
Club Manager

WOULDN'T it be great sport to get all the contest sows together and have a judging contest? That isn't possible, but one way we can judge the stock our team-mates have is thru the club stories. Write and tell the club manager all about your sow, how you are feeding her and how many pigs she farrows. That is the kind of news we wish to read in the club stories.

Here is a letter from Melvin McDougal, Pottawatomie county, "I bought my sow March 1," he writes, "and am very well pleased with her, and expect her to win. I am going to keep in touch with the other members in my county." All club members should get acquainted with their county team-mates. Perhaps, you don't know their names yet, but you will soon. The enrollment time is over, and all the members for the Capper Pig Club of 1923 have been accepted, and now we must get ready for the pep contest. A letter will reach you soon, telling about this pep contest and how you can work to win. Of course, every club member will receive a list of the names of his team-mates.

I wonder what question would come first if club members were to meet? My guess is this: "Has your sow farrowed yet?" That is a very interesting question, and I'll be eager to have every boy answer it for me. I have Glenn Paronto's answer now, so will give it here. "Well, my contest sow has farrowed. She brought 10 pigs, but two were dead and one got crushed to death so I have seven left. I have six little females and one little male. My sow fooled me, and I was not with her when she farrowed. I have tamed the sow, so now I can go in the pen and she isn't afraid that I will hurt the pigs."

When Farrowing Time Comes

Perhaps, some club members will not find anything about their pigs in the contest story even after they write the club manager about them. If this happens, please do not feel badly, because I will not intentionally overlook any boy's answer to the big question, "Has your sow farrowed yet?" When you read in the club story about the number of pigs various club members get at farrowing time, it is quite natural to say, "Isn't that strange, that's just the number I have." Or you might have more or less. It is a nice way to judge your own success, this business of comparing your hogs with those of other club members. Another way you can judge your own success is by comparing your pigs with those of older breeders in your part of the county. Ask these breeders how many pigs their sows are farrowing, and also ask how they are caring for these pigs.

If you have a camera you will be taking some pictures of your sow and pigs, or perhaps you'll have someone else take some pictures for you. When this happens just remember that the club manager likes to have good pictures to print in the Kansas Farmer and Mail and Breeze. One club member sent in a picture last year—it was a good one, too—and on the back of it he wrote, "I'm the pig in the middle wearing the cap." I had my picture taken at a Capper Pig Club picnic not so long ago—I was helping wash the dishes. When I got a print of that picture someone desired to know what kind of pig that was. You see it was right after dinner the picture was taken and I guess I "made a pig of myself" eating the many good things prepared by the mothers of club members. Send your picture and I promise I won't think you look like a pig.

Let's Make Dad a Partner

What did your father say when he got his letter? Won't we be glad to have him for a partner? Dads somehow or other, make the club seem so much worth while. And Dads can give

such good advice and help a fellow when he is in trouble. Some Dads already have sent in their entry blanks. Let's get all of them to work and have good times with us.

One special thing I wish to tell you about is the club in Dickinson county. W. N. Wilkins, who is a very busy bank cashier in Chapman, Kan., decided he could give some of his time to managing a pig club. This pig club was organized and is known as the "Chapman Spotted Poland China Pig Club." Arrangements were made to join the Capper Pig Club and now these boys have additional prizes for which to work. In joining the Capper Pig Club these members found that they had other team-mates, and together they are going to work to win. W. N. Wilkins arranged for a dinner for the club members a few days back. After appetites were satisfied the boys listened to some good talks by experienced breeders. The importance of club work and of pulling together was emphasized. One breeder gave some good advice on care of breeding stock, proper feeding and cleanliness. The boys who attended this meeting were, Leon Loy, Clarence Gross, Harvey Schlappy, Wilbur Cratty and Ernest Anderson, all of Chapman, and Joy Harding, Wakefield, and Samuel Marston, Junction City. "We'll say the club boys are a fine, manly group, and enthusiastic in their venture," writes The Chapman Advertiser. "Among them will develop some good stockmen for this community and we are looking for results in a very short time. Here's success to them!"

Poultry is More Profitable

One reads a great deal about the big wheat acreage in this section of the country known as the "wheat belt of the world"—its green fields of alfalfa and growing herds of fine stock cattle. Little has been written, however, of the "cackle-cackle" of the busy hen when the fact is many a farmer whose wheat fields made him poor has turned to that safe and sane means of a stable income found in poultry raising.

While Tom Laurence of Route 4, Hutchinson, Kan., was farming wheat on a large scale, Mrs. Laurence was devoting all her spare time to poultry and breeding up her flock of Buff Orpingtons and thru them their loss on wheat was made good. The Laurences are now showing one of the most attractive flocks of purebred Buff Orpington chickens in Reno county. They have been culled for size, color and egg production by Judge R. Penn Crumm of Stafford. They are all blue ribbon birds, and some of the hens weigh as much as 9 pounds. They have about 150 hens and are realizing around 100 eggs a day. The income from this flock has kept the household in clothing and groceries, paid off some minor debts contracted by their loss in wheat and has helped to place on the farm a little herd of purebred Poland China hogs and also has contributed its bit toward purchasing some good Jersey dairy cattle.

Mr. Laurence has abandoned his wheat acreage entirely and will in the future devote his energies to poultry, hogs and dairying. Mrs. Laurence has operated a baby chick hatchery and orders are coming in rapidly. She will use purebred Buff Orpington eggs almost exclusively. This is a small item but it tells what a good grade of poultry will do toward putting the farmer and his wheat bankruptcy back to normal.

Hutchinson, Kan.

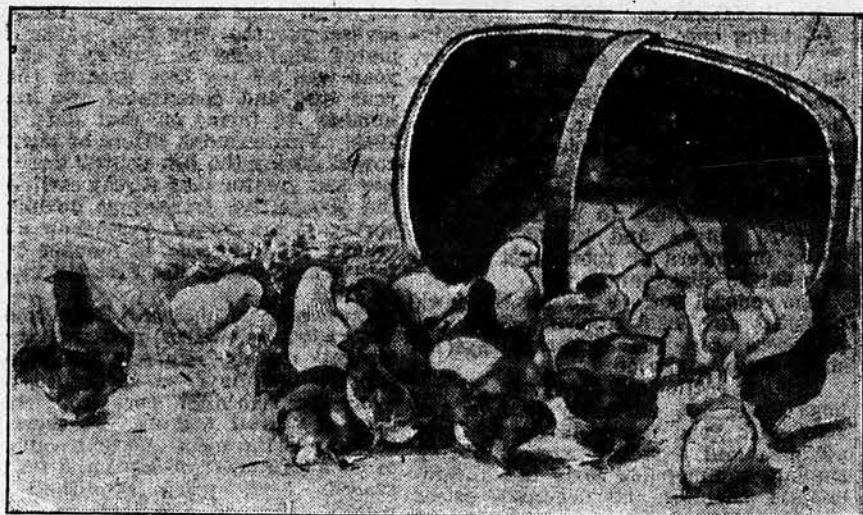
The difference between a shelter and a home is often just equal to a hammer, a nail or two and a paint brush, plus a little ingenuity.

How few farmers realize that the "plain dirt" with which they deal every day is really a thing of beauty, complexity and wonder?

Early Hatched Chicks Best

Proper Date for Incubation Depends Upon Local Climatic Conditions and the Breed

BY WILLIAM H. LAPP



Poultry Raisers Agree That Proper Care During the First Few Days of Their Lives is the Birthright of All Chicks Raised on the Farm

THE proper date for hatching chicks depends upon local climatic conditions and the breed, but to insure vigor, size and productiveness in pullets, hatch them early. Wherever possible, the first hatch should be out by the first or second week of April at the latest, depending on the equipment on hand for brooding. June and July hatches are seldom very profitable and can hardly be advocated unless for certain breeds, such as the Leghorns, or where added attention is given.

Early hatched chicks not only make more rapid gains, but the pullets will lay during the winter months instead of the following spring. The rate of growth for early hatched and late hatched chicks shows very readily that the early hatched chicks produce the greatest returns.

Choice of Breeding Stock

It is seldom a good plan to use eggs for hatching from all the fowls on the farm. To insure good, vigorous chicks which will develop into birds of the highest vitality, make special breeding pens.

These pens should be headed by a vigorous male bird, strong in those features wherein the hens may appear weak. That is, if the hens should show any tendency whatever to poor type or size, this should be overcome by obtaining a male bird strong in these points. The same holds true when selecting females to mate with certain males.

Selection of Eggs

Altho the breeding stock has been carefully chosen, often it is advisable to select the eggs carefully. This not only enhances the possibilities of a good hatch, but has some effect upon the kind of eggs that will be produced by pullets obtained from these eggs.

The selection of the eggs should be based upon the following characteristics: First, size; second, shape; third, condition of shell and fourth uniformity in size and color.

Size is a very important factor in fixing the market value of eggs. Moreover there is a correlation between the size of the eggs and the size of the chick hatched.

Eggs for incubation should be uniform in shape and of the characteristic egg type. Exceptionally long, rounded or short eggs are objectionable, as are malformed eggs. They are difficult to hatch and sometimes the offspring will produce eggs of the same type.

Uniformity in Size and Color

These factors are important in considering the market value of the eggs which will be produced by the offspring. With the increasing tendency toward greater discrimination on the market regarding the value of market eggs, uniformity should not be overlooked entirely.

Strong shells are very desirable. Eggs with shells free from ridges, cracks, transparent spots or deposits of lime or other foreign substances should be used. Avoid missing any defects which do not show on the outside. Test with a candle.

Eggs for hatching ought to be collected at least three times daily and should be placed in a room, the temperature of which is between 50 and 60 degrees. The place must be clean and free from odors which may contaminate the eggs. The eggs should be turned at least once daily. If the eggs are placed in the ordinary fillers the

small end should always be placed down.

There is no advantage in washing the eggs which are to be incubated. Oftentimes as a measure of precaution eggs are wiped with a dampened cloth with a weak solution of some disinfectant prior to incubation. If the eggs become contaminated with filth while in the nest, wash them with warm water rather than leave the filth adhering to the shell.

Success in Raising Turkeys

BY MRS. ORESSIE ZIRKLE

"To make a success of turkey raising one must study the farm papers and poultry journals," says Mrs. Ben. Tullett, of Garden City, Kan.

Mrs. Tullett told me she had started to raise a few turkeys four years ago with four hens and a gobbler. She sold \$300 worth of turkeys that year; becoming enthused with the money makers, she decided to make it a business. She had her farm fenced with high poultry wire fencing, to keep out coyotes and also keep her turkeys at home.

Each year she has added new sires to her flock from Bird Brothers' Gold-bank strain, making it a paying proposition, as she sells her turkeys for breeding purposes.

This last year her flock of nearly 200 birds were the production of nine hens. They are valued at \$1,500. She is heading her flock this year with a \$50 gobbler, whose sire won first prize at Madison Square. He, himself took first prize at the Garden City Poultry Show. Her prizes on exhibits were first on young tom; fourth on young hen and first on old hen. She had

cards printed that she distributed at the show and mailed to folks in the vicinity telling the prices of both sexes, according to individuals. She also runs advertisements in the state and county papers.

Mrs. Tullett sells eggs in season, but hatches as many as she can in an incubator. She uses a Buckeye with good results, and broods her chicks with chicken hens. In this way the poult do not stray so far and the turkey hens are free to lay more eggs. She starts the baby turkeys on hard boiled egg, after 48 hours old, for first feed. Feeding shell and egg finely crumbled together. Then she feeds cottage cheese or milk curd with a sprinkling of black pepper and no salt. Permanganate of potash is put into the drinking water at least once a day, to kill disease germs. To keep her turkeys free from lice she purchases sodium-fluoride and mixes it half and half with flour or cornstarch and puts it in a pepper shaker, then spreads each little wing, dusting in the powder at the quill ends of the feathers. This is where the lice stay on turkeys between their feeding time on the fowl.

As turkeys are grasshopper enemies, and in Kansas they as a rule are plentiful from July 4 to frost, Mrs. Tullett does little feeding until fattening time. Then the turkeys she puts on the market are penned and given a week or 10 days' full feed on corn. To market the turkeys by Thanksgiving or Christmas would be cheaper as they are still on range; but she finds good money keeping her flock until January and later asking a larger price for them. Mrs. Tullett has no children and the companionship with the turkeys takes some of the lonesomeness out of living on a farm.



Your Chicks Need Lime

FOR bone building and good health, keep PILOT BRAND OYSTER SHELL-FLAKE, Chick Size, handy for them all the time.

You will get bigger, meatier, healthier adult chickens and more of them. The cost is trifling.

Pilot Brand Oyster Shell-Flake

is the best, most economical method of supplying lime to fowls. Its use produces more eggs, harder shells, bigger, healthier chickens.

Keep it before your fowls all the time, every day in the year.

To you the cost is only about a penny per hen per year. One extra egg per hen will more than pay this cost.

Pilot Brand

comes to you in 100 lb. new 12-oz. burlap bags. Every bag of it analyzes 98% pure lime. It is washed, dried and graded in two sizes—adult and chick. It contains no dirt, no clam shell, no grit.

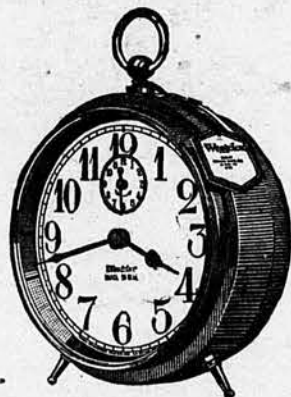
Ask your dealer for PILOT BRAND. If he cannot supply you, write to us.

OYSTER SHELL PRODUCTS CORPORATION
SECURITY BUILDING, ST. LOUIS, MISSOURI

"LIME
ALL THE
TIME"



Westclox



A business-like get up

UP-TO-DATE folks have stopped setting their minds—they set their Westclox.

You decide when you want to wake in the morning, set your Westclox accordingly, and turn in and sleep. Dark or light, winter or summer, you'll get your call right on the dot.

You should find Westclox in several sizes and styles at any up-to-date store. The alarm clocks are from \$1.50 to \$4.75. The watches are \$1.50 and \$2.50.

You can tell them by the name Westclox on the dial and six-sided orange bordered tag.

WESTERN CLOCK CO., LA SALLE, ILLINOIS, U.S.A.

Factory: Peru, Illinois. In Canada: Western Clock Co., Limited, Peterborough, Ont.

Big Ben	Baby Ben	America	Sleep-Meter	Jack o' Lantern	Pocket Ben	Gl-Ben
\$3.50	\$2.50	\$1.50	\$2.00	\$3.00	\$1.50	\$2.50

New Way of Hatching Makes More Money!

YOU can double your poultry profits with perfect hatches. Thousands are doing it with **PORTER SOFT HEAT**. J.R. Singleton, Alba, Texas, made \$404.11 with one Porter Soft-Heat incubator in about four months. Sold 250 baby chicks, 200 broilers, and had 250 pullets and 120 cockerels for himself.

More Than An INCUBATOR

Porter Soft Heat—greatest invention in the poultry world. An automatic mother that stays on the job till hatch is off. Iron clad guarantee. Strong healthy chick from every good egg. No cripples. Beats the hen. Circular nest. Center heat. One filling of lamp to hatch. Glass top. Automatic regulation of heat, ventilation and moisture. 10 minutes a week cares for it. Shipped prepaid. Send name—card will do—for **FREE** free book "How to Hatch For Profit," and low direct prices.

PORTER INCUBATOR CO. 100 to 1000
Box 1339 Blair, Neb. Egg Sizes

The Secrets of Poultry Raising for Profit

Based on my 20 years experience

Is **FREE** Yours

I want you to write me for my Booklet—it won't cost you a cent and will open your eyes to the profits in poultry. It tells and shows why the Honest Fairfield Incubator will settle your Chick Problem. I have been making the Honest Fairfield and advising poultry folks for 20 years. My experience is yours for the asking. Write me today—I'll mail my booklet at once.

FAIRFIELD INCUBATOR CO.
1901 So. 4th St. St. Joseph, Mo.

140 Egg Incubator Only \$13.85
Made of California Redwood, covered with galvanized iron, double walls, air space between, built to last for years; deep chick nursery, hot water heat, copper tanks. Shipped complete, set up, ready to run, freight paid.
140 Egg Incubator with Brooder \$19.75
260 Egg Incubator, Alone, Only \$23.50
260 Egg Incubator, with Brooder \$32.90
30 days trial—money back if not O. K.—FREE Catalog
Ironclad Incubator Co., Box 83, Racine, Wis.

140 Egg Incubator \$13.25
30 Days Trial
Freight Paid east of the Rockies. Hot water, copper tanks—double walls—dead air space—double glass doors—a real bargain at \$13.25. Shipped complete, set up ready to use.
140 Egg Incubator and Brooder - \$17.75
180 Egg Incubator Alone - 15.75
180 Egg Incubator and Brooder - 22.00
250 Egg Incubator Alone - 22.75
250 Egg Incubator and Brooder - 31.00
Made of California Redwood—last a lifetime. Positively the best value on the market today. Order the size you want direct from this ad. 30 days trial—money back if not pleased. If not ready to order now, don't buy until you get our new 1923 catalog. (3)
WISCONSIN INCUBATOR CO. Dept. 136 Racine, Wis.

GEO. H. LEE'S NEW POULTRY BOOK
Just Out—400,000 Copies **FREE**
Tells about every poultry trouble and disease—how to avoid, how to remedy when already present. Mr. Lee is the most widely consulted "chicken doctor" in the world. This latest book is much larger and better, containing valuable new matter, also one year daily egg record for four years. Free at any dealer handling Lee's Little Killers or Germoxone, or write us stating number chickens you have.
GEO. H. LEE CO., F-5 Harney St., Omaha, Neb.

CHICKS \$10.50 AND UP. Heavy laying quality, from personally inspected and Hogan tested hens, in leading varieties. **PRICES:** Barred Rocks, S. C. Reds, Anconas, 50, \$8; 100, \$15; 500, \$72.50. White Buff Rocks, Wh. Wyandottes, 50, \$9; 100, \$17; 500, \$82.50. White and Buff Orpingtons, 50, \$9.50; 100, \$18; 500, \$88. White and Brown Leghorns, 50, \$7; 100, \$13; 500, \$62.50. Mixed, 50, \$6; 100, \$11; 500, \$52.50. Only one Grade and that the BEST. POSTPAID. 97% live delivery guaranteed. Order NOW from this AD and get them when you want them. Free Catalog. You need it. Ref. American National Bank. Sieb's Hatchery, Box 524, Lincoln, Ill. Albert Sieb, Prop., Member I.B.C.A.

Chicks—Ducklings
and hatching eggs from bred-to-lay stock, 12c up. Live delivery guaranteed. Poultry, ducks, geese and turkeys. Bantams, Canaries, Pheasants. Brooders and poultry supplies. Satisfied customers in 30 states. Write today for catalog.
HEIDEL POULTRY FARMS, St. Louis, Mo.

CHIX Rocks, Reds, Leghorns, Orpingtons, Brahmas, Minorcas, Hamburgs, Wyandottes. Personally conducted purebred perfection flocks. Fully guaranteed. Prices so low that ordinary chicks are high. Demand far exceeds capacity. Instructive catalog.
RHODES HATCHERY, Box 2, Dakota, Ill.

BABY CHICKS We hatch leading varieties of Standard-Bred, vigorous, heavy laying stock. Postage paid. Live arrival guaranteed. Send for our prices, open dates and large illustrated catalogues free. Write today.
Superior Poultry Company, Windsor, Mo.
Box K F.

When writing advertisers mention this paper

Slight Changes in Grain

Cattle and Hogs Stage Rallies and Declines by Turns, But Sheep are Lower

BY JOHN W. SAMUELS

APPROACHING spring seems to bring once more a generous mixture of hope and uncertainty. The European market, aside from England, wears some dubious aspects. The home market is dominated by the urgent demand for replenishment of manufactured goods, railway equipment, houses, automobiles, etc. This situation continues to push urban industrial wages and prices upward, while producers of foodstuffs remain at relative disadvantage.

The general outlook for the livestock industry for 1923 appears good but prospects for the different species show some variation.

Briefly, cattle look steady to strong, hogs lower for the early half of the year with good prospects for a slight advance and a steady market during the late summer and early fall and increased supplies and declining prices at the close of the year. The slight advance on choice hogs which is expected to occur during the late summer will probably be offset by heavy marketings of heavy rough sows. Should that occur the advance will not be so apparent when included in averages.

Sheep in Strong Position

Sheep appear to be in a very strong position and should do well thruout the year. The supply is light, the demand for fresh lamb is healthy and increasing steadily, and the market for wool, which has a very important influence on sheep and lamb prices, gives every evidence of continuing good. We import 60 per cent of our wool and the 40 per cent which is supplied by domestic production is bolstered by a protective tariff. Dressed meats are similarly protected.

With the exception of pork and lard which normally are exported in large quantities, our livestock industry depends almost entirely upon domestic consumption for a market. Such domestic consumption depends largely on industrial business conditions and the outlook for these is bright. With labor virtually 100 per cent employed, business conditions good, and meat prices generally moderate, our domestic consumption should leave but little surplus of meat products.

Here again pork provides an exception. Before the war we exported approximately 12 per cent of our total production of pork and lard. In 1919 export trade took 24 per cent of production and in 1921, 15.5 per cent went to foreign consumers. Naturally the demand from this quarter is limited by the ability of the foreign purchaser to pay. Unsettled conditions in central Europe to which we look as a market for a large part of our surplus pork and lard have had much to do with making 1922 exports the smallest for any year since 1917. Apparently present conditions in that quarter of the globe are less favorable than at any time since the termination of the war.

Pork Supplies Increasing

Supplies of pork in storage are increasing but on February 1, 1923 were 5.3 per cent less than the average for the five years immediately preceding, these five years including the war period when conditions were wholly abnormal. Despite the increased re-

ceipts of hogs at public markets for several months past the number estimated on farms on January 1 of this year was 9.7 per cent greater than a year ago, and constituted the largest number on farms on that date since 1919. Furthermore, litters of pigs farrowed during the fall of 1922 were 18.6 per cent greater than a year earlier and the prospective farrowings during the spring of the current year show an increase of 13 per cent in number of litters over those of the first six months of 1922.

Corn may be high and force hogs on the market earlier and at lighter weights thereby reducing the expected supply. We have no assurance, however, that the 1923 corn crop will be even a partial failure. Furthermore, the hog is the most efficient converter of corn into meat we have and for that reason, save when conditions are wholly abnormal and there is an unreasonable disparity between the prices of pork and of corn, the swine industry usually makes a relatively good showing. It is believed that with the advance information regarding prospective supplies now available, marketing, during the coming year, will be conducted in a more orderly fashion than heretofore.

Kansas City Livestock Sales

Livestock prices at Kansas City are lower this week but the volume of trade is fair. Prices sagged largely as the result of heavy storms and delayed traffic to Eastern meat distributing centers, and the fact that the zero hour in the Lenten season trade has been reached. General conditions indicate that killers within the next week will begin to anticipate enlarged demand which follows the closing of Lent, and this should result in improved outlet within the next 10 days. The decline in steers for the week was 25 to 35 cents. Hogs are off 15 cents and lambs down 15 to 25 cents.

Receipts for the week were 35,950 cattle, 5,300 calves, 66,150 hogs, and 32,200 sheep, compared with 35,700 cattle, 6,450 calves, 68,050 hogs, and 24,050 sheep, and 29,300 cattle, 4,850 calves, 44,375 hogs, and 27,725 sheep a year ago.

Beef Cattle Top is \$10

Trade in beef cattle this week encountered the adverse conditions of severe storms at Eastern distributing points that delayed traffic and cut down demand. This resulted in lower prices for fat cattle, temporarily, but as killers have to anticipate demand two weeks ahead, the ending of the Lenten season March 31, should begin to revive demand next week. Killers have at no time this season accumulated large supplies of meat, but have operated on a nearer current basis than for a number of years past. This should make improved meat demand reach the livestock market quickly. A few odd steers this week sold at \$9.75 to \$10. The top price for a full car load was \$9.65, and the bulk of the fat steers sold at \$8.25 to \$9.25. "Dogie" steers brought \$6.50 to \$7.50, and straight grass South Texas steers weighing 992 pounds sold at \$6.25. Cows and heifers were steady, and veal calves \$1 lower.

Slightly higher prices prevailed for

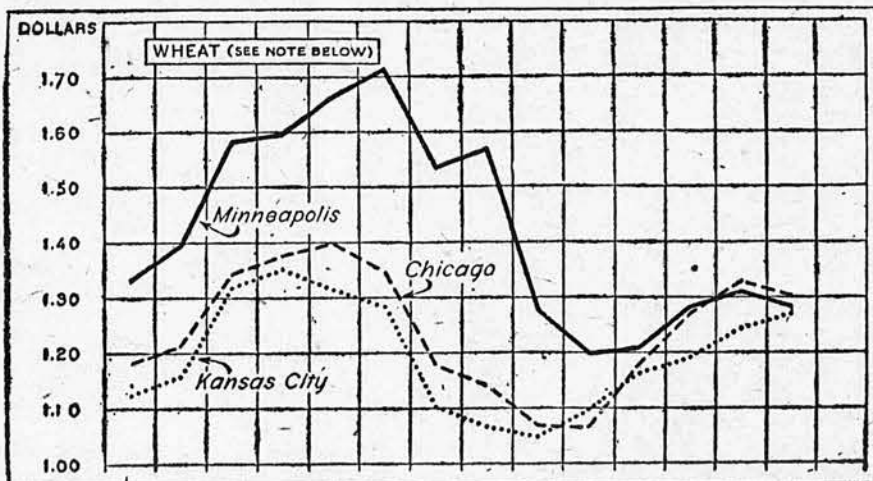


Chart Showing Average Monthly Prices of Red Wheat at St. Louis and Chicago, and Spring Wheat at Minneapolis from December, 1921, to January, 1923



OF COURSE it is. One application of Gombault's Balsam quickly relieves the most stubborn pain. A second use and you're well again, feeling sound as a dollar.

If you have a lame back, stiff neck, cut, bruises, strain or sprain, sore throat, bronchial cold, muscular or inflammatory rheumatism, sciatica or lumbago, get a bottle of Gombault's Balsam today—it will drive out the pain in a hurry.

Safe, healing, antiseptic—this remarkable remedy has been the favorite in many households for a full forty years. Unequalled for external application.

People who have used Gombault's Balsam are never without it. There's no need to suffer if you have it handy.

Sold by druggists everywhere for \$1.50 per bottle, or sent by parcel post direct upon receipt of price.

GOOD FOR ANIMALS, TOO

GOMBAULT'S Balsam is a safe, reliable and effective remedy for most horse troubles. Keeps your horses sound and working. The Lawrence-Williams Company, Cleveland, Ohio. Sole Distributors for the United States and Canada.

GOMBAULT'S BALSAM
The Imported Liniment
HEALING and ANTISEPTIC

Save \$10 to \$20
on every saddle or harness. Buy direct from the factory. No middleman's profit. Send for free catalog—make to consumer. Justin's Boots at Lowest Prices.

The FRED MUELLER SADDLE & HARNESS CO.
402 Mueller Bldg. DENVER, COLO.

Aspirin

Say "Bayer" and Insist!



Unless you see the name "Bayer" on package or on tablets you are not getting the genuine Bayer product prescribed by physicians over twenty-two years and proved safe by millions for

Colds Headache
Toothache Lumbago
Earache Rheumatism
Neuralgia Pain, Pain

Accept "Bayer Tablets of Aspirin" only. Each unbroken package contains proper directions. Handy boxes of twelve tablets cost few cents. Druggists also sell bottles of 24 and 100. Aspirin is the trade mark of Bayer Manufacture of Monoaceticacidester of Salicylicacid.

When writing advertisers mention this paper

stockers and feeders at the opening of the market, but later the advance was lost. Demand was principally on feeding and grazing accounts.

Hog prices rallied sharply early in the week, but turned down again later. Compared with a week ago prices are 10 to 15 cents net lower, with the top now at \$8.05 and bulk of sales \$7.85 to \$8. Thursday was the low day. Packing sows are selling at \$7.25 to \$7.35, or 10 to 15 cents higher and pigs are steady at \$7.25 to \$7.35. Receipts have been about normal for this season of the year. Fresh pork trade has lagged some, but demand for lard has increased. A good many estimate lighter receipts for next week.

Sheep and Lambs

Lamb prices broke 25 cents and sheep were off 10 to 15 cents this week. The Government report that California spring lambs would begin to move the last week in March had a depressing effect. On the close medium and light weight lambs were quoted at \$14 to \$14.50, wethers \$8.75 to \$9.25, ewes \$8 to \$9.65, and yearlings \$12 to \$12.50. Some feeding and shearing lambs sold at \$13.75 to \$14.50.

Horses and Mules

Fairly liberal receipts of horses and mules this week found a ready market at strong prices. Demand came from a wide area. The following quotations are given on horses at Kansas City:

Drafters, weighing 1,500 to 1,700 pounds, \$100 to \$140 apiece; fair to good drafters, \$60 to \$100; good chunks, \$60 to \$125; medium chunks, \$50 to \$85.

The following prices are quoted on good work mules, 4 to 7 years old:

Mules, 13½ to 14 hands high, \$25 to \$90; 14 to 14½ hands, \$50 to \$100; 15 to 15½ hands, \$90 to \$150; 15½ to 16 hands, \$100 to \$175; extra big mules, \$150 to \$175.

Hides and Wool

The following quotations are given on hides and wool in Kansas City:

Hides—No 1 green salted 11c a pound; No 2 hides, 10c; side brands, 8c; bulls, 8c; green glue, 5c; dry flint, 16 to 17c; horse hides, \$2.50 to \$4.50 apiece.

Wool—Bright medium, Kansas, Missouri, Nebraska and Oklahoma wool, 36 to 38c a pound; dark medium, 34 to 36c; light fine, 36 to 38c; heavy fine, 25 to 30c; light fine, Colorado and New Mexico wool, 35c.

Dairy and Poultry

Dairy products show but little change, but eggs show a total decline for the week of 3 cents. Hens were 1 cent higher while springs and broilers were 2 to 3 cents higher. The following quotations are given in Kansas City:

Eggs—Firsts, 23c a dozen; seconds, 20c; selected case lots, 28c.

Live Poultry—Hens, 21c a pound; broilers, 35c; springs, 22c to 27c; stage, 12c; roosters, 10c; capons, 23 to 24c; turkeys, 25c; geese, 13c; ducks, 10c.

Butter—Creamery, extra, in cartons, 51 to 53c; packing butter, 48c; No. 1 butterfat, 45c; No. 2 butterfat, 42c.

Late Grain Quotations

Unfavorable crop reports from many sections of the West, decreased foreign demand, and large available supplies all exercised a strong influence on the market for wheat, but the final result was a small advance for that grain. May deliveries showed advances of 2½ cents, while July and September wheat showed gains of 1 to 1½ cents.

The following quotations on grain futures are given at Kansas City:

May wheat, \$1.11½; July wheat, \$1.07½; September wheat, \$1.05½; May corn, 71½c; July corn, 72½c; September corn, 73½c; May oats, 43½; July oats, 42½c.

On cash sales both hard and dark hard wheat are unchanged, but red wheat is about 1 cent higher. The following quotations are reported at Kansas City:

No. 1 dark hard wheat, \$1.15 to \$1.21; No. 2 dark hard, \$1.15 to \$1.21; No. 3 dark hard, \$1.15 to \$1.20; No. 4 dark hard, \$1.15 to \$1.18; No. 5 dark hard, \$1.14.

No. 1 hard wheat, \$1.13 to \$1.18; No. 2 hard, \$1.12 to \$1.18; No. 3 hard, \$1.11 to \$1.17; No. 4 hard, \$1.10 to \$1.17.

No. 1 red wheat, \$1.25 to \$1.31; No. 2 red, \$1.21 to \$1.30; No. 4 red, \$1.14 to \$1.20.

Corn has advanced ½c to ¾c; kafir and milo are unchanged; while oats advanced ½ cent. The following quotations are given at Kansas City:

(Continued on Page 35)



Canada Offers "Last Chance" for Virgin Farms

THINK of what you could produce on a farm of virgin fertility, without the burden of high-acreage cost. Think of what 20-to-40 bushel wheat would mean to you under these conditions, and of dairying and stock raising on cheap pasture land. Land pays for itself in a few crops—no artificial fertilizer—no heavy investment. You have envied the farmer who got his start when land was cheap. Here's your chance, perhaps your last chance, for the same brand of prosperity.

Western Canada—Your Opportunity!

Western Canada is the farmer's land of opportunity. Thousands of settlers who started not many years ago with little or nothing, are today the owners of fine farms, with comfortable homes and barns, thoro'bred stock, dairy herds—all the marks of prosperity. Yet land is not dear—only \$15 to \$20 an acre for rich, virgin, prairie convenient to railways. Land is not dear in Western Canada—yet—because there is so much of it. But many settlers are expected in 1923, and now is your opportunity, before the best farms are taken. Get started. Taxes are reduced, not raised, on land brought under cultivation. On farm buildings, improvements, machinery, personal effects, automobile, etc., there is no tax at all. Canada wants workers—it wants its land farmed—and the farmers, through their municipal councils, have practical control of all local taxation.

Special Renter's Plan—Buy Out of Profits

To aid and encourage the honest worker with perhaps little capital, the Canadian Government has a "Renter's Plan", whereby one may work a new or improved farm—"Try it out" for several years if desired—and buy a farm of his own out of profits.

Thirty-Two Years to Pay

For the benefit of those wishing to buy land, a national non-profit sharing organization—the Canada Colonization Association—has been established, with head office at Winnipeg, and United States office at St. Paul. This Association offers selected land convenient to railways—much of it at \$15 to \$20 per acre—on very small cash payment; no further payment until third year; balance extended over thirty years, but purchaser may pay up and obtain title at any time, if desired. Interest six per cent.

Get the Facts—Costs You Nothing

Mail the coupon to the agent mentioned below, located nearest to you. He is the official representative of the Canadian Government, authorized to give you information and assistance, without charge, and glad to be of service to you.

Mail the Coupon Tell us something of your position, and what you are looking for, and receive descriptive book with maps, and free service of the Canadian Government Agent in your territory; also information how special railway rates can be arranged for a trip of inspection.

Canadian Government Agent,
Desk 88, 2012 Main St., Kansas City, Mo.

Free Homesteads are still available in some localities. Canada welcomes Tourists—come and see our country—No Passports required.



CANADIAN GOVERNMENT AGENT
Desk 88, 2012 Main St., Kansas City, Mo.

Agent, Department of Immigration—Please send me your free book on Canada. I am particularly interested in:

Western Canada	Eastern Canada
Rentals	Buying
Grain Growing	Stock Raising
Dairying	Diversified Farming
Special Railway Rates	

Name.....
R. F. D. No. or St. Address.....
P. O.....State.....

Boys' and Girls' Auto FREE

Here's a Real Auto With a 5-Horse-Power Engine
This classy racer will do anything a full-sized car will do because it is built like a real automobile. It will even go where a big car can't go. For it has a narrow tread so you can drive anywhere—thru forest—up lanes—anywhere you could ride a bicycle. Yet you need not take the dust from anyone.

SEND NO MONEY
Just Your Name
Don't lay down magazine until you have mailed me your name and address. By doing this you will get full information by return mail telling exactly how you can get this wonderful boys' and girls' auto without it costing you one cent. Send today—quickly. Be the first in your neighborhood to have one.

This Classy Car Can Be Yours
Just look at the happy faces in this picture. Don't they look like they were ready for a real time, perhaps off on an errand for Mother or a jaunt to the postoffice? Wouldn't you like to be with them? You can own a Culver Racer if you send me your name and follow my instructions. When I tell you this auto is to be given free—I mean free—it won't cost you one cent of your own money.

DON'T SEND A CENT All you need to do now is to rush me your name and address quick. A post card will do. Hurry if you want a free auto.

BILLY BRUCE, Mgr., Dept. 403, Topeka, Kansas

Capper's Farmer Eight Months For 10c

Senator Arthur Capper's Washington Comment
One of the most interesting and instructive departments of Capper's Farmer is conducted by Senator Arthur Capper in Washington, D.C. In these articles you get the latest and most authentic news and comment on what should be, and is being, accomplished by our representatives.

CAPPER'S FARMER is edited by men who live on the farm. It is published in the heart of the greatest agricultural country in the world. It stands for a square deal for the consumer and fair profits for the producer thru eliminating grain gamblers, market jugglers, and other trusts and combines. For the American farmer, who wants to be progressive, there is no such favorite as Capper's Farmer. There is a department for the women, boys and girls, marketing livestock, poultry, dairy, farm machinery, horticulture, health, etc. In order to introduce Capper's Farmer—a farm paper that's different—the publisher agrees to enter a trial subscription—8 months for 10 cents. Send dime or stamps. **CAPPER'S FARMER, Dept. 100, Topeka, Kansas**

FARMERS' CLASSIFIED ADVERTISING

Rate: 10 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 8 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department. Minimum charge, ten words.

TABLE OF RATES

Words	One time	Four times	Words	One time	Four times
10.....	\$1.00	\$3.20	26.....	\$2.60	\$8.32
11.....	1.10	3.52	27.....	2.70	8.64
12.....	1.20	3.84	28.....	2.80	8.96
13.....	1.30	4.16	29.....	2.90	9.28
14.....	1.40	4.48	30.....	3.00	9.60
15.....	1.50	4.80	31.....	3.10	9.92
16.....	1.60	5.12	32.....	3.20	10.24
17.....	1.70	5.44	33.....	3.30	10.56
18.....	1.80	5.76	34.....	3.40	10.88
19.....	1.90	6.08	35.....	3.50	11.20
20.....	2.00	6.40	36.....	3.60	11.52
21.....	2.10	6.72	37.....	3.70	11.84
22.....	2.20	7.04	38.....	3.80	12.16
23.....	2.30	7.36	39.....	3.90	12.48
24.....	2.40	7.68	40.....	4.00	12.80
25.....	2.50	8.00			

RELIABLE ADVERTISING

We believe that every advertisement in this department is reliable and exercise the utmost care in accepting classified advertising. However, as practically everything advertised in this department has no fixed market value, and opinions as to worth vary, we cannot guarantee satisfaction. We cannot guarantee eggs to reach the buyer unbroken or to hatch, or that fowls or baby chicks will reach the destination alive. We will use our offices in attempting to adjust honest disputes between buyers and sellers, but will not attempt to settle minor disputes or bickerings in which the parties have villed each other before appealing to us.

Special Notice All advertising copy must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

AGENTS WANTED

AGENTS SELL FRENCH FLOW POINTS. No welding. Farmers put them on. Outwear three wheel points. A. J. Chapman, 1333 Cherokee St., Denver, Colo.

WE PAY \$200 MONTHLY SALARY, FURNISH RIG AND EXPENSES TO introduce our guaranteed poultry and stock powders. Bigler Company, X671, Springfield, Ill.

BUSINESS OPPORTUNITIES

FOR SALE: CLEAN STOCK GENERAL Merchandise invoices \$3500, good small town, cash business, low rent, a money maker. No trades. 425 Lane St., Topeka, Kan.

WE WANT AT ONCE A RELIABLE MAN or woman in each town in Kansas to look after new and renewal subscriptions for the Capper Publications. Work either full time or part time. If you are now doing house to house soliciting, take our work on as a side line and increase your income materially. For full particulars write at once to Desk 200, Capper Bldg., Topeka, Kansas.

PUT YOUR BUSINESS BEFORE MORE than 1,180,000 farm families in the 16 richest agricultural states in the Union by using the Capper Farm Press. A classified advertisement in this combination of powerful papers will reach one family in every three of the great Mid-West, and will bring you three of the best results. This does not apply to real estate or livestock advertising. The rate is only 60 cents per word, which will give you one insertion in each of the five sections, Capper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Capper Farm Press, Topeka, Kansas.

HELP WANTED—MALE

EXPERIENCED FARM HANDS, EXCELLENT room and board, \$28.00 per month, \$33.00 per month if remain the year. Swain Ranch, Dwight, Kan.

HELP WANTED

WANTED—MARRIED MAN ON STOCK farm. House for small family. Achenbach Bros., Washington, Kan.

MARRIED MAN FOR FARM WORK. wife to board extra help. Forty dollars per month. House, milk, wood, garden spot, horse and buggy furnished. Howard Barnard, Madison, Kan.

EDUCATIONAL

\$1600-\$2300 YEAR. RAILWAY MAIL clerks. Specimen examination questions free. Franklin Institute, Dept. R-15, Rochester, N. Y.

PATENT ATTORNEYS

PATENTS. BOOKLET AND ADVICE FREE. Watson E. Coleman, Patent Lawyer, Pacific Building, Washington, D. C.

PATENTS PROMPTLY PROCURED. SEND for full information as to procedure and cost. 15 years' experience. James N. Lyles, 734B 8th Street, Washington, D. C.

INVENTORS WRITE FOR OUR ILLUSTRATED book and record of invention blank. Send model or sketch for our opinion of its patentable nature. Highest references, prompt service. Reasonable terms. Victor J. Evans & Co., 826 Ninth, Washington, D. C.

MILLIONS SPENT ANNUALLY FOR ideas! Hundreds now wanted. Patent yours and profit. Write today for free books—tell how to protect yourself, how to invent, ideas wanted, how we help you sell, etc. Patent Dept. 402, American Industries, Inc., Washington, D. C.

PATENTS—BEFORE SUBMITTING INVENTION, write for information concerning procedure, cost, and ability of attorney. These promptly furnished. References to clients in your state. B. P. Fishburne, Registered Patent Lawyer, 331 McGill Bldg., Washington, D. C.

FOR SALE OR TRADE

FOR SALE OR TRADE FOR LIVE STOCK. Holt Caterpillar 45 Tractor; also John Deere 6 bottom power lift plow. Write for particulars and price. John I. Goodrum, Milan, Kan.

WANT TO BUY

SEEDS WANTED—WE BUY CAR LOTS OR less. Alfalfa, clovers, cane, millet, Sudan. Send samples for bids. Ed F. Mangelsdorf & Bros., Wholesale Field Seeds, St. Louis, Mo.

FOR THE TABLE

PEANUTS—10 QTS. \$1.00. POSTAGE PAID. W. A. Morrison, Hagerman, Texas.

5 1/2 POUNDS FULL CREAM CHEESE \$1.65 postpaid in Kansas. Roy C. Paul, Moran, Kan.

HONEY

PURE EXTRACTED HONEY, 10 LBS. \$2.00; 5 lbs. \$1.10, prepaid. Frank Van Haltern, Wathena, Kan.

FINEST LIGHT EXTRACTED HONEY 25 lb. can \$3.50; 60-lb. \$6.50; 120-lb. \$12.00; here. Frank H. Drexel & Sons, beekeepers, Crawford, Colo.

TOBACCO

TOBACCO—KENTUCKY'S PRIDE, RICH, mellow chewing, ten pounds \$3; smoking, ten pounds \$2; twenty pounds \$3.50. Farmers Club, Mayfield, Ky.

HOMESPUN TOBACCO, CHEWING 5 pounds \$1.75; 10 pounds \$3.00; smoking 5 pounds \$1.25; 10 pounds \$2.00. Pipe and recipe free. Send no money, pay when received. United Tobacco Growers, Mayfield, Ky.

HOMESPUN TOBACCO, CHEWING, 5 pounds \$1.75; 10 pounds \$3.00; 20 pounds \$5.25. Smoking, 5 pounds \$1.25; 10 pounds \$2.00; 20 pounds \$3.50. Send no money, pay when received. Co-operative Tobacco Growers, Paducah, Ky.

KODAK FINISHING

TRIAL ORDER—SEND 125c AND ROLL for 6 beautiful glossitone prints or 6 prints. Fast service. Day Night Studio, Sedalia, Mo.

MACHINERY FOR SALE

FEW BULL TRACTORS, REPAIR PARTS. S. B. Vaughan, Newton, Kan.

16-30, 20-40 RUMELY TRACTORS; 23-43 Avery separator, real bargains. Anton Steiner, Lincolnville, Kan.

McCORMICK HARVESTER THRESHER. Excellent condition, cut 400 acres. Warren Saxon, Scott City, Kan.

32x54 STEEL SEPARATOR, GOOD CONDITION, used 8 seasons, price \$250.00. Geo. D. Whiting, Mt. Hope, Kan.

FOR SALE: ADVANCE COMPOUND 21 H. P. 36x60 Avery separator. If interested write Edward B. Estes, Tonganoxie, Kan.

30-60 HUBER TRACTOR—RUNNING ORDER—cash, terms or trade for 25-50 Avery or 20-40 Oil Pull. Dan A. Becker, Galva, Kan.

FOR SALE: AUTO TRAILER, FANNING mill and grain grader with wagon elevator. Fairbanks Morse 1 1/2 Horse engine. Henry S. Voth, Route 2, Goessel, Kan.

FOR SALE OR TRADE: AVERY THRESHING rig fully equipped; 18-30 tractor with big heads, 24x36 separator, run about 35 days. Will take Fordson tractor in trade. Paul Buller, Route 1, Goessel, Kan.

ONE DART TRACTOR 12-25, ONE AVERY tractor 8-16, one Overland Automobile 85-4; property is located at Elkhart, Kan., and for sale under mortgage foreclosure. Write the Equitable Investment Corporation, Wichita, Kan.

TWO NEW FOUR-WHEEL DRIVE TRACTORS 20-35 H. P., list price \$2,000; to close out will sell for one-half price. Terms to responsible party. Full information to any one interested. Farmer Auto Company, 1104 Frederick Ave., St. Joseph, Mo.

WE HAVE THE FOLLOWING USED MACHINERY priced for quick sale: One 30-60 Allman tractor, one 30-60 Hart Parr tractor, one 40-80 Minneapolis tractor, one 25-50 Allman Taylor tractor, one 22-40 Case tractor, one 18-36 Oil Pull tractor, one 16-30 Oil Pull tractor, one 20 H. P. Reeves Double steam engine, one 15 H. P. Case steam engine, one 25 H. P. Simple Reeves contractors type, one 30 H. P. Avery return flue, one 1922 Waterloo Boy, one 10-18 Case tractor, one 12-20 Oil Pull, one Wallace Cubb Model K, 2 Empire Milking machines complete, one 22x36 Avery separator, 1 power sorghum mill, one 8 bottom J. D. Lever lift tractor plow, one 6 bottom Oliver Lever lift tractor plow, one 2 bottom Avery power lift tractor plow, one 2 bottom tractor plows, one 4 disc tractor plow, one No. 56 Stover alfalfa cutter, one 22 inch Ohio Endstage cutter, one 14 H. P. Stover hopper cooled kerosene engine, one Eli 14-18 tractor hay press, one Sandwich hay press with 7 H. P. engine mounted. Green Brothers, Lawrence, Kan.

SEEDS—PLANTS—NURSERY STOCK

SOY BEANS, SABLE, \$2.00 BUSHEL. L. C. Thomas, Humboldt, Kan.

SUDAN GRASS SEED, RECLEANED, \$15.00 cwt. Paul Gould, Dodge City, Kan.

PURE PINK KAFIR, \$1.50 PER BUSHEL. Certified. Grover Lee, Pratt, Kan.

SWEET POTATO SEED-YELLOW JERsey. H. C. Hays, Manhattan, Kan.

STRAWBERRY PLANTS \$3.00 PER 1,000. List free. J. Sterling, Judsonia, Ark.

RECLEANED BLACK SOY BEANS, THREE dollars. Rudolph Kampling, Elmore, Kan.

SEED SWEET POTATOES, 16 VARIETIES. Write for prices. Johnson Bros., Wamego, Kan.

PURE GOLDMINE SEED CORN, \$2.00 per bushel. J. F. Feigley, Enterprise, Kan.

RED BERMUDA, YELLOW JERSEY AND Southern Queen seed sweet potatoes, \$1.25 per bu. Albert Pine, Route 6, Lawrence, Kan.

SEEDS—PLANTS—NURSERY STOCK

BLACKHULL WHITE KAFIR SEED, \$2.50 hundred. Sacks furnished. Joe Timmons, Hoxie, Kan.

BLOODY BUTCHER SEED CORN; drought resisting kind. Francis Habiger, Bushton, Kan.

APPLE TREES, FIRST CLASS, 2 YEAR, 6 to 6 ft., \$30.00 at Pawnee Rock Nursery, Pawnee Rock, Kan.

KANOTA OATS ALL SOLD. SEED CORN next. Everything certified. Laptad Stock Farm, Lawrence, Kan.

ALFALFA SEED, A-1 \$10 PER BU. SACKS furnished. Write for sample. Camilla Luther, Cimarron, Kan.

PRIDE OF SALINE AND COMMERCIAL White seed corn, \$2.00 per bushel. C. C. Cunningham, Eldorado, Kan.

CHAUTAUQUA WHITE SEED CORN; hand picked, nubbed and graded, \$2.50 bushel. Roy Roach, Cedarvale, Kan.

FOR SALE—EXTRA FINE SUDAN SEED, 13 cents per pound recleaned. F. O. B. Assaria Hardware Co., Assaria, Kansas.

BEST RECLEANED CERTIFIED GRIMMS alfalfa, patronize producer. Ask for sample and price. G. W. Fisher, Mack, Colo.

YELLOW JERSEY SEED OR COOKING sweet potatoes, three dollars per hundred. Denis D. Doty, Garden City, Kan.

SEED CORN AND BLACK HULL KAFIR, first prize state fair, \$1.50 bushel. Sweet Corn 10c lb. Sam Stoughton, Hutchinson, Kan.

ORANGE CANE SEED, FREE FROM smut, \$4.50 per 100 pounds. Sudan grass \$12.50. Sacks free. William Cutler, Hugoton, Kan.

SWEET CLOVER, HULLED, WHITE OR yellow, recleaned, \$3 a bushel; alfalfa \$6 and \$8; sacks 35c. Robert Snodgrass, Augusta, Kan.

DO YOU NEED PASTURE? SWEET CLOVER, permanent, nutritious, heavy yielding, very fattening. Sow on rather thin small grain up till alfalfa sowing time. Information. John Lewis, Virgil, Kan.

CERTIFIED PRIDE OF SALINE, AND Freed's White Dent corn \$2.00, and Black-hull Kafir \$1.75 per bushel. Bruce S. Wilson, Keats, Kan.

FROSTPROOF CABBAGE PLANTS POST-paid, 500, \$1, 1000, \$1.75. Express \$1 thousand, 10,000, \$7.50. No delay. Belmont Plant Co., Albany, Ga.

KLECKLEY SWEET WATERMELON SEED 50 cents pound. Black Spanish Broom Corn seed \$2.50 bushel. Dwarf Milo Maize \$2.50 bushel. Pure Seed Co., Rolla, Kan.

RED AMBER CANE SEED, \$4.00; ORANGE \$4.50; Pink Kafir, Golden and Siberian Millet, \$3.00; Sudan Grass, \$14.00. All per cwt. Northwestern Seed House, Oberlin, Kan.

DEPENDABLE FRUIT AND SHADE trees, shrubbery, small fruits, roses, vines, perennials, plants, bulbs and supplies. 48 page catalog free. Hutchinson Nurseries, Kearney, Neb.

150 DUNLAP STRAWBERRY PLANTS \$1.00; 100 asparagus plants \$1.00; 100 Kansas black raspberry \$2.00; 20 rhubarb plants \$1.00, prepaid. Albert Pine, Route 6, Lawrence, Kan.

KAFIR—DWARF BLACK HULL AND Sunrise pure, tested, recleaned, two dollars bushel. Orange Cane two dollars; Sumac three dollars bushel. Sacks free. John A. McAllister, Russell, Kan.

PLANTS: FLOWER, VEGETABLE, VINE, bulb plants, choicest varieties, expert grown, delivered you at planting time, mail or express prepaid. Send name for circular. Weavers Gardens, R. 9, Wichita, Kan.

PRIME ALFALFA \$6.50 BU.; PRIME Sweet clover, \$6.50 bu.; Prime Red clover, \$10 bu.; Prime timothy, \$3.00 bu.; Sudan Grass, \$6.00 bu. Bags free, f. o. b. Kansas City. Standard Seed Company, Kansas City, Mo.

MIXED CANNA BULBS: DOZEN 60c; 50-\$2.00. Second year Hollyhocks, dozen 25c; 50-\$1.00. Postpaid. Eighty kinds vegetable and flowering plants. Send for price booklet. John Patzel, 501 Paramount, N. Topeka, Kan.

WESTERN KANSAS SEEDS, DROUTH resisting. Recleaned choice Sudan \$15.00 cwt. Feterita \$3.00 cwt. Maize \$3.00 cwt. F. O. B. Dodge City. All kinds corn, alfalfa, cane, millet, kafir. Dodge City Seed Co., Dodge City, Kan.

ALFALFA SEED: RECLEANED, NON-IR-rigated at \$9.00-\$10.50 and \$12.00 per bu. White Bloom Sweet Clover \$7.50, scarified \$8.40 per bu., our track, bags 40c. All kinds kafir, cane, millet and flax. Samples on request. The L. C. Adam Merc. Co., Cedarvale, Kan.

FREE: SEND FOR FREE BOOK ON HARDY trees, plants, shrubs, vines and seeds; from the heart of the Ozarks. Ideal for reference. Lists hundreds of varieties at low prices; directions for planting; special offers, etc. Book free; write today. Arkansas Seed & Nursery Co., Dept. G2, Fayetteville, Ark.

QUALITY TREES AND PURE SEEDS FOR spring planting. Our trees are thrifty, whole rooted, free from disease, and priced at reduced wholesale prices. Northern grown quality seeds that grow and satisfy. Send today for our catalogue and price lists which are full of valuable information to the planter. Wichita Nurseries and Seed House, Box B, Wichita, Kan.

I WISH TO THANK THE MANY FRIENDS for the patronage from last season. Hoping to have them with us again and solicit many more this season. I will do my best to supply the goods. Watch for my big plant ad about April first. I have a few of those nice sweet potatoes left, including the Porto Rico. Better hurry if you want them. C. R. Goerke, Sterling, Kan.

MOTORCYCLES

BARGAINS IN USED MOTORCYCLES—Prices slashed. Forced to sacrifice big stock, all makes, all models, \$35.00 up. Guaranteed. Shipped on approval. New easy payment plan. Send stamp for illustrated bargain bulletin. Floyd Clymer, Denver, Colo.

RADIO SUPPLIES

HERE'S GOOD RADIO NEWS: A GUAR-anteed detector and one-stage amplifier receiving set with a range of the United States for only thirty dollars. H. & H. Co., Lincolnville, Kan.

STORAGE BATTERIES

SAVE 20% ON YOUR STORAGE BATTER-ies. The Manhattan Battery, direct from factory, gives 100% satisfaction. We also rebuild old batteries at great saving to you. Young men, learn a paying trade at our battery school. Write for information and prices. The Manhattan Battery Mfg. Co., Manhattan, Kan.

TYPEWRITERS

TYPEWRITERS. TRIAL; PAYMENTS; guaranteed five years. Josephine Yotz, Shawnee, Kan.

REBUILT TYPEWRITERS. ALL MAKES. Sold, rented, repaired, exchanged. Fire proof safes. Adding machines. Jos. C. Wilson & Co., Topeka, Kan.

MISCELLANEOUS

OLD COINS FOR SALE. LAWRENCE Graves, St. Francis, Kan.

OH CALIFORNIA! BRIGHT BEAUTIFUL waltz. Buy from publisher fifteen cents. Lura Von Rohl, Box 1276, Richmond, Calif.

AUTO-TRACTOR OILS FROM REFINERY. 7 years securing inside contracts. Positively guaranteed. 50 Gal. medium 42 cents; Fordson 47 cents. Drum free, first order Sharp, Hunnewell, Kan.

AUTOMOBILE MECHANICS. OWNERS, garagemen, repairmen, send for free copy America's Popular Motor Magazine. Contains helpful instructive information on overhauling, ignition, wiring, carburetors, batteries, etc. Automobile Digest, 622 Butler Bldg., Cincinnati.

DOGS AND PONIES

SHEPHERD PUPS, GOOD ONES. MALES \$5.00. Fred Weihe, Lorraine, Kan.

CHOICE COLLIE PUPS, NATURAL HEEL-ers. Maxmeadow Kennels, Clay Center, Neb.

SHEPHERD PUPS; PARENTS NATURAL heelers. Female \$5, male \$10. Lyle Spear, Verona, Neb.

GERMAN SHEPHERD; AIREDALES; COL-lies; Old English Shepherd dogs; puppies. 10c illustrated instructive list. W. R. Wat-son, Box 31, Macon, Mo.

SCOTCH COLLIES: OVER 100 HEAD TO select from. A combination of over 25 years breeding of the choicest imported strains. Illustrated circular free. H. H. Har-vey Dog Farm, Clay Center, Neb.

FREE TO DOG OWNERS—POLK MIL-ler's famous dog book, 64 pages on care, feeding, training, with alliment chart and Sen. Vest's celebrated "Tribute to a Dog" etc. Also full list Sergeant's Dog Medi-cines, the standard for 44 years. Just send your name and address. Our free advice department will answer any question about your dog's health free. Polk Miller Drug Co., Inc., 119 Governor St., Richmond, Va.

POULTRY

Poultry Advertisers: Be sure to state on your order the heading under which you want your advertisement run. We cannot be responsible for correct classification of ads containing more than one product unless the classification is stated on order.

ANCONAS

ANCONA EGGS, COCKERELS. STATE Fair winners. Bargain prices. Sadie Miller, Meriden, Kan.

BLUE RIBBON, BEST DISPLAY WIN-ners. Chicks 15 cents. Eggs \$7.00-100. Mrs. Carl Modine, McPherson, Kan.

SHEPARD STRAIN ANCONA CHICKS \$12; eggs \$6, prepaid. Live delivery and satisfaction guaranteed. Maude Henkle, Le-Roy, Kansas.

SINGLE COMB ANCONAS. GREATEST winter layers. \$5.00 per hundred, \$1.25 per setting. Baby chicks, 15 cents. B. L. Taylor, Peabody, Kan.

IMPORTED AND SHEPARD STRAIN DI-rect, best laying strain. Eggs \$1.00 per 15, \$6.00 per 100. Satisfaction guaranteed. Shem Yoder, Yoder, Kan.

PURE ANCONAS, SHEPARD'S STRAIN, extra good layers. Chicks 14 cents; eggs \$6.00-100. Guarantee live delivery. Pre-paid. James Christiansen, Capton, Kan.

SINGLE COMB ANCONAS, SHEPARD direct foundation. Choice range flock. Chicks 100-\$16.00; eggs 100-\$6.00. Prepaid. Safe delivery. Jno. R. Baker, Downs, Kan.

ANCONA EGGS AND CHICKS FROM three pens. Trapnested, pedigreed, pure-bred stock. Mating list free. Third pen eggs, \$5.00 hundred; chicks, \$17.00. Mar-tins' Ancona Pens, Brookville, Kan.

STEWART'S ANCONAS: RANGE FLOCK eggs \$1.50 per setting, \$7.00 per 100; \$6.50 per 100 in case lots, prepaid; safe arrival; 80 per cent fertility. Chicks \$16.00 per 100. Ray E. Stewart, Sylvan Grove, Kan.

S. C. ANCONA CHICKS AND EGGS FROM range flocks, \$1.50 for 15 eggs, \$5.00 per 100. Chicks 15 cents. Also eggs and chicks from special pens. Write for mating list. Walter Pierce, Route 3, Chapman, Kan.

PAGE'S ANCONA DOPE TELLS WHY WE quit all other breeds. Card brings it. Cockerels and eggs reasonable. Liberal guar-antee. Take time to read this literature be-fore you order. Member both clubs. Ancona Page, Salina, Kan.

Ancona—Eggs

SHEPARD'S ANCONAS, EGGS \$4.75-100, prepaid. Mrs. Anton Friska, Hanover, Kan.

S. C. ANCONA EGGS, RANGE, HUNDRED \$8.00; pens \$10 to \$15. Claire Conable, Axtell, Kan.

PURE BRED ANCONA EGGS \$5.00 PER hundred. Expert culled. Mrs. B. H. Bagley, Zenith, Kan.

SINGLE COMB ANCONA EGGS, \$1.00 PER setting, \$5.00 per hundred, from healthy flock of high producers. Cecile McGuire, Pratt, Kan.

Ancona—Eggs

SHEPPARD STRAIN ANCONAS, 100 EGGS \$7.50 prepaid. Milk goats. The Anconary, McPherson, Kan.

SINGLE ANCONAS, FROM 331-240 EGG strain, \$5.50-100 prepaid. Amiel Dorr, Osage City, Kan.

ROSE COMB ANCONA HATCHING EGGS. Winter layers, \$1.00-15, \$5.00-100. Rose Hefty, Valley Falls, Kan.

SINGLE COMB ANCONA EGGS, FROM pure selected flock; 50-\$3.00, 100, \$5.50, postpaid. A. C. Dodd, Linn, Kan.

PURE SHEPPARD'S STRAIN SINGLE Comb Mottled Anconas. Selected eggs, \$5-100. Martha Greenwood, Clifton, Kan.

Andalusian—Eggs

BLUE ANDALUSIAN EGGS \$5.00 HUN- dred, \$1.25 setting. C. L. Harris, Bavaria, Kan.

GUARANTEED BLUE ANDALUSIANS; THE big kind that lays a big white egg. \$1.25 setting, \$7.50 hundred. A. A. Neufeld, Route 2, Buhler, Kan.

ROGERS' BLUES, NINE YEARS BREED- ing eggs from Blues only. Fresh eggs guaranteed. \$1.50 setting, \$8.00 hundred, prepaid insured. Rates on larger orders. Rogers, Colwich, Kan.

BRAHMAS

LIGHT BRAHMA COCKERELS, \$2.50 each. Mrs. Albert Appel, Rt. 1, Bushton, Kan.

LIGHT BRAHMA EGGS AND CHIX. TOU- louse goose eggs. Lucretia Seimears, Howard, Kan.

Brahma—Eggs

MAMMOTH LIGHT BRAHMAS, PURE bred laying strain. Eggs 15-\$2.00, 30-\$3.00, 100-\$8.00. Prepaid, safe delivery. Mrs. V. Rogers, Sharon, Kan.

BABY CHICKS

CLANIN'S HATCHERY CHIX 10 TO 18 cents. Jewell, Kan.

STANDARD ROSE COMB RED CHICKS. Lily Robb, Neal, Kansas.

BUFF WYANDOTTE BABY CHIX, 15 cents each. Will Wyckoff, Luray, Kan.

WHITE WYANDOTTE, BLACK MINORCA baby chicks. Ella Yeager, Garnett, Kan.

QUALITY CHICKS, CHEAP; PURE breeds. Catalogue. Hamilton Hatchery, Garnett, Kan.

BABY CHICKS, PURE BRED WHITE WY- andottes, 15 cents prepaid. Floyd Sellers, Galva, Kan.

CHICKS: 7c UP. GUARANTEED. POST- paid. Catalog free. Colonial Hatcheries, Windsor, Mo.

ANCONA CHICKS, REAL YEAR ROUND layers. Also other varieties. Carl Stirtz, Abilene, Kan.

BEST CHICKS: ROCKS, WYANDOTTES, Reds, Leghorns. Delivery guaranteed. Ida Hawkins, Lebo, Kan.

BABY CHICKS, THIRTEEN VARIETIES. Send for illustrated catalogue. Smiley's Hatchery, Seward, Neb.

PEPPY BABY CHICKS, 7 CENTS UP, write for particulars. Chicken Little Hatchery, Lincoln, Neb.

LINE BRED WHITE WYANDOTTE BABY chix, 15 cents; eggs 6 cents. Mrs. A. E. Waterman, Peabody, Kan.

1,000,000 PURE BRED CHICKS, GET OUR 20 page catalog before ordering. Rex Poultry Co., Clinton, Missouri.

CHICKS 8c UP. TWELVE VARIETIES. Best laying strains. Catalog free. Missouri Chickeries, Clinton, Mo.

BEST QUALITY CHICKS: LOWEST PRIC- es. Leading varieties. Postpaid. Circular free. Ideal Hatchery, Eskridge, Kan.

WENGER'S S. C. W. LEGHORNS. BABY chicks 100-\$10.50, 500-\$50.00. Live delivery. prepaid. Jonas Wenger, Canton, Kan.

WHITE ORPINGTONS 16c; BUFF OR- pingtons, Silver Laced Wyandottes 15c, prepaid. H. C. Gutridge, Waverly, Kan.

CHICKS—GREAT BIG ILLUSTRATED chick book free. Better chicks for less money. Comfort Hatchery, Windsor, Mo.

25,000 PURE BRED CHICKS WEEKLY. Lowest prices, live delivery guaranteed. Catalog free. Lindstrom Hatchery, Clinton, Mo.

PURE BRED BARRON STRAIN WHITE Leghorn chicks \$12.00-100 prepaid. Live delivery guaranteed. Della Wood, Milan, Kan.

BABY CHIX: ROSE COMB, RED AND White Leghorns, from pure bred stock. Price 13c each. Weaver's Hatchery, Wakefield, Kan.

SINGLE COMB WHITE LEGHORN chicks from carefully selected flocks. Quality guaranteed. Mrs. Anna Hege, Sedgewick, Kan.

BEST CHICKS, EIGHT CENTS UP, PRE- paid, live delivery. Leghorns, Orpingtons, Rocks, Reds. Clay Center Hatchery, Clay Center, Kan.

200,000 BABY CHICKS TO SELL. YOU buy the best for the least money, guaranteed alive, from Colwell's Hatchery, Smith Center, Kan.

WHITE AND COLUMBIAN WYANDOTTES baby chicks, 100 per cent live delivery guaranteed. Mrs. A. B. MacIsaac, Burlington, Kan.

PURE BRED QUALITY CHICKS: LEG- horns \$10 per 100, Reds, Anconas \$12, Rocks \$13, Wyandottes \$14. Jenkins Poultry Farm, Jewell, Kan.

S. C. ENGLISH WHITE AND DARK Brown Everlay Leghorn chicks, \$10 per hundred, live delivery, postpaid. Mrs. Leona Jeffers, Mildred, Kan.

ENGLISH S. C. WHITE LEGHORNS; HO- ganized, high producing flock. Chicks \$14.00-100, live delivery guaranteed. Geo. Cramer, Route 4, Oberlin, Kan.

HIGHEST QUALITY BABY CHICKS—ANY variety. Prices reasonable. Breeding stock for sale. Write for catalog. Parsons Poultry Farm Hatcheries, Parsons, Kan.

CHIX, \$12.00 HUNDRED UP. BIG, FLUF- fy, vigorous. Eight pure bred varieties. Eighth season. Circular free. Silver Spring Hatchery, Box 97, Abingdon, Ill.

BABY CHICKS—BARRED ROCKS, REDS, Orpingtons, White Wyandottes, Anconas, Leghorns, mixed breed, 10c up. Cochran Hatchery, 3149 Sutton, Maplewood, Mo.

BABY CHICKS

CHICKS AS HARDY AS MISSOURI MULES. Pure bred flocks carefully culled by specialist. Quality guaranteed. Nine varieties. Premier Hatchery, Warrensburg, Mo.

BABY CHICKS FROM HEAVY EGG PRO- ducing strains. Live delivery guaranteed. Fifteen leading pure breeds. Catalog free. Smith Brothers Hatcheries, Mexico, Mo.

SINGLE COMB WHITE LEGHORN CHICKS from our own breeding, year around layer strain. Price \$14 prepaid. Shipping every Monday. Myers Hatchery, Clay Center, Kan.

SINGLE COMB WHITE LEGHORN BABY chicks, tested heavy laying Barron strain, fourteen cents, prepaid. Live delivery guaranteed. Wyllies Hatchery, Clay Center, Kan.

PAWN AND WHITE INDIAN RUNNER ducklings and baby chicks, pure bred. Priced right. Delivery guaranteed. Catalog free. Windsor Hatchery, Box BM, Windsor, Mo.

YOUNKINS CHICKS—9c UP. BARRED Rocks, White Rocks, S. C. Anconas and S. C. White Leghorns. Catalog. Postpaid, 100% live delivery. Younkins Hatchery, Wakefield, Kan.

RUSSELL'S STRAIN PURE SINGLE COMB Brown Leghorn baby chicks 12 cents; eggs \$5.00-100. Heavy laying strain. Delivery guaranteed. Mrs. V. Young, Melvern, Kan.

BABY CHICKS: S. C. WHITE LEGHORN Barron 250 egg strain 12c, Wyandottes 15c, Orpingtons 16c, Reds 14c. Live delivery and postage paid. Queen Hatchery, Clay Center, Kan.

CHICKS FROM BIG BONED ROSE COMB Reds, Hogan tested, heavy winter layers, mated to males from Pierce's 300 egg strain, 15c postpaid. Mrs. Alex Leitch, Parkerville, Kan.

NOW HATCHING ROCKS, REDS, WYAN- dottes and S. C. W. Leghorns in Buckeye Mammoth, 13 cents to 20 cents each. Prepaid parcel post. Hill Crest Hatchery, Wellington, Kan.

CHICKS. PURE BRED-TO-LAY. LEAD- ing varieties. Low prices. Our instructive catalog free. We hatch our own chicks. Huber's Reliable Hatchery, Dept. A, Hiawatha, Kan.

ENGLISH STRAIN SINGLE COMB WHITE Leghorns from trapnested stock that laid 287-306 eggs. Chicks \$15.00, eggs \$7.00 per hundred, postpaid. L. M. Lingo, Route 5, Garnett, Kan.

BABY CHICKS: ROCKS, REDS, ORPING- tons, Wyandottes, Leghorns. Orders filled year round. Large breeds 12c, small 11c. Ivy Vine Hatchery, Floyd Bozarth, Manager, Maple Hill, Kan.

BABY CHICKS FROM KANSAS GREAT- est hatchery. Strong, lively kind; electric hatched; 13th season. Lowest prices, guaranteed alive. Young's Hatchery, Box 1013, Wakefield, Kan.

BABY CHICKS—STRONG, VIGOROUS, healthy. Better chicks cannot be purchased. Many varieties. 100 per cent delivery guaranteed. Low prices. Star Chick Hatchery, Westphalia, Mo.

MONEY MAKERS FOR YOU, 50,000 CHICKS to ship everywhere. The McKee Hatchery, Harlan, Kansas, ships fine chicks guaranteed alive. Buy them quick. Good mortgage lifters for your back yard.

BABY CHICKS. 15 LEADING VARIE- ties. 2 1/2 million for 1923. The kind that lay early. Large, vigorous, fluffy kind. Lowest prices. Send for large catalog. D. T. Farrow Chickeries, Peoria, Ill.

BABY CHICKS, POPULAR VARIETIES. Pure bred pens and small flocks. Scientifically mated. All chicks acclimated before shipped. 100% delivery guaranteed. H. R. Hatchery, Box B. M., Windsor, Mo.

STERLING QUALITY CHICKS. 14 VA- rieties pure bred, inspected flocks. Inspectors who know a chicken. Satisfaction positively guaranteed. Attractive prices. Catalog free. F. F. Clardy, Ethel, Mo.

IOWA POULTRY FARM CHICKS. 12 LEAD- ing varieties, some of Iowa's highest egg producing flocks. We hatch our own chicks, and guarantee them in every way, I. B. C. A. member. Catalog free. Iowa Poultry Farm, Muscatine, Iowa, Dept. 8.

BABY CHICKS FROM PURE BRED, HIGH producing stock. S. C. White Leghorns 15 cents; R. I. Reds 17 cents, postpaid. Safe delivery guaranteed. C. G. Cook, Lyons, Kan.

IN EVERY WAY, BETTER THAN EVER. Leading varieties, guaranteed from our own high producing standard flocks. 15c to 20c. Quality Poultry Farm, Leavenworth, Kan.

EGGS THAT HATCH, CHICKS THAT LIVE. Prices low. Won over 5,000 prizes. Furnished Government and schools. Catalog free. Sterling Poultry Farms, Box 400, Sterling, Ill.

BABY CHICKS FROM HIGH GRADE farm range flocks. White and Brown Leghorns 12c; Barred Rocks, Single and Rose Comb Reds, Silver Laced Wyandottes 14c. McMasters Hatchery, Osage City, Kan.

HARDY CHICKS. WE HATCH THEM from our farm range, Hoganized, Egg Basket strain of English Barron White Leghorns, \$12.50 per 100. Cheney's White Leghorn Farm, Route 5, Topeka, Kan.

CHICKS—FROM BEST STOCK. NONE better; Hogan tested for years. Live delivery guaranteed. Prices large breeds, 12 and 14 cents; light breeds 10 cents. Try us and you will come again. Kensington Poultry Yards, Kensington, Kan.

FISHER'S QUALITY BABY CHICKS. Leading varieties. Hatched in new Mammoth Wishbone. Large breeds 16 to 20 cents. Mediterranean 15 cents. Delivered. Fisher-Dale White Leghorn Farms, Wilson, Kan.

ROSE COMB BROWN AND WHITE LEG- horn chicks \$12.00-100; eggs \$6.00-100. Single Comb Buff Orpingtons \$15.00-100; eggs \$7.00. Hoganized. Live delivery, satisfaction guaranteed. Belleville Center Poultry Farm, Belleville, Kan.

EGGS AND CHICKS FROM OUR LARGE big combed, Hoganized S. C. White Leghorns. Young-Ferris-Yesterland winter layers. Free range, \$6.50 and \$12.50 per 100. Postpaid. Safe delivery guaranteed. L. O. Wiemeyer, Route 3, Halstead, Kan.

PEERLESS QUALITY BABY CHICKS: Pure bred Barron strain English White Leghorns, from extra selected, heavy producing, farm range flocks. Excellent winter layers, the kind that lay and pay. \$13.00 and \$15.00 per hundred. Also Barred Rocks, Reds and White Wyandottes. Catalogue. Johnson's Hatchery, 109 Buchanan St., Topeka, Kan., Department A.

BABY CHICKS

DAY OLD CHIX—WHITE WYANDOTTES, Buff Orpingtons, Buff Rocks, Rose and Single Comb Reds, Buff, White and Barred Rocks, Black Langshans, Anconas, Buff, White and Brown Leghorns, 11c to 17c. E. & Z. Steinhoff & Son, Osage City, Kan.

BABY CHICKS, 20 VARIETIES, 50,000 weekly. From Hogan tested flocks. Miller Baby chicks are shipped via prepaid parcel post. Safe delivery guaranteed. Over 10,000 pleased customers. 20th season. Big catalog free. Miller Poultry Farms, Box 611, Lancaster, Mo.

BABY CHICKS: PURE BRED BARRON strain White Leghorns from prize winning, Hogan tested, farm flock. Great winter layers. \$12.50 per 100. We also hatch Rocks, Reds, Orpingtons and Wyandottes. White's Hatchery, Route 4, North Topeka, Kan.

BABY CHICKS—300 EGG STRAIN WHITE Leghorns, 100-\$12.50; Brown Leghorns, 100-\$12.00. Quality Bred Barred Rocks, Reds, White Wyandottes, Buff Orpingtons, Anconas, 100-\$13.50. Postpaid. 100% safe delivery guaranteed. Catalog free. Calhoun's Poultry Farms, Montrose, Mo.

BABY CHICKS: BARRED, BUFF AND White Rocks, Rhode Island Reds, Buff Orpingtons, White, Buff and Brown Leghorns, Black Langshans. Pure bred, heavy egg producers. Customers report having raised 95%. Postpaid. 100% delivery guaranteed. Circular free. The Porter Hatchery, Box B, Winfield, Kan.

BABY CHICKS, PURE BRED. ALL LEAD- ing varieties from heavy laying strains. Strong, healthy chicks. Shipped successfully to forty states. 100% live arrival. Prepaid, satisfaction guaranteed. Order early and don't be disappointed. Member International Baby Chick Association. Catalog free. Loup Valley Hatchery, Box 98, St. Paul, Neb.

ROSS BABY CHICKS—THREE HUNDRED and Fifty Thousand strong, vigorous chicks. All flocks Hogan tested. Anconas, Leghorns, White, Brown and Buff; Rocks, White and Barred; Reds, S. C. and R. C. White Wyandottes; Buff Orpingtons. Hatched the electric way, the greatest incubator system in the world. A cooling system as well as a heating system which makes it impossible to overheat eggs, forced draft circulation. Prepaid live delivery. Write for prices. Ross Hatchery, Junction City, Kan.

DUCKS AND GESE

MAMMOTH TOULOUSE GESE HENS, \$3.00 each. Chas. Standley, Lucas, Kan.

FOR SALE—EGGS FROM BUFF DUCKS, The egg layers. \$2.00 per 12. Mrs. Mattie Grover, Lebo, Kan.

GREY TOULOUSE GOOSE EGGS, GUAR- anteed safe hatch, 20c each here. Julius Grasty, Centerville, Kan.

GESE: TOULOUSE, AFRICAN, EMBDEN. Ducks: Pekin, Rouen, Runner, Muscovy. Price reasonable. John Hass, Bettendorf, Ia.

DOMESTICATED MALLARD, WHITE MUS- covy drakes, \$3.00. Embden geese, White Muscovy duck eggs \$3.50 per 7 or 11, prepaid. Earl Scott, Wilmore, Kan.

Duck and Geese—Eggs

EGGS FOR SETTING FROM MAMMOTH Toulouse geese, 25c each. Geo. Bennett, Argentine, Kan.

BUFF DUCK EGGS, \$2.00 twelve, \$6.00 fif- ty, \$11.00 hundred. Prompt delivery, prepaid. Earl Hoover, Matthews, Ind.

GAMES

PIT GAME EGGS, 15-\$2.50. L. B. RYAN, Detroit, Kan.

GUINEAS

WHITE AFRICAN GUINEAS, \$1.00 EACH, trio \$2.50. Bourbon Red Tom \$8.00. Eva Jones, Alma, Kan.

LEGHORNS

PURE BRED ROSE COMB WHITE LEG- horn chicks 14c; eggs \$4.75, postpaid. P. F. Hendricks, Glen Elder, Kan.

SINGLE COMB WHITE LEGHORN COCK- erels, Frantz strain direct, \$2.00 each, three for \$5.00. Lynn Adams, Haswell, Colo.

BARRON STRAIN WHITE LEGHORNS. Ancestry to 317. Cockerels \$1.50 up. Eggs \$6.00 prepaid. Bernice Brown, Gaylord, Kan.

SINGLE COMB WHITE LEGHORNS. Certi- fied. Eggs \$7.00 hundred. Prepaid. Guaranteed. Booklet free. Otis Gibson, Americus, Kan.

SINGLE COMB BUFF LEGHORN EGGS from Hoganized hens, \$5.00 per 100. Baby chicks at \$15.00 per 100. Clyde Craney, Peabody, Kan.

PURE FRANTZ, HEAVY LAYING, SINGLE Comb White Leghorns. Chicks 14c, live arrival. Eggs 110-\$5.00 postpaid. P. B. Way, Canton, Kan.

IMPORTED ENGLISH BARRON S. C. White Leghorns. Trapnested, bred to record 303 eggs. Eggs, chix, guaranteed. Geo. Patterson, Richland, Kan.

BARRON'S ENGLISH STRAIN SINGLE Comb White Leghorn cockerels, \$2.00; baby chicks \$15.00; eggs \$5.00. Elizabeth Green, Rt. 1, Concordia, Kan.

SINGLE COMB DARK BROWN LEGHORN eggs; baby chicks, Russell's Rustlers direct. Hoganized, heavy layers, prize winners. Mrs. W. B. Knowles, Mayfield, Kan.

WHITE LEGHORNS. FERRIS 300 EGG strain. Hoganized. Eggs 100-\$6.00. Chicks 100-\$12.00. Postpaid. Satisfaction guaranteed. Rohrer Leghorn Farm, Osawatimie, Kan.

287-314 PURE BARRON LEGHORNS EX- clusively. From pedigreed, Hoganized, large, vigorous stock. Cockerels, chicks. Eggs \$6.50-100. Circulars. Joseph Creitz, Beloit, Kan.

PURE BRED SINGLE COMB WHITE LEG- horn hatching eggs or baby chicks from hens as high as 265 egg type, priced right and six months time for payment. Stants Bros., Hope, Kan.

HAINES BUFF LEGHORNS, SPECIAL close out quick. Cockerels \$2.50 each, 10 for \$5.00. Good ones. Range eggs \$8-120; \$15-240; \$22-360; \$35-600, prepaid. Pearl Haines, Rosalia, Kan.

BARRON'S PEDIGREED IMPORTED English Single Comb White Leghorns, 250-324 egg records. Hatching eggs, guaranteed. Circular free. Mrs. Henry Wegman, Jr., Route 4, Sabetha, Kan.

LEGHORNS

LEGHORNS. BARRON STRAIN. CHICKS \$10-100; Eggs \$5.00. Florence Bumphrey, Corning, Kan.

WORLD'S BEST WHITE LEGHORN Chicks, 10 to 20 cents. Clara Colwell, Smith Center, Kan.

CERTIFIED, AMERICAN SINGLE COMB White Leghorn eggs; chicks. All male birds used from 284 to 326 egg trapnested hens, pedigreed mating. Mating list. A. P. Loomis, Diamond Springs, Kan.

Leghorn—Eggs

WHITE ENGLISH LEGHORN EGGS, \$5.00- 100. Harry Silcott, Crisfield, Kan.

BUFF LEGHORN EGGS, FOUR DOLLARS 100. Frank Wempe, Frankfort, Kan.

TOM BARRON LEGHORN EGGS, \$4.00 hundred. Ernest Simmons, Dwight, Kan.

SINGLE COMB BUFF LEGHORN EGGS, \$5.00-100. Elmer Brubaker, Holton, Kan.

PURE TANCRED WHITE LEGHORN EGGS for hatching. H. Zahnley, Alta Vista, Kan.

S. C. BUFF LEGHORNS, HOGAN TESTED hens. 100 eggs \$5.00. J. A. Reed, Lyons, Kan.

SINGLE COMB BUFF LEGHORN EGGS \$5.00 hundred. Frank Gardner, Hartford, Kan.

SINGLE COMB GOLDEN BUFF LEGHORN eggs, \$5.00-100. Cora Smith, Cherryvale, Kansas.

STATE CERTIFIED S. C. BROWN LEG- horn eggs and chicks. John Riggs, Ottawa, Kan.

EGGS \$4 HUNDRED, \$17.50-500. CULLED White Barron Leghorns. Della Goheen, Oakhill, Kan.

SINGLE COMB WHITE LEGHORN EGGS \$4.00 hundred. Mrs. John Lindgren, Dwight, Kan.

S. C. GOLDEN BUFF LEGHORNS. EGGS 108-\$4.50. Chicks 13c. Herbert Rhodes, Clifton, Kan.

BARRON-BARLOW WHITE LEGHORN eggs. Hundred \$6.00 postpaid. Carl Potts, Dodge City, Kan.

BARRON STRAIN S. C. WHITE LEGHORN eggs, \$6.00 per hundred. A. Peterson, Mound City, Kan.

ROSE COMB WHITE ELEPHANT LEG- horn eggs, \$5.00-100. Mrs. Phillip Gfeller, Chapman, Kan.

WHITE LEGHORN EGGS, LARGE ENG- lish Barron strain, \$5.00 per 100. Fred Tobler, Lyndon, Kan.

STATE CERTIFIED SINGLE COMB BUFF Leghorn eggs, \$5.50-108, prepaid. Mary Moyer, Oakhill, Kan.

FARRIS WHITE LEGHORN EGGS, \$3.50 per hundred. Fine range flock. Ray Heel, Medicine Lodge, Kan.

ROSE COMB BROWN LEGHORNS, KULP strain, eggs \$5.00 per 100. Marcella Cronin, Burlington, Kan.

CERTIFIED ROSE COMB BROWN LEG- horn eggs, \$6.00 hundred. Ernest Twining, Route 2, Ottawa, Kan.

PURE S. C. DARK BROWN LEGHORN eggs, Russell strain, 100-\$5.00. Mrs. E. Trussell, Ellsworth, Kan.

ROSE COMB BROWN LEGHORN EGGS, 5 cents each, prepaid. Mrs. Loy Mellenbruch, Powhattan, Kan.

ENGLISH SINGLE COMB WHITE LEG- horn eggs. Prize winners. \$4.00 hundred, Lester Burr, Colony, Kan.

S. C. WHITE LEGHORN EGGS, \$5.00-100. Satisfaction guaranteed. Mrs. Sherman Robinson, Simpson, Kan.

CERTIFIED SINGLE COMB DARK BROWN Leghorns. Russell strain; eggs \$5.00-100. Frank Lyon, Clifton, Kan.

TANCRED WHITE LEGHORNS. EXCEL- lent layers. Eggs 6 cents. Carl F. Pfuetze, Route 4, Manhattan, Kan.

S. C. WHITE LEGHORN EGGS, BRED from leading flocks, 100-\$5.00, postpaid. Joe Hunk, Belleville, Kan.

SINGLE COMB WHITE LEGHORNS, Frantz strain. Eggs \$4.00 per hundred. H. A. Starr, Raymond, Kan.

STATE CERTIFIED SINGLE COMB BUFF Leghorn eggs, 108-\$5.50, chicks 13c, prepaid. Mrs. Warren Todd, Oak Hill, Kan.

SINGLE COMB WHITE LEGHORN EGGS, Barron strain, \$4.75-100, prepaid. Mrs. Mabel Marshall, Clifton, Kan.

SINGLE COMB WHITE LEGHORN EGGS. High record pens. 15-\$1.50; 30-\$2.50; 50-\$3.50. Bachus, Abbeville, Kan.

PURE BRED ROSE COMB WHITE LEG- horn eggs, \$5.00 per hundred. Mrs. Sadie Supple, Michigan Valley, Kan.

SINGLE COMB BUFF LEGHORN EXHI- bition. Trapnested eggs \$6.00-100. Mating list. Fred Ohlsen, Whiting, Kan.

PURE LARGE TYPE EVERLAY S. C. Dark Brown Leghorn eggs, \$4.50-100. Martha Greenwood, Clifton, Kan.

S. C. W. LEGHORNS, PURE BRED BAR- ron strain. Eggs \$4.00 hundred. Joseph Krasny, Route 28, Topeka, Kan.

PURE ROSE COMB DARK BROWN LEG- horn eggs \$5.00 per 100. Good winter layers. M. F. Bert, Abilene, Kan.

BUFF LEGHORNS. HIGH SCORING stock. Fashionable hens, enviable cock. \$5.00-100. L. B. Ryan, Detroit, Kan.

WHITE LEGHORN EGGS, WYCKOFF strain, heavy winter layers, \$5.00 per hundred. C. B. Myers, Mayfield, Kan.

F. L. DAVIN S. C. BUFF LEGHORN EGGS for hatching. Culled by experts. 'Nuff said. Eggs \$5.00 per 100. Alma, Kan.

BARRON WHITE LEGHORN EGGS, culled flock, heavy layers, \$5.00 hundred postpaid. H. C. Flory, Lone Star, Kan.

SINGLE COMB DARK BROWN LEGHORN eggs, 5 dollars per hundred, prepaid. Cornelius Phillips, Route 9, Emporia, Kan.

YOUNG STRAIN LEGHORN EGGS, \$5.00 hundred. Winners Topeka and Hutchinson. Jay Crumpacker, McPherson, Kan.

CERTIFIED AMERICAN STRAIN S. C. White Leghorns, extra heavy layers. Eggs \$6.00 per 100. Leo Ruff, Princeton, Kan.

TANCRED STRAIN WHITE LEGHORN eggs. Pedigreed ancestors, five dollars per hundred. Chas. Combs, Burlington, Kan.

S. C. B. LEGHORN HATCHING EGGS, \$5.00 hundred. Choice pen light browns. \$1.50-15. Mrs. Cyrus Hughes, Peck, Kan.

BARRON S. C. W. LEGHORN HENS, mated to cockerels from imported stock. Vigorous, healthy, farm flock. Eggs \$5.00 hundred, postpaid. Mrs. W. C. Wincoven, Ford, Kan.

Leghorn—Eggs

SINGLE COMB BUFF LEGHORN EGGS, \$4.50-100. From prize winning stock. Victoria Woolpert, Route 3, Topeka, Kan.

SINGLE COMB BUFF LEGHORNS, HEAVY winter layers, pure buffa. \$5.00-100 eggs. Mrs. S. C. Whitcraft, Route 3, Holton, Kan.

PURE SINGLE COMB DARK BROWN Leghorn eggs, 100-\$5.00, prepaid. Mrs. Walter Peterson, Route 1, Osage City, Kan.

SINGLE COMB BROWN LEGHORN EGGS, pure bred, \$5.00-100, prepaid. Delivery guaranteed. Mrs. Guy Smith, Everest, Kan.

DIGNANS PURE STRAIN S. C. BUFF LEGHORNS, winners, layers. Eggs postpaid, 100-\$5.00, 10 extra. Mrs. J. Dignan, Kelly, Kan.

SINGLE COMB WHITE LEGHORN EGGS, large English Barron strain, real layers, \$4.50 per hundred. Mrs. Frank Uber, Lyndon, Kan.

SINGLE COMB DARK BROWN LEGHORN eggs \$5.00-100. Good laying strain, free range. Nels Hammariund, Route 2, St. Marys, Kan.

SINGLE COMB WHITE LEGHORN EGGS for hatching, Tom Barron strain, \$5.00 per 100, postpaid. Mrs. Harry Benner, Sabetha, Kan.

ENGLISH BARRON STRAIN WHITE LEGHORN eggs, first prize winners, \$4.00-100. Satisfaction guaranteed. Bert White, Clay Center, Kan.

SINGLE COMB BUFF LEGHORN EGGS, 100-\$5.50, postpaid. Busch Famous egg strain, heavy layers. W. M. Busch & Son, Mayfield, Kan.

TANCRED SINGLE COMB WHITE LEGHORNS, flock from pedigree trapnested stock. Eggs \$6.00 hundred, prepaid. Frank Kirgis, Beloit, Kan.

SINGLE COMB GOLDEN BUFF LEGHORN eggs. Heavy winter layers, honest colors, exhibition type, the kind that pay. Percy Weese, Osborne, Kan.

SINGLE COMB DARK BROWN LEGHORN eggs, \$4.00 per 100, \$1.25 for 15, postpaid. Healthy, vigorous range flock. Mrs. John S. Perry, Benedict, Kan.

S. C. W. LEGHORNS, CERTIFIED, 200 egg males. Eggs \$4.50 per hundred. Chicks. Discount on quantities. Mrs. Frank Jennings, Lebo, Kan.

FRANTZ'S HEAVY LAYING STRAIN single Comb. White Leghorn hatching eggs, \$4.50 per 100, prepaid. Sam Christensen, Canton, Kan.

CERTIFIED SINGLE COMB WHITE LEGHORNS, have 500 hens of quality and good capacity. Eggs \$5.00 per 100 postpaid. Herman Haber, Olpe, Kan.

SINGLE COMB BROWN LEGHORN EGGS, Russell strain females, Everlay sires, free range, \$5.00-100 postpaid. Mrs. Nell Wilcox, Rt. 1, Ford, Kan.

YOUNG STRAIN SINGLE COMB WHITE Leghorns. Heavy layers, extra large, snow white; eggs 15-\$1.50, 100-\$6.00. F. C. Allee, Route 2, Topeka, Kan.

BARRON'S FAMOUS WHITE LEGHORNS, Hoganized hens, pedigree cockerels. Free copy trapnested pedigree. Eggs \$7.00 per 110. O. A. Zickfoose, Rossville, Kan.

BARRON STRAIN S. C. W. LEGHORNS, big layers. Eggs \$5.00-100 prepaid. Fifteen years breeding for eggs, size, beauty. Peter J. Palen, Glen Elder, Kan.

SINGLE COMB BUFF LEGHORN EGGS, culled by expert; prize winners; pen \$2.00 setting, range \$4.50-100. Satisfaction guaranteed. S. E. Corman, Culver, Kan.

R. F. JOHNSON, THE MAN THAT GETS the winter eggs, sells pure bred Rose Comb Buff Leghorn eggs at \$3.00 per 110 eggs from pen, prepaid. Dunlap, Kan.

SINGLE COMB DARK BROWN LEGHORNS, Everlay blood predominating, sires direct. Winners. Eggs \$5.50-100 postpaid. Mrs. Harvey Crabb, Bucklin, Kan.

BARRON SINGLE COMB WHITE LEGHORNS, from J. R. Mooney's imported pedigree trapnested, 288 egg strain. Eggs \$6 per 100. Baby chicks. James Ross, Bellevue, Kan.

EGGS, BARRON'S STRAIN SINGLE COMB White Leghorns, 272-314 egg line. Attractive prices, fertility guaranteed. Prepaid. Circular free. W. E. Phillippi, Sabetha, Kan., Route 2.

BARRON SINGLE COMB WHITE LEGHORN eggs, \$4 hundred, prepaid. Flock headed by cockerels from Government flock at Fort Leavenworth. Claude Hallenbeck, Linwood, Kan.

SINGLE COMB WHITE LEGHORN hatching eggs, hens and cockerels, tested by Judge Scott. Hens 200 to 250 egg capacity, \$4.50 per hundred. Mrs. Will Wedd, Oak Hill, Kan.

SINGLE COMB DARK BROWN LEGHORN eggs from winners and layers. First pen at Hutchinson show. Fertility guaranteed. \$5.50-100, postpaid. Chicks. Mrs. E. C. Grizzell, Clifton, Kan.

LARGE TOM BARRON ENGLISH SINGLE Comb White Leghorn 287-320 females headed by cockerels from imported prize winning sires, culled for eggs, \$6.00-100. Ray Fulmer, Wamego, Kan.

PURE ENGLISH WHITE LEGHORNS, closely culled by Scott. Extra winter layers. 250 hens averaged 152 eggs 1922. Eggs \$5.00; chicks \$15.00 per 110, prepaid. Satisfaction guaranteed. Wm. Kaiser, Miltonvale, Kan.

SINGLE COMB DARK BROWN EGGS and chicks from heavy laying stock. Bred by us for 18 years. Eggs from mated pens \$3.00-15; from free range flock \$6.00-100; baby chicks \$12.00 per 100. G. F. Koch, Jr., Ellinwood, Kan.

SINGLE COMB WHITE LEGHORN, BARRON 317 egg strain. Prize winners, winter layers. Certified range flock, Grade B, highest certified class Leghorns in Coffey county. Eggs \$6.00 hundred. Stella Menard, Burlington, Kan.

PURE TOM BARRON WHITE LEGHORNS, selected; large vigorous hens mated with pedigree cockerels. 280-314 egg record. Choice white eggs \$6.00 per 100, prepaid. Fertility guaranteed. J. T. Bates & Son, Spring Hill, Kan.

S. C. WHITE LEGHORNS, FIRST PRIZE cockerel Kansas State Poultry Show 1920. Is only one of the excellent males heading my range flock. Trapnested records of 222 to 284 eggs. Eggs \$7.00 per 100. Ray Porter, Winfield, Kan.

SINGLE COMB DARK BROWN LEGHORN eggs, Tormohlen strain, farm range, \$6.00-110 select eggs, postpaid. Many prize winners in flock of first, second, third, fourth prizes of heads, pullets, cockerels. Virgil Cooper, Jamestown, Kan.

Leghorn—Eggs

PURE BRED SINGLE COMB BUFF LEGHORN eggs \$5.00 per 100. Hoganized, mated, real layers. W. R. Nelson, Ellsworth, Kan.

SINGLE COMB BUFF LEGHORNS, HEAVY winter layers, pure buffa. \$5.00-100 eggs. Mrs. Ernest A. Reed, Lyons, Kan.

PURE TANCRED S. C. WHITE LEGHORN hatching eggs, \$5.00 hundred. All cockerels used sired by pedigree males shipped direct from Tancred farm. Trapnested record 246 to 299 for four generations. Harry Lee, Route 5, Fort Scott, Kan.

SINGLE COMB WHITE LEGHORNS, FER- ris Yesterlaid strain direct, bred for size, winter eggs. Mated to males from trapnested, pedigree stock, fertility guaranteed. \$5.50-100, 10 extra, postpaid. Mrs. Myrtle Takemire, 2517 Lincoln Street, Topeka, Kan.

MARTIN'S TRAPNESTED PEDIGREED "Single Comb White Leghorn hatching eggs from our best producing hens. Records from 220 to 303 eggs on both sides. Producers of the first Kansas hen to lay 303 eggs. Write for free mating list and guarantee. Martin Egg Farm, Box 243, Hiawatha, Kan.

BEATS FARMING, 250 HENS MADE \$1000 above expenses in 8 months. Pure Barron English White Leghorns from official champion trapnested stock of 288-316 eggs. Large breed. Pedigreed and extra high egg capacity rated cockerels head flock this year. 100 eggs \$7.00. Write for mating list. Perry Dietrich, Miltonvale, Kan.

200 HENS AVERAGED 170 EGGS DAILY through February. Pure Young strain. These hens are large, pure white, have trap nested records 280-310 eggs. Pedigreed cockerels from hens with trap nested records 290-320 eggs head flock this year. Eggs \$5.00 hundred prepaid. Fertility guaranteed. John Little, Concordia, Kan.

EGGS—PURE TOM BARRON STRAIN English, Single Comb White Leghorns, descendants of 304-314 egg hens. This strain produces the highest flock average egg birds in the world, which are unsurpassed winter layers. Flock No. 1, colony housed, range run, consists of 120 hens, specially selected for size, type, winter laying quality, and high egg capacity, mated with 10 heavy weight, extra large egg type cockerels. Eggs 100-\$10.00, 50-\$6.00, 15-\$2.50. Flock No. 2, range run, colony housed in four large colony houses, consists of 480 good hens, Hogan tested, and closely culled, mated with 40 good cockerels. Eggs 100-\$8.50, 50-\$4.00, 15-\$2.00. 100 good cockerels \$3.00 and \$5.00 each. Dr. J. Martin Haynes, Macksaville, Kan.

LANGSHANS

EIGHT BLACK LANGSHAN COCKERELS, winners at winter show. Write C. H. Bailey, Hutchinson, Kan.

PURE BRED WHITE LANGSHANS, EGGS, chicks; guaranteed. Reasonable. Pens. Sarah Greisel, Altoona, Kan.

PURE BRED WHITE LANGSHAN EGGS and chicks. Shipping point Garden City. Jas. Dimmitt, Plymouth, Kan.

WHITE LANGSHAN, SCORED AND TESTED stock eggs \$1.75-15; \$7.50-100. Chicks 20 cents. Mrs. Edgar Lewis, Mullinville, Kan.

BIG BLACK LANGSHANS, APRIL hatched. Cockerels, pullets, eggs. Laying strain. Stock show. Guaranteed. Osterfoss, Hedrick, Iowa.

Langshan—Eggs

WHITE LANGSHAN EGGS, \$7.00 PER 100. Alta White, Lewis, Kan.

PURE WHITE LANGSHAN EGGS, \$5.00 per hundred. Tell Corke, Quinter, Kan.

PURE BRED WHITE LANGSHAN EGGS, \$1.00-15; \$6.00-100. C. C. Koehn, Halstead, Kan.

QUALITY WHITE LANGSHANS, 15 EGGS \$1.50; 100-\$6.00. Mrs. Harve Ponsler, Moran, Kan.

PURE BRED WHITE LANGSHANS, GOOD layers; eggs \$1.50 for 15; \$5.00 for 100. Hugo Fleischmann, Linwood, Kan.

LAYING STRAIN WHITE LANGSHAN eggs, certified flock 1923, \$1.50-15; \$7.00-100, prepaid. Mrs. Carl Nebelung, Waverly, Kan.

PURE BRED WHITE LANGSHAN EGGS, 75 per cent fertility guaranteed. Extra large prize winning strain, farm range. \$5.00 for 100 delivered. Lee Kepler, Altoona, Kan.

MINORCAS

BLACK MINORCA HENS, \$1.75. Baby chicks, 10 leading varieties. John Nead, Westphalia, Kan.

LARGE TYPE S. C. BLACK MINORCAS, Eggs 100-\$6.00; chicks \$15.00. Herbert Rhodes, Clifton, Kan.

Minorca—Eggs

PURE BLACK MINORCA EGGS, \$5.00 PER 100. John Carroll, Route 2, Lewis, Kan.

SINGLE COMB BLACK MINORCA EGGS, five dollars per hundred. H. H. Dunlap, Liberal, Kan.

SINGLE COMB WHITE MINORCA EGGS, \$8.00-100, \$2.00-15. Jonathan Schmidt, Halstead, Kan.

BOTH COMBS, WHITE MINORCAS, EGGS \$7.50-100. Susie Johnson, Route 1, Box 29, Isabella, Okla.

EGGS—PURE BRED SINGLE COMB Black Minorcas, eight cents each. Guy Axtell, Tecumseh, Kan.

PURE GIANT STRAIN SINGLE COMB Black Minorca eggs \$6.00-100. Martha Greenwood, Clifton, Kan.

ORPINGTONS

SINGLE COMB BUFF ORPINGTON PUL- lets, \$1.50, \$2.00, \$2.50 each. Champion strain. H. C. Davis, Denison, Kan.

ORPINGTON—Eggs

BUFF ORPINGTON EGGS, \$5.00 PER HUNDRED. Jim Batterton, Preston, Kan.

BUFF ORPINGTON EGGS, \$4.00 PER 100. Heavy layers. Joe Vogel, Route 2, Marion, Kan.

PURE BRED SINGLE COMB WHITE OR- pington eggs, Kellerstrass strain. Farm range, \$6.00-105. Louis Metzger, Haddam, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, \$5.00 per 100, \$2.50 for 50. The big kind, extra good layers. Russell Welter, Grantville, Kan.

Orpington—Eggs

EGGS—OWENS AND BYER STRAINS direct. Write J. W. Dickmann, Inman, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, \$5.50-100. Heavy layers. Mrs. Fred Hyde, Altoona, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, \$4.75-100, prepaid. Mrs. Mabel Marshall, Clifton, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, 100-\$5.50, postpaid. Mrs. O. H. Coberly, Garnett, Kan.

PURE BRED BUFF ORPINGTON EGGS \$1.25 setting, \$5.00 hundred. Mabel Harris, Bavaria, Kan.

CERTIFIED S. C. BUFF ORPINGTON eggs, \$1.50-15; \$6.00-100. Mrs. Orle Shaffer, Waverly, Kan.

BUFF ORPINGTON EGGS: FREE RANGE, winter layers, \$6.00 per 105. D. H. Wenger, Peabody, Kan.

CRYSTAL WHITE ORPINGTON EGGS, Kellerstrass, \$5.00 hundred. Gordon North, White City, Kan.

PURE S. C. BUFF ORPINGTONS, GOOD layers. \$4.75-100, \$1.00-15, prepaid. Elmer Graves, Clifton, Kan.

EGGS: GOOD QUALITY BUFF ORPINGTON, \$1.00-15, \$5.00-100. Postpaid. Anna Catherwood, Anthony, Kan.

STATE CERTIFIED 1923 BUFF ORPINGTONS, prizewinners; eggs \$2.00-15. Mrs. Frank Monroe, Waverly, Kan.

BUFF ORPINGTON EGGS, HEALTHY range flock, 15-\$1.25; 100-\$6.00, prepaid. Mrs. Joe Hawks, Hiawatha, Kan.

PURE BRED SINGLE COMB BUFF OR- pington Eggs, \$5.50 per hundred, prepaid. Mrs. George McAdam, Holton, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, from heavy winter layers, large birds, free range, \$6.00 per hundred prepaid. E. J. Stafford, Marion, Kan.

BUFF ORPINGTON EGGS, BEAUTIFUL flock, professionally culled, fine layers. 30-\$2.25, 100-\$5.50 prepaid. Mrs. Elsie Welter, Flush, Kan.

SINGLE COMB BUFF ORPINGTONS, carefully bred 13 years. Prize winners. Eggs, 100-\$8.00, 15-\$1.50, prepaid. Olive Carter, Mankato, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, Byer strain hens mated to Cook's prize winning cockerels. Hogan tested. \$5-\$1.25, 50-\$3.50, 100-\$6.00, prepaid. Will Suberly, Kanopolis, Kan.

S. C. BUFF ORPINGTON EGGS, FROM large even buff stock. All cockerels used for mating are absolutely solid buff throughout. 15-\$3.00; 50-\$4.50; 100-\$8.00. Few good cockerels left. Mrs. Perry Higley, Cummings, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, Hens from Sunewick, Owens, Martz and Byerstrain direct; Hogan tested. Mammoth Cook sires from Pen No. 1 direct. All range flock. 100-\$8.00; 50-\$5.00; 15-\$2.25. Chicks 25c each. Mrs. Ida Sheridan, Canby, Kan.

PLYMOUTH ROCKS

BUFF ROCK COCKERELS AND HENS, Mrs. Lloyd Clark, Kiowa, Kan.

PURE BRED BUFF ROCK COCKERELS, D. H. Lehman, Halstead, Kan.

CHOICE WHITE ROCK COCKERELS, R. Pooler, 522 Wabash, Topeka, Kan.

BARRED ROCKS—RINGLETS; STOCK, eggs, pens, range, circular free. Dr. McCosh, Randolph, Kan.

BARRED PLYMOUTH ROCK COCKERELS, hatching eggs. Thompson strain. Mrs. Gus Brune, Lawrence, Kan.

PURE BRED WHITE ROCK COCKERELS \$3.00; eggs 100-\$5.00, 15-\$1.00. Mrs. Elwin Dales, Eureka, Kan.

PURE BRED BARRED ROCKS, PARKS 200 egg strain. Cockerels, Eggs. Catalogue. Gem Poultry Farm, Haven, Kan.

ELEVEN WHITE ROCK COCKERELS, pure bred, Fishel strain, \$2.50, highly recommended. C. E. Misner, Rock, Kan.

BARRED ROCK IMPERIAL RINGLET, Thompson strain eggs, \$6-100; chicks 18 cents each. L. J. Clavin, Jewell, Kan.

BARRED ROCK COCKERELS \$3.00, YEL- low legs. Vigorous hens, \$2.50, 15 eggs \$2.00, 100-\$6.00. Mrs. J. B. Jones, Abilene, Kan.

PURE BRED BUFF ROCKS, TWENTY-ONE years. Winter layers. Eggs \$6.00 per hundred; \$3.00 per 50. Mrs. Homer Davis, Walton, Kan.

RINGLET BARRED ROCK COCKERELS, eggs for hatching from choice selected range, winter layers, 100-\$8.00. Mrs. Kaesler, Junction City, Kan.

EXHIBITION E. B. THOMPSON STOCK direct; matings \$5.00, \$8.00; range \$2.00. Baby chicks 20 cents. Mrs. Vanderhoff, Motor Route A, Copeland, Kan.

EXTRA QUALITY EXHIBITION AND breeding Barred Rocks; 20 cock birds, 60 cockerels, \$4.00 to \$10.00. Eggs \$2.00-15; \$10.00-100. Mating list free. C. C. White, Box 461, Seneca, Kan.

EGGS AND CHICKS FROM THE LARG- est Imperial Ringlet Barred Plymouth Rocks in Kansas. Eggs 15-\$2.00, 50-\$6.00, 100-\$10.00. Chicks 25-\$7.00, 50-\$12.00, 100-\$20.00. A. L. Hook, North Willow Poultry Ranch, Coffeyville, Kan.

RINGLET BARRED ROCKS FROM pure E. B. Thompson males and high grade Thompson hens, healthy, excellent laying stock. 100-\$6.00, 50-\$3.50, 15-\$2.00. Baby chicks, 15 cents each. Emma Mueller, Route 2, Humboldt, Kan.

Plymouth Rock—Eggs

BUFF ROCK EGGS, 100-\$5.00. John Melenbruch, Morrill, Kan.

EGGS: ARISTOCRAT BARRED ROCKS, 15-\$1.75. M. Morris, Cheney, Kan.

PARK'S BARRED ROCKS, EGGS 100-\$5.00. Rena DeBusk, Macksaville, Kan.

BARRED ROCK EGGS, \$5.00 PER 100, MRS. Annie Galbraith, White City, Kan.

WHITE ROCK EGGS, \$5 HUNDRED, Frank Applebaugh, Cherryvale, Kan.

BUFF ROCKS: 15-\$1.50, 50-\$4.50, 100- \$7.00. Lydia McAnulty, Moline, Kan.

WHITE ROCK EGGS, \$1.00-15, \$5.00 hun- dred. Glen B. Young, McPherson, Kan.

WHITE ROCK EGGS, 50-\$3.50; 100-\$6.00, Mrs. Theodore Steffen, Broughton, Kan.

100 BUFF ROCK EGGS \$5.50; 50-\$3.00, Mrs. Maggie E. Stevens, Humboldt, Kan.

Plymouth Rock—Eggs

BUFF ROCK EGGS, GOLDEN RULE strain. William A. Hess, Humboldt, Kan.

BARRED ROCK EGGS, SELECTED, \$1.00- 15, \$4.50-100. Mrs. Clara Bailey, Bucklin, Kan.

BARRED ROCK EGGS, \$6.00 PER HUN- dred; setting \$1.25. Robert Martin, Madison, Kan.

RINGLET BARRED ROCK EGGS, 100- \$4.50; setting 75 cents. Geo. Rhorer, Lewis, Kansas.

BARRED ROCK EGGS, STATE—CERTI- fied, Class A. Mrs. Oscar Murray, Protection, Kan.

PURE BRED BUFF ROCK EGGS, RANGE flock, \$4.50-100. Sylvester Mayfield, Conway, Kan.

WHITE ROCK EGGS FROM EXTRA WIN- ter layers. Will Hayden, Route 6, Lawrence, Kan.

CHOICE WHITE ROCKS, SELECTED EGGS 100-\$6.00, prepaid. F. B. Dalrymple, Barnes, Kan.

THOMPSON'S IMPERIAL RINGLET Barred Rock eggs, \$6-100. Ed Edwards, Lyons, Kan.

BARRED AND WHITE ROCK, EGGS, Write for mating. Henry Hicks, Cambridge, Kan.

PURE BRED BUFF ROCK EGGS, RANGE flock, \$5.00-100, \$3.00-50. Peter Davies, Osage City, Kan.

BARRED ROCKS, 89 PREMIUMS, EGGS 15-\$3.00; 30-\$5.00. Mattie A. Gillespie, Clay Center, Kan.

PURE BRED BARRED ROCK EGGS, \$1.75 setting or \$8.00 hundred. Mrs. Henry Dellinger, Argonia, Kan.

WHITE ROCK EGGS; PEN 15-\$3.00; UTIL- ity 15-\$1.50; hundred \$7.50. Carl Keesling, Neodesha, Kan.

RINGLET BARRED ROCK EGGS, \$5.00- 100; chicks 15c each, prepaid. Mrs. Lynn Bailey, Lyndon, Kan.

WHITE ROCK EGGS, COCKERELS WITH 200 egg record and over. \$4.00-100. David Loewen, Hillsboro, Kan.

STATE CERTIFIED BUFF ROCKS; EGGS \$9.00-100, \$2.00-15. Mrs. P. McMullen, Route 1, Waverly, Kan.

PARTRIDGE ROCK EGGS, \$1.50-15; \$5.00- 50. From winter layers. Geo. L. Fink, 724 East 10th, Ottawa, Kan.

PROFITABLE LAYING STRAIN BARRED Rocks. Eggs 50-\$3.00, 100-\$5.00. Mrs. Leah Wray, Oskaloosa, Kan.

ARISTOCRAT BARRED ROCK EGGS, 15- \$1.00; 50-\$3.00. Chicks 15c prepaid. Mrs. T. E. Anderson, Kincaid, Kan.

BARRED ROCK, LARGE BONE, YELLOW legs, heavy laying; 100 eggs \$5.00. Mrs. Lewis G. Olson, Dwight, Kan.

PURE BRED BARRED ROCK EGGS, Prize winners. \$1.50-15, \$8.00-100, prepaid. Chas. Kolterman, Onaga, Kan.

PURE BRED BUFF ROCK EGGS, FARM raised, \$6.00 per hundred. Mrs. J. M. Hoover, Lyons, Kansas, Route 2.

EGGS \$4.00 PER HUNDRED, LARGE, Dark Single Comb Rhode Island Reds. Concordia, Kan., Bert Schwartz.

BARRED ROCK EGGS, HOGANIZED, heavy winter layers. 30-\$2.25, 100-\$6.00. Frank Armstrong, Columbus, Kan.

CERTIFIED CLASS B WHITE ROCK EGGS \$6.00-100. Write for prices on chix. Mrs. James McCreath, White City, Kan.

LARGE BONED PARK'S BARRED ROCKS; layers; \$1.25 per setting, \$5.00 per hundred. Mrs. Roy Pierce, Linwood, Kan.

WHITE ROCKS, PURE BRED, THOR- oughly culled. Eggs \$5.00 hundred, postpaid. Mrs. Dallas Roach, Kiowa, Kan.

FISHEL'S EGG A DAY STRAIN, WHITE Rock eggs, prepaid, \$1.25 per 15, \$5.00 per hundred. Vernon Engstrom, Vesper, Kan.

WHITE ROCK EGGS, FLOCK HEADED by cockerels with 200 egg record and over. \$5.00-100. C. L. Loewen, Hillsboro, Kan.

ARISTOCRAT BARRED ROCK EGGS, light; pen \$1.50-15, \$4.00-45. Utility \$5.00-100. Nealia Huckstadt, Garden City, Kan.

WHITE ROCKS EXCLUSIVELY, FARM range. Heavy laying strain. Eggs \$6.00 per hundred. Mrs. Sam Lash, Abilene, Kan.

CHOICE WHITE ROCKS, HOGAN TEST- ed, farm range. Eggs \$5-100. Chicks 15 cents. Carl Erhart, Independence, Kan.

WHITE ROCK EGGS FROM CERTIFIED flock, Grade A, 15-\$2.00, 50-\$4.00, 100-\$7.00. J. R. Applebaugh, Cherryvale, Kan.

PURE BARRED ROCK EGGS, SELECTED, heavy winter layers. Fifteen \$1.00. Hundred \$6.00, postpaid. G. C. Drescher, Canton, Kan.

BUFF ROCK EGGS FROM SELECTED stock with color and quality, free range; 15-\$1.50, 100-\$8.00. F. J. Landis, Abilene, Kan.

BUFF ROCKS, KANSAS CITY AND TO- peka winners. Eggs \$8.00-100. Mating list free. Elmer Bahamaier, Lecompton, Kan.

PURE BUFF ROCK EGGS, PRIZE WIN- ning stock, weight to 8 1/2 lb. \$6.00-100. Baby chicks 19c. Mrs. Hedgespeth, Wilsay, Kan.

IMPERIAL RINGLET BARRED ROCKS, Trapnested, dark line. 15-\$1.60, 50-\$3.50, 100-\$6.00. Postpaid. E. B. Dorman, Paola, Kan.

BARRED ROCKS—BRADLEY STRAIN. Large bone, yellow legs, layers. 100 eggs \$6.00, 15-\$1.25. Mrs. Ira Emig, Abilene, Kan.

RINGLET BARRED ROCKS, HEAVY LAY- ing strain. Eggs \$1.25 per setting of 15; \$6.00 per 100. Mrs. Helen Romary, Olivet, Kan.

BARRED ROCK EGGS, STOCK DIRECT from Parks. 200 and better strain. 32 years breeding for more eggs. R. B. Snell, Colby, Kan.

20 YEARS RAISING BARRED ROCKS. Layers. Hatching eggs 100-\$5.00, prepaid. Satisfaction guaranteed. Frank Hall, Toronto, Kan.

WHITE ROCK EGGS FROM HIGH-REC- ord trapnested stock, \$2.00 per 15, \$5.00-45, postpaid. Thomas Owen, Route 7, Topeka, Kansas.

GENUINE RINGLET BARRED PLYMOUTH Rock eggs, thirty \$3.30, sixty \$6.00, hundred \$9.00. Harper Lake Poultry Farm, Jamestown, Kan.

WHITE ROCKS, FARM RANGE, WON sweepstakes at Garnett show. Eggs \$6 per 100; pen \$5.00-15. E. A. Vanscoyoc, Mont Ida, Kan.

Plymouth Rock—Eggs

BARRED ROCK EGGS, 15-1.50; 50-3.50; 100-6.00. Sylvan Miller, Humboldt, Kan.

WHITE ROCK EGGS, \$5.50-100; 15-1.00, postpaid. Mrs. Ferdinand Wegner, Onaga, Kan.

BARRED PLYMOUTH ROCK EGGS FOR hatching. Broadby strain. Satisfaction guaranteed. \$6 per 100, \$3.50 for 50. R. D. Ames, Walton, Kan.

WHITE ROCKS TWENTY-TWO YEARS. Selective breeding, 100 eggs \$6.00; 50-3.50; 15-1.25, postpaid. Bracken Fogle, Williamsburg, Kan.

BARRED ROCK EGGS, WINTER LAYERS. Utility 15-1.00, 100-6.00. Matings 15-5.00. Baby chicks. Circular. C. C. Lindamood, Walton, Kan.

BARRED ROCK EGGS, BEST EXHIBITION heavy laying strains with record 290; 15-2.00; 50-4.00; 100-7.00. A. G. Hammond, Vinland, Kan.

BARRED ROCK EGGS FOR HATCHING. On receipt of \$1.35 we will mail one setting of eggs from our high grade flock. Ben B. Perry, Jarbalo, Kan.

PURE PLYMOUTH BARRED ROCKS, dark Thompson strain. Blue ribbon cock. Eggs \$3.00 per setting. Good hatch guaranteed. G. W. Rees, Abilene, Kan.

WHITE ROCK EGGS, 100-6.00, HEAVY laying flock headed by 10 and 12 pound males. Fishel direct. Satisfaction guaranteed. A. E. Basye, Coats, Kan.

BUFF ROCK EGGS FROM LAYING strain for sale. \$6.00-100, \$3.50 for 50. Headed by cockerels costing 25 cents an egg. Clarence Malen, Lewis, Kan.

PURE BUFF ROCKS, BRED FROM CHICAGO, Milwaukee and Topeka winners. Fine Buff eggs 15-1.75, 50-4.00, 100-7.00. Mrs. C. N. Mason, Uniontown, Kan.

WHITE ROCKS, STATE CERTIFIED Class A, 1922 and 1923 farm flock, \$1.50 per 15; \$8.00 per 100; pen \$7.00 per 15, George Hebrank, Council Grove, Kan.

RINGLET ROCKS, THOMPSON STRAIN. Eggs \$1.25 setting, 3 settings \$3.00, 100 for \$5.00. Large, narrow barred birds, good layers. Mrs. F. R. Wycoff, Wiley, Kan.

SELECTED WHITE ROCK HENS FROM 200 egg trapnested ancestors, again mated to males with records of over 200 eggs. \$5.00-100, \$1.50-15. H. C. Loewen, Peabody, Kan.

WHITE ROCKS, BRED TO LAY. Winners at Kansas State Show. Eggs \$2.50-15, \$10.00-100. Chicks \$20.00-100. Satisfaction guaranteed. Albert Heit, Parsons, Kan.

BUFF PLYMOUTH ROCK EGGS, STOCK bred from first prize winners Chicago, Kansas City, World's Fair. \$3 per fifteen, \$10 per hundred. Established twenty years. Catalog free. C. R. Baker, Abilene, Kan.

RHODE ISLANDS

ROSE COMB RHODE ISLAND EGGS, 100-5.00. W. L. Horton, Madison, Kan.

REDS, SINGLE COMB, TWO AND THREE dollars. W. E. Richardson, Barnard, Kan.

S. C. R. I. R. EGGS, BEST BREEDING, good layers. D. A. Ziegler, Burlington, Kan.

ROSE COMB REDS, 100 EGGS \$6.00, 50-3.50, postpaid, Clark Isenagie, Winfield, Kan.

SINGLE COMB RED EGGS, 100-5.00; 50-2.50, postpaid. Free range. Thomas Chipp, Richmond, Kan.

WHITE ROSE COMB RHODE ISLAND eggs. Good egg strain. \$5.00 per 100. G. Pickard, Clyde, Kan.

ROSE COMB RED EGGS, \$6.00 PER 100. Baby chicks 16c prepaid. Prize winners. Lula Day, Basil, Kan.

PURE BRED DARK ROSE COMB RED eggs, 30-2.50, 100-6.00. Chicks 15c. Lucy Ruppenthal, Lucas, Kan.

DARK ROSE COMB REDS, BEAN STRAIN. Eggs 100-7.00; 50-4.00. Mrs. D. W. Shipp, Belleville, Kan.

PURE DARK ROSE COMB RED EGGS, \$5.50 hundred, Carver strain, prepaid. I. Miller, Alexander, Kan.

ROSE COMB RED EGGS, GOOD LAYERS. \$1.00 setting; \$5.00 hundred, prepaid. Alfred Campbell, Wiley, Kan.

S. C. RHODE ISLAND WHITE EGGS, \$1.00 for fifteen, \$5.00 per hundred. Wayne Holcomb, Zenda, Kan.

PURE BRED ROSE COMB RED EGGS, from good layers, 100-6.00, 50-3.50. Mrs. E. A. Bryan, Emporia, Kan.

ROSE COMB RHODE ISLAND WHITE eggs, \$1.50 per 15; \$9.00 per 100. Clarence Hoffman, Preston, Kan.

DARK ROSE COMB REDS; CHICKS 14 cents, eggs 6 cents. Mrs. Chas. Hight, Route 2, Council Grove, Kan.

PURE BRED DARK ROSE COMB RED eggs, 100-6.00 postpaid. Free range. Mrs. Chas. Lewis, Wakefield, Kan.

ROSE COMB RHODE ISLAND WHITE eggs, \$6.50-100. Mrs. Susie Johnson, Route 1, Box 29, Isabella, Okla.

SINGLE COMB RED EGGS, BIG BONE, heavy laying strain, \$5.50-100, \$3.00-50, \$1.00-15. H. F. Enz, Fredonia, Kan.

ROSE COMB REDS, MATED TO \$5.00 TO \$15.00 birds. Eggs 30-3.50; 50-5.00; 100-9.00. W. R. Huston, Americus, Kan.

LARGE DARK, HIGH EGG TYPE, ROSE Comb Red cockerels, \$2, \$3 and \$5 each. Homer Ramsour, Junction City, Kan.

COCKERELS—SINGLE COMB REDS. A few choice breeders left, \$3.00 and up. Boyd & Graham, 1926 Bolles Avenue, Topeka, Kan.

\$2.50 SINGLE COMB RED COCKERELS, fine laying strain. Good shape and color. Eggs \$5.00-100. Harlow R. Shafer, Garden City, Kansas.

S. C. RED EGGS, BILLS P. RICKSECKER strain, Hoganized, \$5-100; \$3-50; \$1-15. Baby chicks 15 cents each. Mrs. Geo. Wharton, Agenda, Kan.

HARRISON'S IMPROVED STANDARD bred Reds. Either comb. Cockerels, eggs, and chicks. Get Red Breeders' Bulletin. Harrison Red Farms, College View, Neb.

ROSE COMB RHODE ISLAND WHITE cockerels \$2, 6-10. Eggs from Hoganized hens mated to cockerels from trapnested hens \$2.00-15; \$10-105. Minnie Fridley, Wamego, Kan.

HEAVY BONED DARK RED ROSE COMB Reds. Tested laying strain. Have bred them 20 years. Ready for service cockerels, utility, \$5.00 each. Guaranteed or your money back. Pullets, eggs. Highland Farm, Hedrick, Iowa.

Rhode Island—Eggs

SINGLE COMB REDS, 100 EGGS \$5.00. Gertrude Haynes, Grantville, Kan.

ROSE COMB RHODE ISLAND WHITES, Pioneer strain; eggs \$6.00-100, \$1.00 setting. Wilma E. Scheibe, Waterville, Kan.

ROSE COMB REDS, FREE RANGE, large, dark, heavy layers. Eggs 100-5.00. Pullets \$1.50. Hazel DeGeer, Deerhead, Kan.

PURE BRED DARK ROSE COMB RED eggs, 100-6.00; 50-3.25. Free range. postpaid. Mrs. Gerald Campbell, Broughton, Kan.

SINGLE COMB REDS, EXCELLENT SHOW and egg qualities. Eggs \$6.00-100. Mating list on request. J. A. Bockenstette, Sabetha, Kan.

ROSE COMB RHODE ISLAND WHITES, \$6 per hundred. Reds \$5 per hundred. Flocks Hoganized. Martha Hirschler, Halstead, Kan.

BIG, DARK RED ROSE COMB EGGS, \$6.00 per 100, prepaid. Heavy laying, closely culled flock. Mrs. Clyde Meyers, Fredonia, Kan.

PURE BRED ROSE COMB RED PEN eggs, from selected layers, \$1.00 setting; \$5.00-100, postpaid. Mrs. Sam Gibbs, Manchester, Kan.

EGGS SIX DOLLARS HUNDRED, LARGE dark red Rose Comb pure bred Rhode Island Reds. Prepaid, insured post. Mary Shields, Barnes, Kan.

PURE DARK RED ROSE COMB, LARGE boned, Rhode Island Red eggs for hatching, \$6.50 per 100, prepaid. Mrs. Henry Follett, Waterville, Kan.

LONG BROAD BACKS, DARK EVEN Red Rose Comb Rhode Islands. Eggs fifteen \$1.00, hundred \$5.00. Chicks 18c. Walter Baird, Deerhead, Kan.

SINGLE COMB RHODE ISLAND RED eggs. First pen 100-10.00; 2.00-15; second pen 100-5.00; 1.00-15. State certified. Pete Anderson, Burlington, Kan.

LARGE, DARK RED SINGLE COMB EGGS, 15-1.50; 100-7.00. From prize winning trapnested stock, records 237-264. Mrs. Frank Smith, R. 2, Lawrence, Kan.

HIGH PRODUCING SINGLE COMB RHODE Island Reds. Hatching eggs, six dollars hundred. Will replace eggs that do not hatch for half price. R. A. Ewing, Iola, Kan.

BRED TO LAY S. C. REDS, EGGS FROM the finest stock I ever raised, \$1.50 per setting; \$6.00 per hundred. Fertility guaranteed. Belmont Farm, Topeka, Kan.

DARK ROSE COMB RHODE ISLAND Reds, Imperial 250 egg strain, prize winners. \$6.00-100; \$3.25-50; \$1.25 setting. Prepaid. J. H. Carney, Peabody, Kan.

ROSE COMB REDS, EXHIBITION PENS; 15 eggs \$5.00, 50-10.00. Special color pens 15-2.00, 100-8.00. Range 100-48. Circular free. Alice Clinkenbeard, Wetmore, Kan.

FROM CERTIFIED CLASS A FLOCK. Brilliant Rose Comb Red cockerels. Large bone. From trapnested hens. Heavy egg strain. \$5.00. Mrs. James Gammell, Council Grove, Kan.

SINGLE COMB REDS, WON SWEEP stakes. Best shape, size, color. Tompkin and Summerwells strain. Eggs \$6.00-100, postpaid. Mrs. Dan Williams, (nee Trapp) Wetmore, Kan.

SINGLE COMB RED EGGS, STOCK BRED from first prize winners Chicago, Kansas City, World's Fair. \$3 per fifteen, \$10 per hundred. Established twenty years. Catalog free. C. R. Baker, Abilene, Kan.

EGGS: ROSE COMB RED HATCHING eggs. Pens \$4, \$5 and \$6. Two first prize cock birds state show heading pens. Selected range flock culled for color, type and egg production, \$1.25-15; \$5.50-100. Glen Priddy, Elmont, Kan.

SINGLE COMB REDS, QUALITY FLOCK of uniform, dark, state certified Reds, selected and bred for eggs. Splendid males of exhibition quality. Eggs 100-6.00, 15-1.50. Special matings 15-5.00. Mrs. Sophia Lindgren, Dwight, Kan.

ROSE COMB, RED TO SKIN KIND. Selected by poultry judge for egg type, size, color. Cocks weighing to 11 lbs. hens to 9½ lbs. Won first cock at Concordia, 15-1.50, 50-4.00, 100-7.00 prepaid. T. E. Brouillette, Miltonvale, Kan.

STANDARD ROSE COMB REDS, LARGE bone, deep even red. Selected by licensed judge for high egg type. Excellent layers. Young pen won first and first special at Concordia show 1923. Range eggs \$1.50-15; \$4.00-50; \$7.00-100. Prize pen \$5.00-15. Mrs. Arthur Woodruff, Miltonvale, Kan.

TURKEYS

MAMMOTH BRONZE TOMS, \$10.00. Fred Henn, Plainville, Kan.

PURE BRED BOURBON RED TOMS, \$5.50 Emma Lovgren, Winkler, Kan.

WHITE HOLLAND TOMS, 23 LBS., \$10 each. Mrs. Mike Wedman, Danville, Kan.

GOLDBANK MAMMOTH BRONZE TURKEYS, Toms \$12.00 each. Ora Yapp, Esbon, Kan.

A FEW FINE GOLDBANK BRONZE TOMS left; \$10 to \$20. Minnie Snider, Piedmont, Kan.

BOURBON TOMS, GOOD SIZE, COLOR, \$9 \$11; 2 year \$15. Mrs. Lester Benbow, La Crosse, Kan.

MAMMOTH BRONZE TOMS, GOLDBANK, large boned, 22-28 pounds, \$10. Roy Ellis, Coldwater, Kan.

MAMMOTH BRONZE TOMS, LARGE WELL marked, \$5.00 reduction. Fowler Bros., Route 3, Russell, Kan.

WHITE HOLLAND TOMS, YOUNG, 21 lbs., \$8.00 each; 2-year-old 32 lbs., \$10.00. Geo. Church, Stratton, Colo.

PURE BRED MAMMOTH BRONZE TOMS, 22-26 lbs., \$8.00. Prize winning Goldbank. Annie Hoffman, Ulysses, Kan.

PURE BRED GOLDEN BRONZE PRIZE winner toms; 32 lbs. \$15, 28 lbs. \$10. Mrs. Fred Walter, Wallace, Neb.

PURE BRED MAMMOTH BRONZE TURKEYS; toms \$10.00, \$12.00. Guaranteed breeders. Mrs. Geo. Wharton, Agenda, Kan.

Turkey—Eggs—

BRONZE EGGS, FROM BIRD BROS. TOM. Hens bred from 50 lb. Tom. \$1.00 each. B. Ely, Kinsley, Kan.

PURE BRED WHITE HOLLAND TURKEY eggs. Booking orders now, \$5.00 for 10. Beulah Morton, Green, Kan.

BOURBON RED TURKEYS, CHOICEST stock. Toms \$10 and \$12. Eggs \$5.00 per 10. Mrs. Clyde Meyers, Fredonia, Kan.

WYANDOTTES

BEAUTIFUL SILVER WYANDOTTE cockerels. Eggs. Mrs. Edwin Shuff, Plevna, Kan.

WHITE WYANDOTTE COCKERELS, Keeler's, now \$2.00 each. Henry Keller, Geneseo, Kan.

WHITE WYANDOTTE COCKERELS, \$2.00 each; eggs \$5.00-100. Mrs. Sherman Robinson, Simpson, Kan.

3 PURE BRED BUFF WYANDOTTE COCK erels \$2.00 each, 1 rooster \$1.75. Martha Adams, Langdon, Kan.

WHITE WYANDOTTES, EGGS AND chicks from Regal Dorcas strain. Chicks 25-7.00, 50-12.00, 100-20.00. Eggs 15-2.00, 50-6.00, 100-10.00. A. L. Hook, North Willow Poultry Ranch, Coffeyville, Kan.

Wyandotte—Eggs

SILVER WYANDOTTES, HATCHING eggs. A. Bretthauer, Bird City, Kan.

COLUMBIAN WYANDOTTE EGGS, 15-1.00, Harrison Schroeder, Hillsboro, Kan.

WHITE WYANDOTTE EGGS, \$3.50-100; pen \$1.00-15. M. M. Hayes, Fowler, Kan.

WHITE WYANDOTTE EGGS, \$4.00 PER 100. Mrs. Anna Larson, White City, Kan.

WHITE WYANDOTTE EGGS \$4.00 HUN dred. Sam Boyd, Route 2, Gardner, Kan.

PREMIER PARTRIDGE WYANDOTTES. Eggs 50-4.00. Rena DeBusk, Macksville, Kan.

WHITE WYANDOTTE EGGS, \$1.50 PER 15, state certified. Mrs. Ella Beal, Colony, Kansas.

PURE WHITE WYANDOTTE EGGS, \$5.00 per hundred. Mrs. Herbert Edwards, Wiley, Kan.

REGAL WHITE WYANDOTTE EGGS, SEND for prices. Mrs. Gomer T. Davies, Concordia, Kan.

SILVER WYANDOTTE EGGS, \$1.50 SET ting, \$6.00 per 100. Henry L. Brunner, Newton, Kan.

COLUMBIAN WYANDOTTE EGGS, \$1.50 per 15, postpaid. O. C. Sharits, Box M, Newton, Kan.

SILVER WYANDOTTE EGGS, \$4.50 A hundred. Utility stock. Mrs. John Klein, Aulne, Kan.

BARRON-KEELER STRAIN WHITE WY andotte eggs, 75c-15; \$4.00-100. Omer Keltel, Fontana, Kan.

WHITE WYANDOTTES, PRIZE WINNERS. Closely culled, \$4.00 per 100. Mrs. John Roger, Garnett, Kan.

WHITE WYANDOTTE EGGS, \$6.00 PER 100; \$1.50 per 15. Martin strain. H. Moreland, Mt. Hope, Kan.

PURE GOLDEN AND SILVER LACED Wyandotte eggs, \$1.50 for 15. Theodore Pine, Lawrence, Kan.

KEELER STRAIN WHITE WYANDOTTES. Eggs 15-1.00, 100-6.00. Mrs. Roy Phillips, Manhattan, Kan.

WHITE WYANDOTTES, PRIZE WINNERS, extra layers, \$5 per 100. Mrs. Harry Barnes, Marion, Kan.

CHOICE SILVER WYANDOTTE EGGS, \$5 per 100, or \$5.50 prepaid. Mrs. Ethel McHone, Almena, Kan.

MARTIN STRAIN WHITE WYANDOTTE eggs 15-1.00; 100-6.00, prepaid. Mrs. Ida Utz, Saffordville, Kan.

SILVER LACED WYANDOTTE EGGS, \$6.00 per 100. Todd's strain. C. C. Abercrombie, Barnard, Kan.

WHITE WYANDOTTE, KEELER STRAIN, fine layers, eggs 6 cents. Mrs. Jerry Melcher, Caldwell, Kan.

ROSE COMB WHITE WYANDOTTE eggs, state certified, \$5.00-100. Mrs. Otho Strahl, White City, Kan.

WHITE WYANDOTTE EGGS FOR HATCH ing; record layers. Catalog free. Mrs. A. J. Higgins, Effingham, Kan.

WHITE WYANDOTTE EGGS, MARTIN Keeler and Barron's strains, \$5 hundred. Mrs. H. Taylor, Alma, Kan.

WHITE WYANDOTTE EGGS 15, \$1.50; 100, \$5.00. Prepaid. Satisfaction guaranteed. Effie Acheson, Plainville, Kan.

FLOCK'S WHITE WYANDOTTE FARM, Clay Center, Kan., Henrietta Strain; eggs \$8.00-100. Free mating list.

SILVER WYANDOTTES; PEDIGREED, trapnested; eggs 15-2.00, 100-8.00. Prepaid. Clarence E. Sitterly, Salina, Kan.

WHITE WYANDOTTE EGGS, FLOCK headed by cockerels with 278 egg record, 100-4.00. Sam Eltzen, Hillsboro, Kan.

WHITE WYANDOTTE EGGS FOR HATCH ing. Keeler strain. \$1.00 per setting, \$6.00 per hundred. Ruby Barr, Wamego, Kan.

WHITE WYANDOTTE EGGS, MARTIN Keelers direct; prize pen 15-3.00; range 100-6.00. H. O. Collins, Fontana, Kan.

PURE BRED WHITE WYANDOTTE EGGS, from heavy layers, \$1.50 for 15; \$5.00 per 100. Claude Hibbard, Fall River, Kan.

PRIZE WINNING REGAL STRAIN DIRECT White Wyandotte eggs and baby chicks. Send for booklet. Mrs. B. L. Carney, Marion, Kansas.

COLUMBIAN WYANDOTTE EGGS, \$1.50 15; \$4.00-50; \$7.00 hundred; chicks \$16 hundred, prepaid. Henry Groening, Hillsboro, Kan.

WHITE WYANDOTTES, FISHEL EGG-A Day strain. Eggs \$1.50 per 15, \$5.00 per 100. Baby chicks \$15.00 per 100. Cora Shields, Clifton, Kan.

SILVER WYANDOTTE EGGS, CULLED for quality and egg production; prize pen 15-3.00, range 100-6.00. Mrs. Arch Richards, Manhattan, Kan.

WHITE WYANDOTTES, BARRON'S strain. World's greatest layers. Eggs 15-2.00; 100 for \$9.00. 60% hatch guaranteed. H. A. Dressler, Lebo, Kan.

WHITE WYANDOTTES, MARTIN STRAIN, bred for quality, size and heavy egg production. \$5.50-108, prepaid. Mrs. Lydia Coleman, 2517 Lincoln Street, Topeka, Kan.

SILVERLACED WYANDOTTE EGGS, CER tified stocks, \$6.00-100. Special pens, winners at large shows \$3.50-15, \$6.50-30, \$10.00-50. Mrs. Geo. Phegley, Lincoln, Kan.

PURE BRED WHITE WYANDOTTE EGGS for hatching, from high laying strain from first class exhibition and utility flock birds. Write for prices. John Collister, Manhattan, Kan.

WHITE WYANDOTTE EGGS, \$1.50 PER 15; \$8.00 per 100. Martin-Keeler strain. Cockerels in use from blue ribbon stock. Pure white. Place orders now. E. J. Otto, Riley, Kansas.

Wyandotte—Eggs

WHITE WYANDOTTE EGGS, FINE stock. \$6.00 hundred. Bachus, Abbyville, Kan.

WHITE WYANDOTTES, KEELER STRAIN direct. Partridge Wyandottes. All pen eggs three dollars per fifteen; range six dollars per hundred. Mrs. O. E. Collins, Paola, Kan.

WHITE WYANDOTTES—MARTIN AND Keeler strains direct; 30 eggs \$3.50; 50-4.00; 100-7.00. Satisfaction and safe delivery guaranteed. Baby chicks 100-20.00 prepaid. Garland Johnson, Mound City, Kan.

SEVERAL VARIETIES

1949 COCKERELS, 49 VARIETIES, HATCH ing eggs. Baby chicks. Free Book. Aye Bros., Blair, Neb. Box 6.

68 VARIETIES FINE PURE BRED POUL try, stock, eggs, chicks. Large catalog 5c. A. A. Ziemer, Austin, Minn.

PHEASANTS, PEA FOWL, GOLDEN SEA bright Bantams. Maplewood Bird Farm, 3201 S. Cherokee, Denver, Colo.

Several Varieties—Eggs

PURE BRED SINGLE COMB RED EGGS, \$6.00-100. Toulouse geese eggs, 40c each. White Pekin duck eggs 10c each. Mrs. Lars Peterson, Osage City, Kan.

EXTRA QUALITY WHITE ROCKS, LIGHT Brahmas, R. C. White Minorcas, White Muscovy ducks, Wild Mallard ducks and Toulouse geese. Satisfaction guaranteed. B. B. Krehbiel, Moundridge, Kan.

POULTRY SUPPLIES

SOL HOT OIL BURNING BROODERS. Easily operated. Inexpensive. Circular free. Claude Post, Mound City, Kan.

LOUSY HENS WON'T LAY, BUY "COL well's Sure Death to Lice." \$1.00 worth kills every louse and nit on 200 chickens for months to come. Order from Colwell's Hatchery, Smith Center, Kan.

SPECIAL—5 LBS. POUltra-TONE \$1.00 with 1 lb. Lice Killer free; makes thrifty chickens, increases egg production; send for instructions for making mash. Stock Feeders Mineral Co., Kansas City, Mo.

INCUBATORS: 100 ELECTRIC, 360 EGG, hot water, slightly damaged by smoke, \$13.50 F. O. B. Can be changed to coal-oil machines at small cost or can be used as brooders. Danforth & Sparks, 1813 Holmes St., Kansas City, Mo.

TRIUMPH INCUBATOR, NO. 33, CAPAC ity 260 eggs, will sell for \$25.00, good as new. No. 25 outdoor Successful Brooder, fair shape, capacity 300 chicks, for \$10.00. Buckeye incubator, capacity 130, good shape, \$10.00. Geo. A. Meyer, Park, Kan.

CHICKEN MONEY AND HOW TO GET IT—Valuable poultry book tells how you can make each hen produce \$4 a year by proper feeding, breeding, care of disease. Send only 25c for this expert book of information. Money back if not satisfied. Farm Book Company, Box 946, Philadelphia, Pa.

RIDS POULTRY OF LICE LIKE MAGIC. Pom's Golden Wonder given in drinking water or food few days does it. Will not harm fowls, flesh or eggs; helps save baby chicks; 1000 treated easily as one. 50c and \$1.00 bottles. At your dealer or by mail. Guaranteed. Pommer Co., Topeka, Kan.

POULTRY PRODUCTS WANTED

TENDENCY POULTRY MARKET LOWER. Ship immediately avoid loss. Coops loaned free. The Copes, Topeka.

PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

Slight Changes in Grain

(Continued from Page 31)

No. 2 white corn, 71 to 72c; No. 3 white, 71 to 71½c; No. 4 white, 70½c; No. 2 yellow, 72½c; No. 3 yellow, 72c; No. 4 yellow, 71 to 71½c; No. 4 yellow, 71c; No. 2 mixed corn, 71 to 71½c; No. 3 mixed, 71 to 71½c; No. 4 mixed, 70 to 70½c.

No. 2 white oats, 46½ to 47c; No. 3 white 45½ to 46c; No. 4 white 44½ to 45c; No. 2 red oats, 53 to 65c; No. 3 red, 48 to 65c; No. 4 red, 48 to 55c.

No. 2 white kafir, \$1.62 a cwt.; No. 3 white, \$1.61; No. 4 white, \$1.60; No. 2 milo, \$1.76; No. 3 milo, \$1.75; No. 4 milo, \$1.73.

No. 2 rye, 77c a bushel; No. 3 barley, 65 to 66c; No. 4 barley, 64 to 65c.

Hay Prices Decline

Hay at present is in less demand and prices have declined 50 cents a ton or more on nearly all grades. The following quotations are reported at Kansas City:

Selected dairy alfalfa hay, \$28 to \$30 a ton; choice alfalfa hay, \$25.50 to \$27.50; No. 3 alfalfa, \$23 to \$25; standard alfalfa, \$21 to \$23; No. 2 alfalfa, \$17 to \$20; No. 3 alfalfa, \$14.50 to \$16.50.

No. 1 prairie hay, \$14 to \$14.50; No. 2 prairie, \$12 to \$13.50; No. 3 prairie, \$10 to \$11.50; packing hay, \$7.50 to \$8.

No. 1 timothy hay, \$17; standard timothy, \$16 to \$16.50; No. 2 timothy, \$14.50 to \$15.50; No. 3 timothy, \$12 to \$14.

Light mixed clover hay, \$16.50; No. 1 light mixed clover, \$14 to \$16; No. 2 light mixed clover, \$10 to \$13.50.

Straw, \$6 to \$6.50 a ton.

When information—political, commercial, industrial, social—of a community is desired, the editor of the local paper is turned to for it.

The Real Estate Market Place

There are 10 other Copper Publications that reach over two million 100,000 families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

Special Notice

All advertising copy must be received at the Real Estate Department not later than 10 o'clock Saturday morning, one week in advance of publication.

REAL ESTATE

WE HAVE SOLD ONE SIDE OF THE Earth, and now starting on the other. The best bargains on earth. Write for booklet. Simmons & McKinney, Cabool, Mo.

OWN A FARM in Minnesota, Dakota, Montana, Idaho, Washington or Oregon. Crop payment or easy terms. Free literature. Mention state.

H. W. Byerly,
81 Northern Pacific Ry., St. Paul, Minn.

YOUR OPPORTUNITY

Farms, business houses, and residences FOR SALE in the heart of the new COAL FIELD to be opened up soon in Southeast Kansas and Northern Oklahoma. For particulars write to Clyde L. Tilton, Edna, Kan.

ONE FARE PLUS \$2. ROUND TRIP to Minnesota, North Dakota, Montana, Washington and Oregon. Tickets on sale first and third Tuesdays each month. Write for literature. E. C. Leedy, Great Northern Ry., Dept. G, St. Paul, Minn.

\$1000 SECURES 100-ACRE FARM, 15 CATTLE, HORSE, 5 HOGS. 3 miles, poultry, tools, implements; on state road close R. R. town; productive fields; 20-cow pasture; valuable woodlot; fruit, house, barn, smoke house, pigery. To settle affairs, \$3,500 takes all, only \$1000 needed. Details page 30 Big Illus. Catalog. Bargains 33 states. Copy free. Strout Farm Agency, 831 GP New York Life Bldg., Kansas City, Mo.

KANSAS

WESTERN KANSAS land, cheap. Easy terms. Write Jas. H. Little, LaCrosse, Kan.

320 SMOOTH fine farm, well improved, fine location, \$47.50 acre; terms to suit. Mansfield Investment & Realty Co., Healy, Kan.

80 ACRES, fine improvements, land lays extra good, all hog tight, 3 mi. town. Kansas Land Co., Ottawa, Kansas.

CREEK BOTTOM, 200 acres near high school. 65 in wheat. Well improved, \$67 per A. Possession. T. B. Godsey, Emporia, Kan.

IMPROVED 160 A. 1 mile from town. 1/2 under cult. bal. grass; good water, \$6500. Part cash. J. D. Brabb, Coffey, Kansas.

80 A. \$50 PER A., 120 A. \$75 PER A., 160 A. \$50 PER A., 160 A. \$75 PER A. All good imp. farms, extra good terms. Spangler Land Co., Ottawa, Kan.

FARMS from \$30 to \$125 per A. Suburban and city all kinds. Exchanges made. Come and see us. Clarke & McAnarney, Paola, Kan.

80 ACRES IMPROVED. \$55 per acre. \$1,000 cash. 160 acres improved, \$67.50 per acre. \$1,000 cash. The Allen County Investment Co., Iola, Kansas.

FOR SALE EIGHT CHOICE SECTIONS Wallace County, Kan., one to three miles of Weskan. Agents wanted. C. E. Mitchem, Harvard, Illinois

320 SHERIDAN CO. smooth, 170 A. wheat, 150 pasture; 1/2 mi. R. R. town. Catholic settlement. Price \$12,000. Some terms. John W. Belk, Owner, Osborne, Kan.

CHASE CO. ranches, also alfalfa farms on the Cottonwood River bottoms. Write me particulars of what you want. I can satisfy you. J. F. Ryan, Realtor, Strong City, Kan.

40 ACRES, improved, 2 1/4 miles of Ottawa. Smooth land. Price \$5,000.00 Terms. Immediate possession. Mansfield Land Company, Ottawa, Kansas.

560 ACRES 55 alfalfa, 175 cultivation, balance pasture and timber; new 8-room house, basement, good barn, never failing water. Priced to sell. Write owner J. J. Birkett, Reece, Kan.

STOCKMEN! LOOK AT THIS! 200 acres, fine cattle farm, well grassed, fenced and running water; fair improvements. Bargain at \$50. Ship by truck to K. C. Dept. M, Mansfield Land & Loan Co., Lawrence, Kansas.

COMBINATION FARM 430 acres, Eastern Kansas; rich black dirt, 120 growing wheat; plenty water; large improvements; \$85 per acre; it's worth, \$125 today; easy terms; possession. Mansfield Land & Loan Company, 415 Bonfils Bldg., Kansas City, Mo.

100-ACRE, IMPROVED, 7 miles from Garden City, all rich, smooth land, suitable for alfalfa, grain, etc. Well adapted for dairy cows, hogs, poultry; nearly all farmed. Some alfalfa, 640 acres adjoining pasture leased cheap. 6 room frame house, barn and other fair buildings; main road; R. F. D. telephone. Owner desires to retire on account of age. \$6,400. Terms. F. L. Stowell, Garden City, Kansas.

NOTICE—PUBLIC SALE The Park Place Poultry Farm, S. E. Cor. Munson and Frazier Sts., Topeka, Kan., will sell at public auction on Thursday, Mar. 22nd all their poultry, dairy cows and equipments, including 250 Aristocrat Barred Rock Pullets and cockerels, 1000 chicks from 6 days to 7 weeks old. This flock has been culled and Hogan tested for years. Also 16 head of dairy cows and heifers. Two good Holstein bulls, together with poultry, and dairy equipments.

My New Suburban Home with 5 acres of land is also for sale. Phone 9457, see sale bills or write E. J. Olander for further information.

RATES

For Real Estate Advertising on This Page

45c a line per issue on 4 time orders.
50c a line per issue on 1 time orders.

Pay No Advance Fee Don't give option or tie up real estate for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

KANSAS

50 ACRES, modern home, 2 1/4 miles of Ottawa, Kansas, 20 acres choice alfalfa land, 30 acres pasture, county highway, close to high school and college; good terms and possession March 1.

Ottawa Realty Company, Ottawa, Kansas

FOR SALE or Rent, Highly improved 480 acre farm, 100 cultivation, remainder meadow and pasture. Cash and grain. Also 80 acres, fine land, well located, oil possibilities. Both farms near Ottawa. Mansfield Land Co., Ottawa, Kansas.

ARKANSAS

FREE HOMESTEAD land, healthful Ozarks. Raise corn, cotton, vegetables, fruit; deer, turkey, fishing. Particulars free. Write M. Decker, Norfolk, Ark.

FOR SALE—Twenty-acre tracts near Pine Bluff, Ark. No low wet land; only \$500 with \$20 cash and \$10 per month. Write for plat. McGehee Realty Company, Pine Bluff, Ark.

BUY A FARM in the great fruit and farming country of Northwest Arkansas where land is cheap and terms reasonable. For free literature and list of farms write J. M. Doyel, Mountairburg, Arkansas.

CALIFORNIA

IF YOU WANT TO LIVE in California write Kings County Chamber of Commerce, Hanford, California, for free booklets.

COLORADO

LEVEL LAND in settled locality, near R. R. Baca Co., Colo. \$15 per A. Morris Land Co., Lawrence, Kansas.

FOR SALE TEN CHOICE SECTIONS, east of Cheyenne Wells, Cheyenne County, Colorado. Agents wanted. C. E. Mitchem, Harvard, Illinois

TO CLOSE AN ESTATE We are offering for sale about 30,000 acres of land, both irrigated and dry, close to Denver, under good water rights, at prices and on terms which can not be secured from individual owners. Good roads, schools and close to market, within driving distance of Denver Stock Yards. Will sell in any sized tract to suit, and take good, negotiable paper to apply on purchase. Write us particulars of what you want. We can satisfy you.

CHICAGO TITLE AND TRUST COMPANY, as Trustee, Ideal Bldg., Denver, Colo.

FARM AUCTION On Monday March 26, 1923 at 2 o'clock P. M., I will sell at auction my fine, irrigated farm of 147 acres. This farm is in Adams County, 2 miles on the straight road West of the alfalfa mill at Eastlake, about three miles East of Broomfield and just 1 mile direct north of the end of Federal boulevard. This farm is all under cultivation, carrying 150 acre feet of water from the Stanley and Marshall lakes. Terms will be announced at the sale.

Ada L. Caldwell, Owner, 314 U. S. Nat'l Bank Bldg., Denver, Colo. Phone Champa 4012. Col. G. M. Banks, Auctioneer, 441 Pearl, Denver, Colo., Phone S234.

MISSOURI

LISTEN, 40 acre imp. farm \$1200. Good terms. Other farms. McGrath, Mountain View, Mo.

MISSOURI LAND BARGAINS—Send for free list. Box 108, Mount Vernon, Ill.

POOR MAN'S CHANCE—\$5 down, \$5 monthly buys forty acres grain, fruit, poultry land, some timber, near town, price \$200. Other bargains. Box 425-0, Carthage, Missouri.

DO YOU WANT A HOME in a mild, healthy climate where the grazing season is long, the feeding season short, waters pure, soils productive? Good improved farms \$20 to \$50 acre. Frank M. Hamel, Marshfield, Mo.

FOR SALE, 640 acres Benton Co., Mo.—2 mi. north of Edwards, Mo., 18 mi. southeast Warsaw, Mo., at \$20 per A. Will carry loan of \$5,000 6% as part of purchase price; excellent stock farm, with abundance water and fine grass. Land has to be sold to settle up an estate. Write Geo. U. Freund, Public Administrator, Warsaw, Mo.

MINNESOTA

MINN. clover land or Lake Shores never will be cheaper. Ole Larson, Walker, Minn.

MICHIGAN

WONDERFUL bargains in Michigan farms. Your railroad fare paid. Free list. Albert J. Shirley, Rose St., Kalamazoo, Mich.

MONTANA

WHY RENT? When you can buy a farm in the Famous Milk River Valley on easy terms. This valley was once the bottom of the Big Missouri River. Most productive soil in the world. If farmed well two crops pay for the land. Write for free illustrated booklet and latest price list. Farmers Land Exchange, Saco, Mont.

NEW YORK

NEW YORK State farm catalog and map free. Buffalo Farm Exchange, Buffalo, N. Y.

OREGON

130 ACRES, fenced woven wire, big free out-range, 28 rich black loamy creek bottom garden land tilled, sub-irrigated, more suitable. Good 6-room house, barn for 18 head and feed. Family orchard, lots blackberries, strawberries, and logans. 9 dairy cows, bull, team, 4 hogs, 150 chickens, machinery and full equipment. Close to store, P. O. Ry. station, school, auto camp on paved highway, 2 big sawmills, that absorb all farm produce and milk at 10c qt. Lots wood and piling. \$5,000. Cash down \$2000; terms bal. Happy the man that clinches this good money-maker. Quick action necessary. No cyclones, blizzards, hot winds, drouths, alkali nor crop failures. Mild healthful climate, great hunting and fishing. B. Johnston, Saginaw, Ore., Farmer and Realtor.

OKLAHOMA

Farms For Sale

GOOD FARMS well improved, located all sections Oklahoma and some in Arkansas offered at forced sale prices and on very liberal terms. Only small cash payments necessary. Have improved farms of all sizes from 40 acres to 640 acres. Wonderful opportunity to double your money in short time. Tenants can become land owners. Farms will never be as cheap again. Act quickly while I have 100 farms for you to choose from. Practically all of these farms in good prospective oil territory. Write immediately for booklet fully describing these farms.

V. H. STEVENS,
307 Southwest National Bank Building,
Oklahoma City, Okla.

TEXAS

FARMS, improved and unimproved for sale or rent. Jas. A. Bush, Amarillo, Texas.

WYOMING

FARMS FOR SALE

In beautiful Bridger Valley of Wyoming. Irrigated, improved and in alfalfa. Ready to move on. Some completely stocked. \$30 to \$40 per acre. Write for information. A. G. Edwards, Mountain View, Wyo.

WYOMING AGENCY, dry and irrigated ranches, chicken, dairy and stock farms. Homestead relinquishments cheap. Trades, city lots, stores, summer homes, 16 mi. mountains. Licensed and Bonded Dealer, Glendo, Wyo.

SALE OR EXCHANGE

RANCH, sale or trade for part income property. Inquire Box 7, Stoneham, Colo.

TRADES—What have you? List free. Bersie Farm Agency, El Dorado, Kansas.

GOOD improved farm for sale or trade. J. M. Mason, 2274, Russell, Kansas City, Kan.

FOR SALE or trade, choice improved quarter section in Wadena Co., Minn. School on land. Your terms. J. W. Garvin, Wadena, Minn.

FINE RANCH, 1120 A. well improved, nice creek, some alfalfa, 230 A. wheat. Price \$30.00 per acre. Some trade. E. M. Ensign, Owner, Healy, Kan.

REAL ESTATE WANTED

FARM WANTED—Give description, cash price. R. E. Leaderbrand, Cimarron, Kan.

WE HAVE BUYERS for a number of farms. Price must be right. Describe full in first letter. Central Land Bureau, New Franklin, Mo.

CASH BUYERS want Kan. and Colo. farms. Give full description and price. R. A. McNow, 320 Wilkinson Bldg., Omaha, Neb.

CASH YOUR PROPERTY QUICKLY. Location immaterial. Give best price. Universal Sales Agency, Box 43, N. Topeka, Kans.

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Copper St., Chippewa Falls, Wis.

SELL YOUR PROPERTY QUICKLY for cash, no matter where located, particularly in Real Estate Salesman Co., 515 Brownell, Lincoln, Neb.

WANT TO BUY improved farm in Eastern Kansas from owner. Give full description of land and improvements, least cash price in first letter. W. H. Fleagle, Friend, Kansas.

FARM WANTED—If you have a good farm in Kansas for sale at a bargain, suitable for general farming, write me at once with full description of property and lowest cash price. John Baker, DeQueen, Ark.

FOR RENT

FOR RENT—Three improved farms. One-third off rent if rented in March. Owner, John Deer, Neodesha, Kan.

LOANS AND MORTGAGES

FARM LOANS made anywhere direct to borrower at lowest rates. We charge no commission. Write particulars first letter. Farmland Mortgage Co., Wichita, Kan.

6% MONEY may be secured under Bankers Reserve System for any purpose on city or farm property. Bankers Reserve Deposit Company, Lathrop Building, Kansas City, Mo. Home office, Denver, Colo.

Farm & Ranch Loans

Kansas and Oklahoma

Lowest Current Rate
Quick Service. Liberal Option.
Interest Annual or Semi-Annual.

THE PIONEER MORTGAGE CO.,
TOPEKA, KANSAS.

Public Sales of Livestock

Shorthorn Cattle

March 22—Blank Bros., Klein & Lauer, Franklin, Neb.
March 26, 27 and 28—Central Shorthorn Breeders Association, Kansas City, Mo.
March 29—N. P. Lugenbill, Greensburg, Kan.
April 9—L. L. Humes, Glen Elder, Kan.
April 10—North Central Kansas Shorthorn Breeders, Beloit, Kan.
April 10—J. C. Dell & Son, Beatrice, Neb.
Sale at Wymore, Neb.
April 11—Northwest Kansas Shorthorn Breeders' Assn., Concordia, Kan.
April 12—C. E. Hill, Toronto, Kansas.
Apr. 12—C. E. Hill, Toronto, Kan.
April 14—Riley, Pottawatomie, Wabunsee Tri County Sale, Manhattan, Kan.
April 18—Butler County Shorthorn Association, sale at Eldorado, Kan.
April 19—Northeast Kan. Shorthorn Breed-May 16—Park Salter, Wichita, Kan.
May 16—Atchison County Breeders, Lancaster, Kan.
Association, Hiawatha, Kan.
May 16—Atchison County Breeders, Lancaster, Kan.

Polled Shorthorns

April 20—J. C. Banbury & Sons, Pratt, Kan.
Hereford Cattle
March 24—E. W. Ringen, Summerfield, Kan.
April 23—Northern Kansas Hereford Breeders' Association, Blue Rapids, Kan.
May 7—State Breeders Association, Manhattan, Kan.

Holstein Cattle

March 20—Kansas Holstein-Friesian Breeders' Ass'n of Kansas, free fair grounds, Topeka, Kan.
Apr. 17—Wm. H. England, Ponca City, Okla.
Feb. 22—Hostetter Engle, Abilene, Kan.
Nov. 19—Kansas Association Sale, Wichita, Kansas.

Aberdeen Angus Cattle

May 1—Johnson Workman, Russell, Kan.
May 2—Kansas Aberdeen Angus Breeders, Russell, Kan.

Duroc Jersey Hogs

March 29—N. P. Lugenbill, Greensburg, Kan.
April 3—W. D. McConner, Wichita, Kansas.
April 9—L. L. Humes, Glen Elder, Kan.
Apr. 16—Wm. H. England, Ponca City, Okla.
April 17—A. L. and J. M. Erwin, Adrian, Mo.
April 19—Jas. E. Park, Butler, Mo.
April 20—Helber & Hytton, Osawatomie, Kan. Sale at Paola, Kan.
April 21—Fomer Rule, Ottawa, Kan.
Apr. 24—Dock Davidson, Wichita, Kan. Sale at Caldwell, Kan.
April 24—Lock Davidson, Wichita, Kansas. Sale at Caldwell, Kansas.
April 26—Laptad Stock Farm, Lawrence, Kan.
April 26—Fred Laptad, Lawrence, Kan.

Spotted Poland China Hogs

Mar. 20—Henry Field, Shenandoah, Ia.
Apr. 17—Henry Field, Shenandoah, Ia.
Sep. 4—L. R. Massengill, Caldwell, Kan.
Oct. 8—C. W. Bale, Chase, Kan.

Poland China Hogs

Apr. 12—C. E. Hill, Toronto, Kan.
April 12—C. E. Hill, Toronto, Kansas.
April 26—Fred Laptad, Lawrence, Kan.
April 26—Laptad Stock Farm, Lawrence, Kan.

Sale Reports and Other News

L. A. Poe's Duroc Sale

L. A. Poe, Hunnewell, Kan., Duroc sale March 7 resulted in an average of \$32.50 for four sows, \$25.75 for 25 spring gilts, or \$26.75 for 29 head. Top was \$50 for a spring gilt, paid by A. H. Wood, Braman, Okla.

D. S. Sheard's Duroc Sale

D. S. Sheard, Esbon, Kan., sold 45 Duroc Jersey bred sows and gilts in his sale last Tuesday, March 6 for an average of about \$30. It was a good offering and the average was far below what it should have been. To start with the roads were bad and that kept many from attending. Another handicap was the flu that was prevalent in that community and this fact was the reason for a large number not attending who had intended to do so. Mr. Sheard presented a splendid offering of well grown, well bred sows and gilts that was worth much more than he received for them.

J. S. Fuller's Spotted Poland Sale

J. S. Fuller of Alton, Kan., sold 49 Spotted Poland China bred sows and gilts in the sale pavilion at Concordia, Kan., last Monday, March 5 for \$1525. However a few of the smaller gilts brought down the average some. It was a dandy offering and reflected credit upon Mr. Fuller's ability as a breeder. The sale was held in Concordia because of the better railroad facilities and because the new sale pavilion at that place afforded an excellent place in which to hold a sale. A nice lot of the sows and gilts were bred to Giant Arch Back, Mr. Fuller's herd boar. Mr. Fuller has a good herd at Alton, Kan., and will hold future sales.

Logan Stone's Poland China Sale

One of the very best offerings of Poland China bred sows and gilts sold in the state this winter was the Logan Stone offering sold at his farm near Haddam, Kan., Washington county last Friday, March 9. Forty-two head averaged about \$32 and should have sold for much more money. The gilts were well grown and extra good and the sows, all young sows of real merit were of excellent breeding and splendid individuals. The sale was held in Mr. Stone's barn where the sale arrangements were excellent. But Logan Stone scattered some good seed and you are going to hear from that herd from now on. It was a splendid offering and all were showing up fine for big litters.

Notes From the Field

BY J. W. JOHNSON

B. L. Bean of Atchison, Kan., is starting his Holstein advertisement in this issue. Mr. Bean owns one of the good Holstein herds in Kansas and is offering some good bulls for sale. He will also sell some choice cows and heifers.—Advertisement.

John D. Henry of Leecompton, Kan., is advertising some good Poland China fall boars and gilts in this issue. They were farrowed in September and October. They are out of the best sows in Mr. Henry's herd and are well grown. There are some real prospects among them.—Advertisement.

Holstein breeders wanting a good young bull should look up the advertisement of

DUROC JERSEY HOGS

BONNY GLEN DUROCS

40 Sept. gilts sired by a son of the Grand Champion Rainbow Sensation and out of Pathfinder bred dams. Crated light \$20 each, two for \$35. Farm located on state line 9 miles south of town.

JOHNSON & DEMOND, Fairbury, Neb.

BRAUER
PURE-BRED
DUROC
COMPANY

Colorado Springs, Colo.

High class hogs at reasonable prices.
We invite correspondence.

THREE DUROC PIGS \$34

"Get-Acquainted Sale" of our champion bred, big type, thrifty, Sensations, Pathmasters, Pathfinders, etc. Trios not related \$34. Singles \$11.75. 1/2 down, rest C. O. D. Reg. and guaranteed to please. Write for copy of "Pig Facts," ROSS SALMON, Box 4K, McFALL, MO.

Shepherd's Duroc Boar Bargains

A half dozen extra good ones to move quickly. By Sensation Pilot, 1921 Topeka s. c. out of Great Orion Sensation dam, and by Sensation Giant by Big Orion Sensation out of Orion Cherry King dams. Priced to sell. Write immediately. G. M. Shepherd, Lyons, Kan.

Bred Gilts

For March and April farrow, \$30.00 each. Boars from 75 to 250 lbs., \$15.00 to \$30.00. Well bred. Crated. With pedigree. Also fall gilts.

J. E. WELER, HOLTON, KANSAS.

Boars and Bred Gilts

A selection of big type gilts bred for March and April farrow, from the best Pathfinder, Orion, and Sensation breeding. Fall boars and gilts, \$15. Immured.

ERNEST A. REED, LYONS, KAN.

Wooddell's Durocs

Best blood lines. Breeding stock for sale at all times. Write us your wants.

WOODDELL'S DUROC FARM, Winfield, Ks.

Stuckey's Durocs

Sows, gilts, bred or open, for sale. Reasonable prices. Herd sires: Valley Pathmaster by Pathmaster, Sensation's Big Bone Giant by Great Orion Sensation. Write your wants. G. E. Stuckey, Wichita, Kan., Rt. 6.

Big Type Bred Gilts and Boars

Choice selection bred gilts and boars. Best Sensation, High Orion, Pathfinder breeding. High quality. Priced low. Immured.

J. A. REED & SONS, LYONS, KANSAS

E. G. HOOVER'S DUROCS

Gilts for pig clubs. Priced right. Herd sires: Orchard Scissors by Scissors, Goldmaster by Pathmaster, etc.

E. G. HOOVER, WICHITA, KANSAS

Dean Bailey's Tried Sows and Gilts

Most of them by Pathfinder Jr. and Zink's Sensation, bred to Giant Orion 5th to farrow in March and April. Good ones priced reasonably. DEAN BAILEY, PRATT, KAN.

Zink Stock Farms Durocs

20 sows and gilts in our recent sale averaged \$100. These were all bred to GREAT PATHMASTER. We have some extra fine fall boars by this sire and by GREAT SENSATION WONDER. Write us at once. ZINK STOCK FARMS, TURON, KANSAS

Larimore's Durocs

Real spring gilts bred to Orion Commander by Commander for March and April farrow. Real fall boars by Major Sensation Col. out of real sows. Priced to sell. Write at once.

J. F. LARIMORE & SONS, Grenola, Kan.

Valley Springs Durocs

Boars, bred sows and gilts; popular breeding; immured. Pedigrees. Year's time.

E. J. BLISS, BLOOMINGTON, KANSAS

Pathfinder Sows and Gilts

Bred for April farrow to my herd boar, Sensation King. Tried sows \$60, and gilts \$30.

F. W. ELLIOTT, KIRWIN, KAN. (Phillips County.)

Walnut Hill Stock Farm Durocs

Yearling boars, spring boars and spring gilts for sale. Real hogs at fair prices.

D. C. ASHER, LAWRENCE, KANSAS

DRAKE OFFERS TERMS

Bred gilts and spring and fall boars. Good ones. Most of them by or bred to my Smooth Sensation, a proven sire of good ones. Terms to responsible parties. Write immediately. Homer Drake, Sterling, Mo.

Waltmeyer's Giant 429003

Boars by him for sale. W. R. Huston, Americus, Ks.

100 Fall Pigs, Choice Ones

For sale. R. C. Watson & Sons, Altoona, Ks.

FALL SONS OF PATHMASTER

Out of daughter of Uneeda Orion Sensation. Some by son of Great Orion. Priced reasonably.

J. H. Marcey, Fall River, Kansas.

Oklahoma Needs Livestock

To advertise most economically to the largest number of prospective Oklahoma and Texas buyers of purebred hogs, cattle, horses and sheep, use

The Oklahoma Farmer

It is read on 130,000 farms and ranches of that territory; leads in the advertising and news of the livestock business; has the best editorial standing and excels in results. J. W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, will be glad to tell you about the Oklahoma Farmer or take your orders for it, or you can write direct to

THE LIVESTOCK SERVICE
Capper Farm Press, Topeka, Kan.

The Collins Farm Co. in this issue. They are offering for sale a son of Vanderkamp Segis Pontiac. This young bull is backed by production records and is a good individual.—Advertisement.

Shungavalle Holsteins

Ira Romig & Sons of Shungavalle Farm are changing their Holstein advertisement in this issue. They are offering a nine-month-old Konigen bull for sale. This bull is a choice individual three-fifths white. His dam is a granddaughter of King Segis Pontiac that made a record at three years and twenty days of 11,930.3 lbs. milk and 534.62 lbs. butter in 305 days.—Advertisement.

John D. Henry's Polands

John D. Henry, Lecompton, Kan., starts his advertisement in this issue of the Mail and Breeze in which he offers big type Poland China fall boars and gilts. They are by Big Orange and Jayhawk. These boars and gilts are of the very best and Mr. Henry is a recognized breeder of Poland Chinas of the very best. Write him about a boar or some gilts.—Advertisement.

F. B. Wempe's Hampshires

F. B. Wempe, Frankfort, Kan., is all sold out of Hampshire bred sows and gilts but offers a nice lot of fall gilts, open and fall boars. He is making special prices on pairs and trios. Remember that the Wempe Hampshires won at both the American Royal and the International at Chicago in 1922. Write him for descriptions and prices. He will ship on approval which is a full guarantee that they are as represented. Look up his advertisement in this issue of the Mail and Breeze.—Advertisement.

L. L. Humes' Sale

L. L. Humes, Glen Elder, Kan., will sell at his farm south of town, April 9 one of the largest sales of the season of Duroc Jerseys. He will sell about 30 bred sows and gilts bred to farrow the last half of April and the first half of May. The rest of the offering is big, splendid fall gilts, open and granddaughters of Calculator, the grand champion at Wichita in 1920 and one of the best bred boars as well as one of the best sires in the state. There will be 15 boars, same breeding as the open gilts that are crack-jacks. He is also selling 15 Shorthorns, sows and heifers and they are of the best of blood lines and good individuals. The sale will be advertised shortly in the Mail and Breeze.—Advertisement.

The State Holstein Breeders' Meeting

The seventh annual meeting and sale of the Holstein-Friesian association of Kansas will be held in Topeka, Kan., Tuesday, March 20. The sale will be held in the pavilion at the fair grounds and the annual meeting of the Kansas association will be held in the commercial club rooms in the evening. The sale offering is one of real merit and has been furnished by 15 state herds and there are just 50 head in the sale, everyone a good one consigned because it is good and without the expectation that it will sell in this sale for its full value. But this is the way the Kansas association members have built up their association in Kansas and attracted attention to it all over the country. W. H. Mott, association secretary and sale manager is very anxious that every member that can possibly do so attend this meeting. There are matters of importance to come before the meeting and it is urgent that every member attends who can possibly do so. Anyone wanting good cattle will do well to take this opportunity of attending the annual association sale. The usual safeguards for the protection of the buyers will be found in the sale catalog which is now ready to mail. For the sale catalog address W. H. Mott, Sale Manager, Herington, Kan.—Advertisement.

E. W. Ringen's Hereford Sale

The dispersion sale of the E. W. Ringen herd of Rocky Boy and Beau Stanway Herefords at Mr. Ringen's farm near Summerfield, Kan., March 24 marks the closing out of one of the very best herds of Herefords in Northern Kansas. Not as large in point of numbers as some but a herd noted all over the country for its animals of great size and individual merit. In this sale you will have the opportunity to buy bulls weighing from 2400 up to 3000 pounds. If you don't want them big you will be disappointed in this sale but if you are looking for the big type, the kind that the modern breeder and farmer want to raise these times you will find it one of the richest opportunities ever presented. There will be females in this sale weighing from 1700 up to 2000 pounds. Every animal will be in good condition and every animal will sell for just what the bidders consider its value to be. Mr. Ringen is an old, well known Hereford breeder of Marshall county who commands the respect and confidence of every man that knows him and he is making this sale because of a change in his plans for the future. It is a sale of 50 Herefords of great merit and they are sold by one of the foremost breeders you ever met. If you want a bull, either a young bull old enough for service or a splendid herd bull just in his prime you better be at this sale.—Advertisement.

BY J. T. HUNTER

Wm. Atwell of Cloverdale Stock Farm is advertising Spotted Poland China pigs for sale; also a few choice late fall boars. Look up his advertisement in this issue and note prices and breeding.—Advertisement.

A. H. Taylor of Sedgwick, Kan., is advertising Percheron stallions and Shorthorn bulls in this issue. The stallions are blacks and grays and are guaranteed breeders. The Shorthorn bulls are of the best breeding and good individuals. They are ready for service.—Advertisement.

Seldom is found a more carefully selected herd of Shorthorns than that of H. H. Holmes, Topeka, Kansas. Although a comparatively small herd this produce the past few years includes the 23 times champion Lady Supreme, the \$2,000 Sweet Blossom and last year's junior champion, Honor Maid 4th. Mr. Holmes, whose farm lies near Topeka, invites correspondence and inspection.—Advertisement.

Marcey's Pathfinder Boars

J. H. Marcey, Fall River, Kan., has a son of Pathmaster for senior sire. He is out of a littermate sister to Great Orion Sensation and he is a good looking individual that gives evidence of being a real herd sire as do nearly all the sons of Pathmaster. In addition to this sire, Master Orion, there are fall sons of Pathmaster out of a daugh-

HEREFORD CATTLE

HEREFORD CATTLE

Rocky Boy Herefords

In a big closing out sale at the farm 3 miles west of Summerfield on the state line; 10 northeast of Beattie; 12 northeast of Oketo, and 10 southeast of Liberty, Neb., on the Burlington.

Summerfield, Kan., Saturday, March 24

A remarkable herd of 50 Herefords including two herd bulls of great note. Silent Boy, a 2700 pound son of Rocky Boy, a famous bull that weighed 3,000 pounds.

Beau Stanway, a 2300 pound son of Bright Stanway and out of a Beau Picture dam.

24 cows and heifers of breeding age, 12 of them with calves at foot, 12 to calve soon.

Six yearling bulls, one two year old and two three year olds. You will want one of them when you see them. Sale catalog ready to mail. Address

E. W. Ringen, Owner, Summerfield, Kansas

Auctioneers: Fred Reppert, B. S. Etchison, S. B. Clark.
J. W. Johnson, Fieldman.

HORSES AND JACK STOCK

Reg. Percheron Stallions

Blacks and greys. The best breeding, good individuals, guaranteed breeders. A few extra to show foaled in 1922. Also Reg. Shorthorn bulls, just ready for service. Silver Marshal, one of the best sons of Village Marshal at the head of our herd, that is Federal tested and Accredited. Farm 1 1/2 miles west of Briggs Station on the A. V. I.

A. H. TAYLOR, R. R. 4, Sedgwick, Kan.

Big Reg. Jacks

For sale, one or a carload. Priced very reasonable. Come and see them.

M. H. MALONE, CHASE, KAN.
J. F. MALONE, LYONS, KAN.

Two Black Percheron Stallions

Priced to sell. 3 years old. My herd stallion Burnip who won first 3 years at Hutchinson fair; also mare, J. T. SCHWALM, Rt. 1, BALDWIN, KAN.

Four Good Jacks For Sale

Three fifteen hand black Jacks. One sixteen hand black Jack. Priced to sell. E. F. Thompson, Bushong, Kan.

GREAT SNOW AND BREEDING JACKS

Priced right. Hineman's Jack Farm, Dighton, Kan.

GREAT BREEDING AND SHOW JACKS

Priced right. Holt's Jack Farm, Uniontown, Ks.

FOR SALE! One Percheron Stallion, one

and four Jennets. All registered and guaranteed in every way. WM. DOUGLAS, MARSHFIELD, MO.

EXTRA LARGE BLACK PERCHERON

STALLION and reg. Jack at farmers' prices. Chas. Reece, Hopewell, Kan.

SHIRE HORSES: A few stallions, brood

mares and colts. Our own raising. Choice blood lines. H. H. Harvey, Clay Center, Neb.

STALLIONS, JACKS, MARES. Reg. Percheron

stallions and 40 mares. 35 mammoth Jacks 15 to 16 hands. Priced right. Al. E. Smith, Lawrence, Kan.

HAMPSHIRE HOGS

HAMPSHIRE'S

75 Bred Sows and Gilts bred for March, April and May farrow. 25 Boars, all cholora immune. Lookout—Wickware breeding. Write for free price lists giving weight and pedigree. Sold under famous SILVER guarantee.

WICKFIELD FARMS, Box 8, CANTRIL, IOWA
F. F. Silver, Prop.

200 Hampshires

For sale—Bred sows and gilts, fall pigs, both sexes. All immuned. Best breeding. Walter Shaw. Telephone Derby, Kan., or address Rt. 6, Wichita, Kan.

Whiteway Hampshires on Approval

That were winners at the American Royal and the Chicago International. Choice fall boars and gilts sired by the grand champion of Kansas. Pairs and trios at special prices.

F. B. WEMPE, FRANKFORT, KANSAS

Reg. Hampshire Prize Winning Stock

Fall pigs, both sexes, weighing 115 to 140 lbs., priced for quick sale. Hampshires are the World's Greatest Hogs.

S. E. WESTBROOK, KIRWIN, KANSAS.

Hampshire Boars For Sale

From 4 months to 2 years old, at farmers' prices. Reg. cholora immune. FARMOSA FARMS, Garden City, Mo.

CHESTER WHITE HOGS

Some Fall and Winter Boars For Sale

Best of Chester White breeding. Sire and dams prize winners. Cholora immune. Closing them out cheap. Bred gilts all gold. Write or call E. M. Reckards, 817 Lincoln St., Topeka, Kansas.

O. I. C. PIGS

HARRY HAYNES, GRANTVILLE, KANSAS

REGISTERED O. I. C. HOGS
Write me for what you want, I have it.
Geo. T. Bartlett, Stockton, Kan.

CHESTER WHITE GILTS. Bred for spring farrow; vaccinated double method; \$30 to \$35 each. W. H. Lynch, Neosho Rapids, Kansas.

BERKSHIRE HOGS

BIG TYPE BERKSHIRE PIGS
Registered and cholora immune. \$20 and \$25.

L. M. Knauss, Garnett, Kansas.

SPOTTED POLAND CHINA HOGS

Bred Sows and Gilts

and a few good fall boars priced cheap. White Scotch Collie puppies. T. L. CURTIS, DUNLAP, KANSAS

\$35.00 Buys Big Reg. Spotted Gilts

Sired by The Emancipator, a son of the International Grand Champion 1921. Bred for March and April litters to Bluegrass Giant, a son of the Mo. State Fair Grand Champion 1921. Guaranteed to please. Double immuned. Address G. C. ROAN, ETHEL, MACON CO., MO.

Cloverdale Stock Farm

Offers a few long, big boned weaned pigs for sale at \$20.00 each, unrelated trio \$35.00. Express prepaid. These pigs are well marked, have plenty of height and are guaranteed to please or money back. Also have a few choice late fall boars at \$20.00. Royal Duke 45083 is now assisted by Hustler 45067 and English King XII 79945.

WM. ATWELL, BURLINGTON, KANSAS

Weddle's Spotted Poland Bargains

Coming farm work will interfere with selling hogs. To move quickly will sell good gilts at \$25, bred to my "Aristocrat" boar to farrow in April and May. THOS. WEDDLE, VALLEY CENTER, KAN. Phone 1531, Kechi, Kan.

SOWS, GILTS AND BOARS for farmers and breeders. Overloaded and selling you choice at your price. Wm. Meyer, Farlington, Kan.

POLAND CHINA HOGS

Big Type Poland China Bred Gilts

At \$35.00 to \$50.00. Write for list. ROSS MEMURRY, BURRTON, KANSAS

Big Type Poland China Bred Gilts

\$25 each. Immured and guaranteed. C. R. ROWE, Route 1, SCRANTON, KAN.

BIG TYPE POLANDS, fall boars and gilts. Sires Big Orange and Jayhawk. Best of breeding. John D. Henry, Lecompton, Kan.

BIG TYPE POLAND CHINA BOAR

For Sale—Big Bone Breeding, Caldwell's Big Boar, dam; Buster Over, sire.

J. E. Lorister, Rt. 2, Box 8, Lenexa, Kan.

POLAND CHINA BOARS by Designer. A few Designer gilts bred to GICOTTE JR. Farmer prices.

J. N. Houston, Gem, Kansas.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS

BOYD NEWCOM, Auctioneer

219 Beacon Bldg., Wichita, Kan.

Jas. T. McCulloch, Clay Center, Kan.

My reputation is built upon the service you receive. Write, phone or wire.

Homer Boles, Randolph, Kan.

Purebred stock, sales, land and big farm sales. Write or phone as above.

Nebraskans Are Good Buyers

If you are suitably located for shipping into Nebraska and have the quality and numbers to justify advertising outside your own state, there is one thing sure—

The Nebraska Farm Journal

is outstandingly the best medium for cultivating the Nebraska trade on purebred cattle, hogs, jack stock, horses or sheep. It has many times more Nebraska readers than most advertising mediums, and about 50 per cent more than the next largest Nebraska farm paper, although its rate is lowest. It leads in livestock interest and information as well as in advertising. See J. W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, about it, or write direct to

THE LIVESTOCK SERVICE

Capper Farm Press, Topeka, Kan.

When writing advertisers mention this paper

Values Always are Good

At the
Central Shorthorn Breeders' Sale

Show March 26—Sale March 27-28

At the New
American Royal Building, Kansas City, Mo.

Come Monday and see a Real Show and attend the meeting in the evening. Fifty head of exceptional cattle will be sold Tuesday, from which outstanding herd bulls and foundation females of the most popular blood lines may be selected. Many excellent "buys" have been made in these sales. A large offering of excellent farm bulls and useful females will be sold Wednesday and almost certainly will afford many bargains. This is the largest Shorthorn sale west of the Mississippi River. The cattle will meet the demands of breeders, farmers, and range buyers. Note especially in the catalog, the advantage of this sale in guarantee and in the prompt and business-like delivery of papers. Address, mentioning this paper.

W. A. Cochel, Sales Mgr., Hotel Baltimore, Kansas City, Mo.
O. W. Devine and Chas. L. Carter, Fieldmen.

Lugenbill's Shorthorn-Duroc Sale

Greensburg, Kan., Thursday, March 29

SHORTHORNS: 18 head—5 bulls, 8 cows, 5 heifers. Bulls run from calves to serviceable age. Females in service to Mysie's Searchlight by Dale's Searchlight out of Scotch Mysie. Sires include Roan Villager, Butterfly Royalist, Marigold's Chief, Golden Barmpton. Four females will have calves at side. Herd has now passed second annual federal tubercular test and will soon be federal accredited.

DUROCS: 25 head—5 boars, 10 sows, 10 gilts. Sired by or bred to Orion Wonder, Pathwonder, Belle's Pathfinder, Victory Sensation 3rd, Pathfinder Chief 2nd, Graduate Pathfinder, etc. A first class offering of well bred, well fed and cared for Durocs.

Write for a catalog. Please mention Kansas Farmer. Address
N. P. Luganbill, Greensburg, Kansas
Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.

SHORTHORN CATTLE

Annual Shorthorn Production Sale

In Pavilion
**Franklin, Nebraska,
Thursday, March 22**

43 of our own breeding, mostly Scotch, 12 bulls ready for service. 31 females, comprising cows with calves and bred again. Bred and open heifers. Many sired by or bred to the great **GOLDEN KING** and his sons. Write at once for catalog. Everything tuberculin tested.

**Blank Bros., Kleen & Lauer,
Franklin, Nebraska**

Col. A. W. Thompson, Auct.
Jesse R. Johnson, Fieldman.

SHORTHORNS THE FARMER'S CATTLE

Shorthorn cows are profitable milkers and their calves grow into steers that make rapid gains in the feed lot and dress out a high percentage at the market. For information write

**American Shorthorn Breeders Assn.,
13 Dexter Park Avenue, Chicago, Illinois**

POLLED HEREFORD CATTLE

POLLED HEREFORD BULLS & HEIFERS
For sale. Choice breeding. Prices reasonable.
Ernest Lee, Centerville, Mo.

Missouri Purebred Buyers

Have come more into Kansas the past five years than for fifty years before. If you have the goods you can interest them. One big reason is the fact that all Missouri railroads lead to Kansas City, the gateway to this state. But you must use

The Missouri Ruralist

to reach the largest possible number of prospective buyers at lowest cost in proportion to service. It has about four times the circulation of the next largest Missouri farm paper and is read on 100 times as many Missouri farms as the average of the breed papers. No advertising starts to "cover" Missouri on a livestock basis, unless it includes the Missouri Ruralist. Ask John W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, about it, or write direct to

THE LIVESTOCK SERVICE
Capper Farm Press, Topeka, Kan.

RED POLLED CATTLE

Change of Ownership
I recently bought the herd of Red Polls owned by Chas. L. Jarboe, consisting of 23 head. I expect to breed the same high class cattle as Mr. Jarboe started to do. Some young bulls for sale.
NORMAN FLORA, QUINTER, KANSAS

Red Polls, Six Young Bulls
For sale. **IRA LONG, QUINTER, KANSAS.**

A FEW RED POLLED COWS, heifers and young bulls; choice breeding. Farmer's prices. J. R. Henry, Delavan, Kansas.

FOSTER'S RED POLLED CATTLE
A few choice young bulls.
O. E. Foster, Route 4, Eldorado, Kan.

RED POLLS, Choice young bulls and heifers. Write for prices and descriptions. Chas. Morrison & Son, Phillipsburg, Kan.

CHOICE RED POLLED BULLS
Priced to sell.
W. E. Ross & Son, Smith Center, Kansas.

BULLS, STALLIONS, JACKS, Red Polls, Percherons and Mammoth. Good stock; low prices. George W. Schwab, Clay Center, Neb.

ANGUS CATTLE

FOR QUICK SALE
6 Aberdeen Angus bulls ready for service. 14 females breeding age. Must sell in next 30 days. They are priced to sell.
GEO. DIETRICH, CARBONDALE, KANSAS

1902-1923
ANGUS CATTLE—DUROC JERSEY HOGS
Geo. M. McAdam, R. R. No. 3, Holton, Kan.

GALLOWAY CATTLE

2 YEARLING BLACK GALLOWAY BULLS
For sale. Of the famous prize winning herd of H. Craft, Estab. 1893.
P. O. Swartzendruber, Crystal Springs, Kan.

JERSEY CATTLE

High Class Registered Jersey Cows
Exceptional values, young cows 2 to 3 yrs. Some have large register of merit records. Others on test now. Many state Fair winners. Also some good young bulls 3 to 18 mos. old. Inspection invited.
R. A. GILLILAND, DENISON, KANSAS

DO YOU WANT JERSEYS?
If so, write us. We have them in all ages, either sex, one or a carload. Kindly state the number and ages you want to buy when writing. No commission charge to buyer.
KANSAS JERSEY CATTLE CLUB
R. A. Gilliland, Secretary, Denison, Kansas.

JERSEY BULLS FOR SALE
From baby calves to yearlings, all from R. of M. and state class champion cows. Priced right for quick sale. Herd Federal accredited.
Chas. H. Gilliland, Route 1, Mayetta, Kan.

PRINCESS RALEIGH-POGIS BEAUTIFUL
A. A. 517 lbs. fat 327 days, solid yearling bull \$100. Other Pogis Irene calves \$20 to \$50. F. Scherman, Route 7, Topeka, Kan.

JERSEY HEIFERS by grandson of Financial King, whose dam was half sister to Financial Countess Lad.
J. G. Condon, Hiawatha, Kansas.

ter of Uneda Orion Sensation that Mr. Marcey will sell. Mr. Marcey is particularly concerned about selling the fall Pathmaster boars but would consider selling the senior sire and retain one of the fall boars. Anyway, he wants to keep a son of Pathmaster as herd sire but will sell the others that he has on hands. He offers fall boars by a son of Great Orion. Write Mr. Marcey at once about buying one of these boars. Sons of Pathmaster can't be picked up any old time so you had better write at once. Please mention Kansas Farmer.—Advertisement.

W. D. McComas's Duroc Sale

W. D. McComas, Wichita, Kan., will hold a Duroc sale at the Thomas Fruit Farm just west of town on Douglas Ave., Tuesday, April 3. There will be 20 some odd sows and gilts in the sale. Over half of the females will have pigs at side. Watch for advertisement in Kansas Farmer issue of March 24. Write for catalog now. Address Box 455, Wichita, Kan.—Advertisement.

Lugenbill's Combined Shorthorn-Duroc Sale
N. P. Luganbill, Greensburg, Kan., sells Shorthorns and Durocs at his farm near Greensburg, Kan., Thursday, March 29. The 18 Shorthorns and 25 Durocs are a well bred, well cared for lot of livestock and you will find a nice offering at this sale. Read the advertisement in this issue of Kansas Farmer and see for yourself that it will be a well bred offering. Write Mr. N. P. Luganbill, Greensburg, Kan., for a catalog. Please mention Kansas Farmer.—Advertisement.

McMurry Has Prolific Polands

Ross McMurry, Burrton, Kan., has a Poland sow that has farrowed 50 pigs in less than 22 months and raised 36. A gilt out of this sow farrowed 24 in two litters. The tried sows in the McMurry herd farrowed an average of 12 pigs this spring. Herd sires in this herd are Kansas Jayhawk by The Jayhawk, Dunndale Prospect by Dunndale Giant, and Sterling Buster by Wonder Buster. Mr. McMurry has a real herd of Polands and if in need of the prolific big kind you should write him giving your wants. He has nearly all classes for sale. Please mention Kansas Farmer.—Advertisement.

Orion Commander Doing Well for Larimores

J. F. Larimore & Sons, Grenola, Kan., are quite successful in estimating qualities of Durocs. The result has been that they have founded a good Duroc herd and have continually culled out the kind that should go to market and improved their own herd or herds of other Duroc breeders with the breeding kind. They have had good herd sires, sires well and favorably known all over the country, but feel now that their junior sire, Orion Commander by Commander, 1922 Nebraska, Kansas and Oklahoma grand champion, is the best they have ever had. They are well convinced that this boar is siring even litters of larger pigs than have ever been farrowed on their farm. This young boar is certainly a good looking prospect and if Larimores say he is the best sire they ever had, it is just that way and that means that he is some sire because they have had good ones. They are changing their card in this issue to advertise spring gilts bred to Orion Commander to farrow in late March and April. They also announce that they will sell fall boars by Major Sensation Col. Larimores put out good ones. If you need the classes they have for sale you need look no further because they have good ones priced to sell. Please mention Kansas Farmer when you write.—Advertisement.

BY JESSE R. JOHNSON

Big Shorthorn Production Sale

The annual Shorthorn sale of Blank Bros., Kleen & Lauer, Shorthorn breeders of Franklin, Neb., is always looked forward to with great interest by the best breeders and stockmen of both Nebraska and Kansas. This firm always sells Shorthorns bred on their own farms. There are five members of the firm and each member devotes his best talent and energy to the breeding of better cattle. Five farms are devoted to the production of the best and when the time comes for the annual sale every member of the firm puts in the best he has for sale out of his herd and so these sales are truly production sales. This year's sale will be held in Franklin, Neb., on Thursday March 22nd. 43 head will be sold, 12 bulls and 31 females. The offering is largely the get of the great breeding bull Golden King and his sons. Golden King was one of the great bulls of the breed and probably carried more grand champion breeding than any bull of recent years. Two of his outstanding good sons are still in service in the herd. The dam of this great bull Golden Girl, was a daughter of Fair Goods by Choice Goods and his second dam was by the grand champion Imp. Choice Goods, third dam, Golden Abbottsburn, grand champion cow at many of the biggest shows. Her sire was the famous bull Young Abbottsburn. Some are by Ashbourne Reliance, the best son of Gainford Marshall. Ashbourne Reliance goes in the sale. Some by and bred to Supreme Prince, a great young son of Supreme Certificate. They represent the best known Scotch families and sell tuberculin tested and in splendid breeding condition. Everything bred by the firm and fed and handled for the best results. The offering includes cattle good enough to have a place in the best herds in America. If you want good cattle and want to buy from reliable men ask for catalog of this sale. When writing mention this paper. Write direct to the firm at Franklin, Neb.—Advertisement.

The dairy herd on the average farm should not contain more than 15 cows unless labor is very plentiful.

MORE DEMAND IN WESTERN KANSAS

Enclosed find check for amount in full for account in Mail and Breeze Shorthorn Section.

Western Kansas is turning rapidly to Shorthorns. More demand for breeding stock than at any former time. Farmers see the necessity of keeping dual purpose and gentler cattle on small farms.—R. J. Ackley, Motor Route, Holcomb, Kan., February 3, 1923.

HOLSTEIN CATTLE

Net Profit!



Every man who milks cows for a living knows that net profit -- income over labor and feed costs -- determines the value of a dairy herd.

Holstein Herds Assure Net Profit --

through large, economical production of milk and butter-fat, regular crop of healthy calves, greater salvage value from animals after milking days are ended.

Holsteins Will Increase Your Net Profit

Let Us Tell You the Story of the Holstein Cow.

EXTENSION SERVICE,
The Holstein-Friesian Association of America
230 East Ohio Street, Chicago, Ill.

HOLSTEINS

We Offer King Ormsby Segis Vanderkampborn June 13, 1923

a son of Vanderkamp Segis Pontiac; Kansas best proven sire of production, and from an Ormsby dam with excellent 7 day and 305 day records. Write for further information.

The Collins Farm Company, Sabetha, Kan.

SHUNGAVALLEY HOLSTEINS

A 9 months Konigen bull just about ready for service. First class individual, 3/4 white. Dam a grand daughter of King Segis Pontiac that made at 3 yrs., 20 da. 11,980.3 lbs. milk with 534.62 lbs. butter in 305 days. This is one of the nicest milkers you ever saw and the last bull older than 6 weeks.
IRA ROMIG & SONS, TOPEKA, KAN.

Mott's Sale Calendar

Mar. 20—Holstein-Friesian Breeders' Association of Kansas, Topeka, Kan.
Mar. 26—Breeders' sale, Tulsa, Okla.
April 4—Canadian County Breeders, El Reno, Okla.
April 17—W. H. England, Ponca City, Okla.
Nov. 19—Kansas Association sale, Wichita, Kan.
If you want to buy write to Mott
If you want to sell write to Mott
Address **W. H. MOTT, Herington, Kan.**

Registered Holstein Cows and Heifers

Twelve A. R. O. cows, five bred heifers, also two young bulls for sale, sired by and bred to highest record bulls in Kansas. Prices very reasonable.
R. E. STUEWE, ALMA, KANSAS

BONACCORD HOLSTEINS

Have been selling well, but we still have a few cows and heifers to spare; also some choice baby bulls. A purebred, Federal accredited herd. A herd for the discriminating buyer.

LOUIS KOENIG, SOLOMON, KAN.

WINWOOD DAIRY FARM

Young bulls from A. R. O. cows and from 30 lb. sires, also one grandson of King of the Pontiac. Prices right.
WINWOOD DAIRY FARM, Burlington, Kan

BRAEBURN HOLSTEINS

Bull calves for sale; also cows and heifers.

H. B. Cowles, 608 Kansas Ave., Topeka, Kan

REGISTERED HOLSTEIN BULLS

For Sale—Cows and heifers.

B. L. Bean, Rt. 4, Atchison, Kansas

AYRSHIRE CATTLE

Ayrshires

Increase butter-fat and improve conformation of your herd by use of straightback, level lined bull calves from high producing advanced registry dams and sires. Sales list on request.
DAVID C. PAGE, TOPEKA, KANSAS

ROBT. CAMPBELL'S AYRSHIRES

Breeders interested in buying young Ayrshire bulls are invited to ask for particulars. We have Jean Armour and Howie's Dairy King, etc. breeding. Address

ROBT. P. CAMPBELL, ATTICA, KANSAS

GUERNSEY CATTLE

20 GUERNSEYS AT AUCTION

Five Miles Northwest of

Hutchinson, Kan., March 23

Dispersal sale of bred and high grade Guernsey cattle. Horses and farm machinery.

GEO. M. NEWLIN

RANSOM FARM GUERNSEYS

Bulls—Calves to serviceable age by 1919 world's grand champion out of record breaking dams.
Ransom Farm, Homewood, Kansas

When writing advertisers mention this paper

The Shorthorn Breeders of Kansas

15 Splendid Young Bulls

Handled under ordinary farm conditions that insure their future usefulness. The home of Fair Acres Sultan. Marquis, a worthy son, is also in service. L. M. Noffsinger, Osborne, Kan.

Bulls by Rothnick Sultan

Four good ones, three are roan, one white. Rothnick Sultan was first in aged bull class at Beloit, 1922, and senior grand champion.

Huber & Fleming, Meriden, Kansas

SUCCESSOR TO H. E. HUBER
Young bulls by our herd bull, Imp. Imperator by King of Diamonds, dam Village Queen.

Cedar Heights Stock Farm

Four choice Scotch bulls. Reds, white and roan. A limited number of richly bred females (Rural Dial 29) 299-NL.
HARRY T. FORBES, Rt. 8, TOPEKA, KAN.

H. H. HOLMES, TOPEKA, KANSAS

Breeder of Better Class Shorthorns—The herd that produced Lady Supreme, 23 times champion; the \$2000 Sweet Blossom and Honor Maid 4th, a Junior champion in 1922. Inspection invited. Choice cattle for sale.

1886 Tomson Bros. 1922

A remarkable collection of breeding cows of approved blood lines noted for their uniform thick fleshing qualities. Some very choice young bulls.
Tomson Bros., Wakarusa, Kan., or Dover, Kan.

Sunflower Shorthorns

Herd headed by Golden Laddie, son of Maxwellton Rosedale. 10 bulls from six to 10 months old for sale. Pure Scotch and Scotch topped. Write for prices.
J. A. PRINGLE, ESKRIDGE, KANSAS

FEMALES OF SCOTCH BREEDING

in ages from six months old heifers to cows with heifer calf at foot. We invite you to visit our herd.
S. B. AMCOATS, CLAY CENTER, KANSAS

ELMHURST SHORTHORNS

The kind that pay the rent. Something always for sale.
W. J. SAYER, MANHATTAN, KANSAS

W. J. & O. B. Burtis

Farm four miles west of Manhattan on Golden Belt Highway and Interurban line. We offer two young Scotch bulls, a few bred cows and heifers. Herd under Federal supervision. Visitors welcome.

Crystal Spring Farm Herd

of over 100 registered Shorthorns. Young cows and heifers for sale at attractive prices. Young bulls of Sultan and Villager breeding for our fall trade.
Thee. Olson & Sons, Leonardville, Kansas

Bluemont Farms, Manhattan, Kan.

offer a big, rugged, heavy boned, roan bull calved May 21, 1921, sired by Maxwellton Pandango, out of imported Beaufort Rosaline.

HENRY B. BAYER, MANHATTAN, KAN.

Stonehaven Farm is three miles S. W. of town on main highway and Interurban line. We can supply choice Scotch and Scotch topped bulls, cows and heifers.

Rose Hill Shorthorns

Pure Scotch and Scotch topped (accredited herd). Choice young bulls, 20 females. Herd headed by \$1000 International bull, Linwood Topsman, double grandson of Avondale. W. H. Molyneux, Palmer, Kansas.

Scotch and Scotch Topped Shorthorns

But 80 per cent of the herd is of pure Scotch breeding. One of the strong herds of the state. Visitors welcome at all times.
R. W. DOLE, ALMENA, KANSAS

DECATUR CO. BREEDERS' ASS'N

Harry M. Roberts, Selden, Kan.

Quality Shorthorns. A 12-month-old Marr Clara bull calf, also a Marr Goldie January calf. Also a few very choice Poland China spring boars. Write today and address as above.

Two Pure Scotch Bulls

Both roans, one a Cruickshank Violet and the other a Cruickshank Victoria. Nine and 11 months old. Splendid young bulls.
WARNER J. MARVIN, Achilles, Kansas

MORTON'S PUREBRED STOCK FARM

OBERLIN, KANSAS
A few good, low down, beefy bull calves for sale sired by a great grandson of Avondale. Reasonable prices. Chester White boars on approval. Address as above.

Victoria's Baron 2nd

A pure Scotch heading our herd of nearly all pure Scotch cows. Duroc spring boars by a son of the 1920 World champion Pathmarker.
VAYROCH BROS., OBERLIN, KANSAS

MILLER BROS., DANBURY, NEB.

Village Knight 2d by Imported Lovely Knight, a pure white bull, heads our herd.

SHORTGRASS BREEDERS' ASS'N

A. SLAVEN & SONS, SELDEN, KAN.

Choice Sultan at head of herd. 50 head in herd. 10 choice young bulls for sale.

A.B. Shoemaker & Sons, Lucerne, Ks.

Herd headed by grandson of Cumberland's Types. Also registered Durocs and Chester White hogs.

FOR SALE—COWS AND HEIFERS

Also some young bulls, reds and roans.
A. C. SMITH, JENNINGS, KANSAS.

RIVERVIEW FARM Shorthorn Cattle

Headed by Baron Tommy and Sultan bred cows. Duroc hogs headed by Sensation Chief and Red Raven Jr. T. F. Stout & Sons, Studley, Kansas.

SILVER SPRINGS STOCK FARM

Polled Shorthorns, headed by Sultan's Heir, a grandson of Roselawn Marshall and Double Sultan. Nothing for sale. J. A. Miller, Quinter, Ks.

LANCER, MY NEW HERD BULL, 2 yrs.

Dark roan, 1900 pounds and good. Large, dark R. C. R. T. Red cockerels, \$2. Laying strains. Elmer S. Graham, Quinter, Kan.

A SON OF VILLAGE MARSHAL

heads our federal accredited herd of pure Scotch Shorthorns. Farm located near Muscotah where visitors are always welcome.
ROBT. RUSSELL, MUSCOTAH, KAN.

BIG FIELD FARM SHORTHORNS

An exclusive pure Scotch herd headed by the great show and breeding bull, Rosewood Pride. Herd government tested. Write your wants. Poland China bred sow sale February 3, 1923.
T. J. Dawe & Son, Troy, Kansas.

INTRODUCING AN ALL SCOTCH HERD

headed by Lavender's Diamond by Diamond Emblem. Two very choice young bulls for sale ready for service. For descriptions and prices address, E. A. Myers, Troy, Kansas.

Scholz Bros., Huron, Kan.

Springdale Stock Farm herd headed by Imp. Rosewood Stamp. Bulls of serviceable ages by him and cows bred to him for sale.

Our Farm Near Lawrence

The home of good Shorthorns. Two bulls, 10 and 12 months old. When in Lawrence call at our office.
HASFORD & ARNOLD, LAWRENCE, KAN.

WILDWOOD STOCK FARM

50 females. Herd headed by Armourelle and Fair Baron. Always something for sale.
ASHER & ALLISON, LAWRENCE, KAN.

Ten Choice Yearling Bulls

Reds, Roans and White. Mostly pure Scotch. 20 very choice females, including cows with calves at foot and nice young heifers.
E. A. CORY & SONS, TALMO, KANSAS

Young Bulls and Heifers

by Lord Albion. My farm joins town on the east and we want to show you our Shorthorns when you are in our vicinity. Address, E. A. Campbell, Wayne, Kansas.

QUALITY RATHER THAN NUMBERS

Always something to sell. We like to show our Shorthorns to interested parties and will be glad to hear from anyone needing stock. Address, E. B. Donham, Talmo, Kansas.

Meall Bros., Cawker City, Ks.

New Buttergask Shorthorns. Headed by Lavender's Marshall 856495. Males and females for sale.

A. A. Tennyson, Lamar, Kan.

I have for sale six bulls, breeding ages, by my herd bull, Clara's Type. Also cows and heifers to reduce my herd. 100 head in herd.

Sires That Have Influenced Kansas Herds—20



MATCHLESS DALE 291609

It is not often that a highly bred bull rides to fame on his record as a sire of steers. It perhaps is unexampled that such a sire should attract the attention of the buyer best fitted to prove the qualities indicated by his work in a farm herd.

Matchless Dale, the bull of this distinction, was one of the early sons of Avondale, sold in a dull time when bulls were hard to move, to a farmer near Mansfield, Ohio. The steer calves which that farmer marketed led Carpenter & Ross to trade him another bull for Matchless Dale. Back in his breeders' hands he was fitted moderately, and won second at Ohio State fair and fourth at the International, before being put in the association sale held in connection with the latter show. Here he was bought at \$400 for the Kansas Agricultural College. While the cow herd maintained at that institution was not large, it was a herd of real producers and the policy of making show steers of many of the bull calves, and developing the heifers along practical farm lines gave Matchless Dale an opportunity that was unique. Soon he had a daughter in the advanced registry for milk production and a son in the championship class of national shows, a record to which he probably holds exclusive title. In fact, no bull of any breed has sired so many prize winning steers in the single animal classes.

The list of famous steers by Matchless Dale, includes College Dale that won, while in the calf class, first at Topeka, Hutchinson and the American Royal; first and reserve champion at the International; first, champion, and grand champion at the Western National Live Stock Show, Denver. The prevalence of foot and mouth disease kept him from showing as a yearling but as a two-year-old he again, won

YOUNG BULLS FOR LIGHT SERVICE

And about 25 bull calves. Also some desirable young females. Real calf club material. Come to Abilene. Address
C. W. TAYLOR, ABILENE, KAN.

DR. BARKEY'S ACCREDITED HERD

Young outstanding show heifers and bulls by the grand champion REALM'S COUNT 2nd. A superior herd but those for sale are priced right. DR. W. C. BARKEY, Lenexa, Kansas.

Wilmont Auditor, Jr. Champion STAFFORD CO.

Two bull calves for sale sired by Secret Lad. Dams by Missie's Last and Watonga Searchlight.
G. D. HAMMOND, ST. JOHN, KANSAS.

J.P. Ray & Sons' Herds in Kan. and Okla.

Headed by Cumberland Hero by Cumberland Diamond and Missie's Sultan 2nd by Missie's Sultan. Sale Feb. 20. Write Guy Deley, Mgr., Hooker, Okla., or J. P. Ray & Sons, Lawton, Kansas.

A Large Well Bred Western Kansas Herd

Dams mostly by Avondale Villager by Augustine and Whitehall Gloster by Fond Memory. Junior sires are Emblem Marshall by British Emblem and Medley by Maxwellton Wanderer. Offering cows, heifers, bulls and young stock. Robert J. Akeley, Holcomb, Kan., Motor Rt.

The Oldest Shorthorn Farm in Linn Co.

Dams mostly by Searchlight, Orange Lad, Orange Major and King's Choice. Herd sire, Vinewood Baron. Offering a number of nice bred heifers, yearlings, and calves. Priced to sell. Write A. M. Markley, Mound City, Kan.

Cumberland Diamond—Villager's Champion

These sires head the herd. Dams from popularly bred Scotch families as well as some from milking strains. Heifers, bulls, cows and young stock for sale.
E. L. STUNKEL, PECK, KANSAS

Good Reliable Breeding Shorthorns

Imp. Kinchtry Ensign at head of herd. Dams by Lavender Stamp out of popularly bred Scotch dams. A Lavender Stamp yearling bull and some Scotch topped females for sale. F. X. KELLY, GARDNER, KAN.

THE FOUNDATION KIND

Senior sire, Rosedale Secret by a son of Whitehall Sultan. Junior sire, Roan Acres Sultan by 2nd Fair Acres Sultan. Dams, Dainty Dams, Wimpie, Some-pareil, etc. Scotch and Scotch topped females and youngsters for sale. F. W. Wilson & Son, Wellsville, Kan.

KELLERMAN'S SCOTCH SHORTHORNS

BRAVE MARSHALL at head of herd. Campbell Bloom dam. Weighed 900 lbs at nine months.
G. F. KELLERMAN, MOUND CITY, KAN.

Dual Shorthorns

"Record of Merit" cows \$450. Untested cows, heifers and serviceable bulls \$100 to \$150. Herd headed by White Goods, the greatest sire of R. M. daughters. Federal accredited. J. W. HYDE, ALTOONA, KAN.

first and championship at all the shows mentioned above, except the International, there being no International that year. He was never defeated in class. Then came Merry Dale, champion Shorthorn, American Royal and International and reserve champion two-year-old over all breeds; Barmpton Dale, first at the Royal and Western National. As a calf and as a yearling first at the Royal and International and reserve champion yearling for all breeds; Archer Dale, second at the Royal and first and reserve champion at the Shorthorn International; Envious Dale, second at the Royal, International, and Western National as a calf and as a junior yearling first at the International. Of course these steers won firsts and championships in many lesser shows.

While Matchless Dale steers were winning fame the cows of the Kansas College were attracting attention for their production of milk and good calves and as a result a waiting list soon was made up of men who insisted on having bulls by Matchless Dale and out of these cows. As offers around \$1,000 for such bulls were not unusual it seemed the part of good finance to curtail the production of steers, and the piling up of fat stock show laurels likewise was curtailed. Several of such bulls went to the Pacific Coast altho Kansas buyers were given a preference. One bull, August Dale, went at \$1,000 to Central Missouri; three or four went to Oklahoma and Texas; about as many went to Colorado and Utah, and about 20 went to Kansas herds, chiefly where improved milk production was being sought.

Matchless Dale, as the picture indicates, was a large red bull, not showy, but with very few faults of conformation, the best disposition, an especially easy keeper for a big bull and both well and evenly fleshed. It has been noted that one daughter, Matchless Queen, made a record of 8730 pounds of milk with ordinary care, although she never even had been milked regularly until her sixth year. Her dam, however, was a heavy milker, so it gives a better idea of his work as a sire of females to say that uniformly they were good brood cows, similar in type to the good daughters of Avondale, but not in any sense dairy cattle as we think of such.—T. W. Morse.

Choice Heifers

Open or bred. Herd sires: (Imp.) FANCY COMET and CHALLENGER'S KNIGHT K. Bulls of serviceable age all sold. Write us about these heifers. H. I. Gaddis, McCune, Ks.

BULLS AND CALVES

Scotch and Scotch topped bulls and calves. Nicely marked. Some bulls old enough for service. A number sired by Fair Acres Jr. THEO. JAGELS, HEPLER, KAN.

1894-Nevius Farms Shorthorns—1922

Females of best Scotch families. Young herd bulls by Golden Search by Searchlight, and Brave Sultan. Priced right.
C. S. NEVIUS & SONS, CHILES, KANSAS

R. M. Anderson, Beloit, Kan.

Milking Shorthorns, headed by Glenrose Lad 566412, the best Dairy Shorthorn bull in the west. Must sell him. Write for price.

Cloverleaf Herd of Shorthorns

A herd of pure Scotch Shorthorns headed by Baron Dale by Diamond Dale. Scotch cows and heifers for sale. Farm four miles west of Summerfield on the Nebraska-Kansas line. Write for prices and descriptions.
G. F. HART, SUMMERFIELD, KANSAS.

HEAVY MILKERS OF BEEF TYPE

Practical Farm Shorthorns in fact is our aim. Several outstanding young herd bulls by Villager Magnet 448986 for sale.
Fred Abildgaard & Sons, R. 6, Winfield, Kan.

HEIFERS AND BULLS

By Imp. Bampton Dramatist, out of Scotch dams, a number of which are imported. Write or visit our herd.
D. WOHLSCHEGEL & SONS, Harper, Kan.

RUGGED FARM BULLS

At farmer prices. FAVORITE by Cumberland Type heads the herd and giving fine results. Accredited herd. Write us.
FRED MANINGER, HARPER, KAN.

WHITE'S WELL GROWN SCOTCH BULLS

Dark Roan Sept. 2-year-old; light roan May yrng; Nov. yrng; Jan. yrng; Feb. yrng. Priced reasonably. Federal accredited herd. 60 day retest if desired. You'll like these bulls.
C. H. White, Burlington, Kansas.

Emblem Jr., Noted Son

of imp. British Emblem heads my Shorthorns. His choice sons and daughters now for sale.
E. S. DALE, PROTECTION, KANSAS

ALFALFA LEAF FARM SHORTHORNS

A herd of choice bred, thick fleshed, early maturing Shorthorns. Herd headed by MAXWALTON MANDOLIN. Herd is federal accredited. Young stock for sale.
JNO. REGIER, WHITEWATER, KAN.

Homer Creek Stock Farm

is consigning 5 cows with calves at foot to Lyon Co. Shorthorn sale at Emporia, Kan., March 16. A valuable lot of breeding cows.
CLAUDE LOVETT, NEAL, KANSAS

1910—EUREKA SHORTHORNS—1923

VILLAGE MASTER by Silver Knight and VILLAGE PARK BARON by Imp. Gainford Rothera Prince in service. Both bred by J. F. Prather, Williamsville, Ill. Write your wants or call and see the herd.
Harrison Brookover, Eureka, Kansas.

For Sale 3 Roan Y'rling Bulls

One by Marauder out of dam by Matchless Dale. 2 Scotch yearlings by Cumberland Cup.
IVY ALLEN, BURLINGTON, KANSAS

Lowmont Shorthorns—Federal Accredited

Herd bull, Augusta's Archibald by Right Major, out of Imp. Brandy's Augusta 4th, and Merry Omega by Anoka Omega. Young bulls for sale.
E. E. HEACOCK & SONS, Hartford Kansas.

Collynie Bred Shorthorns

Offering Kansas Prince for sale. Have used him for almost 7 years. He has proved a great sire. Also a 2-year-old Scotch bull that is a real bull.
O. O. MASSA & SONS, Coffeyville, Kansas.

KNOX KNOLL STOCK FARM

SCOTCH CUMBERLAND 489200, grand champion 6 strong 1922 county show, heads my federal accredited herd of 50 females. Junior sire, RADDEM STAMP 1024606. S. M. Knox, Humboldt, Allen Co., Kansas.

125 FEMALES OF BREEDING AGE

All bred last spring to Villager bulls. A tuberculin tested herd of Orange Blossoms, Victorias, etc. Scotch and Scotch topped. Nothing for sale now.
WALTER WELCH, MACKSVILLE, KANSAS

MORE IMPORTED COWS

than in any other herd west of the Mississippi. Imp. LOCHDHU VARRIOR at head of herd. Young stock both sexes for sale at reasonable prices. 100 head in herd.
J. C. ROBISON, TOWANDA, KANSAS

LOOKY ACRES SULTAN

By Fairacres Sultan, heads my herd. Most of the dams are on Victoria foundation. Young stock by Looky Acres Sultan and Village Vincent, by Gregg's Villager. Write us. Fremont Leidy, Leon, Kansas.

BRITISH VILLAGER

by British Emblem and out of a Mysie dam, heads the herd. Dams mostly Orange Blossoms, Acornites, Proud Queens, etc. Nothing for sale; inspection invited. ASENDORF BROS., GARDEN PLAIN, KAN.

POLLED SHORTHORNS

Grassland Polled Shorthorns
Young bulls for sale of a very high quality. Also females, either cows or heifers. Inspection is invited. Address:
ACHENBACH BROS., Washington, Kan.

Banburys' Reg. Polled Shorthorns

Some of the best blood of the breed. 10 bulls for sale \$75 to \$500. Public Sale and Bull Show April 20, 1923. Calf Show 1 A. M.
J. C. BANBURY & SONS, PRATT, KAN.

POLLED SHORTHORNS

Increasing in popularity. Cows, heifers, yearling bulls by Forest Sultan and Buttonwood Marshall. A large herd from which to make selections.
C. M. Howard & Sons, Hammond, Kan.

SUNNY SLOPE STOCK FARM

Young stock for sale, either sex, sired by Cumberland Sultan. Good individuals and priced right. Inspection invited.
T. M. WILSON, LEBANON, KANSAS

D.S. SHEARD, ESBON, KAN.

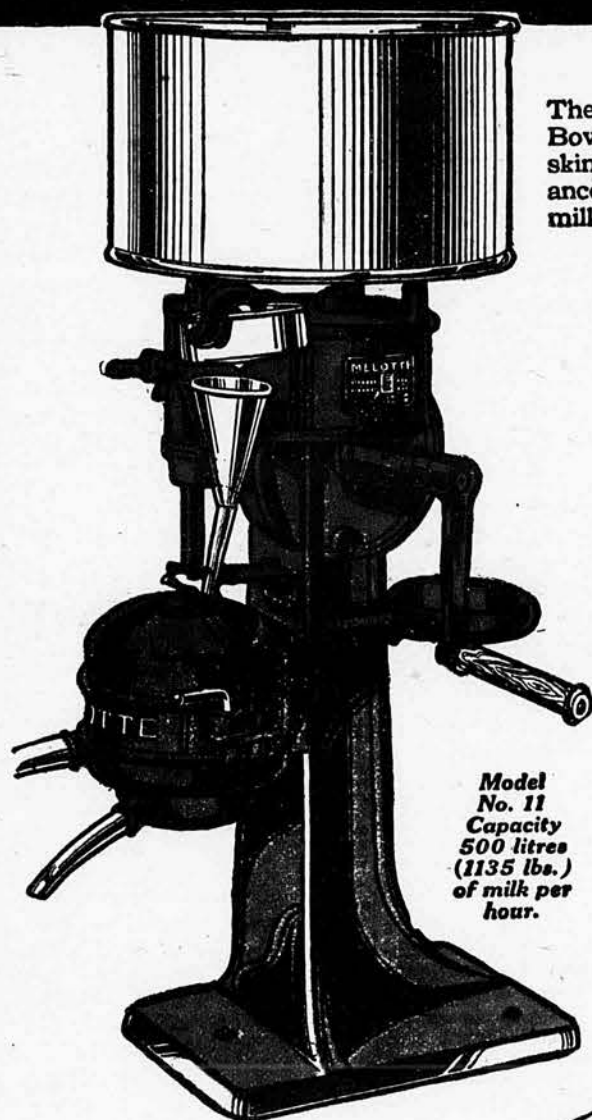
Cows and heifers of the best Polled blood lines. Sultans. Select Goods and Barons. Your inspection invited.

Belgium Melotte

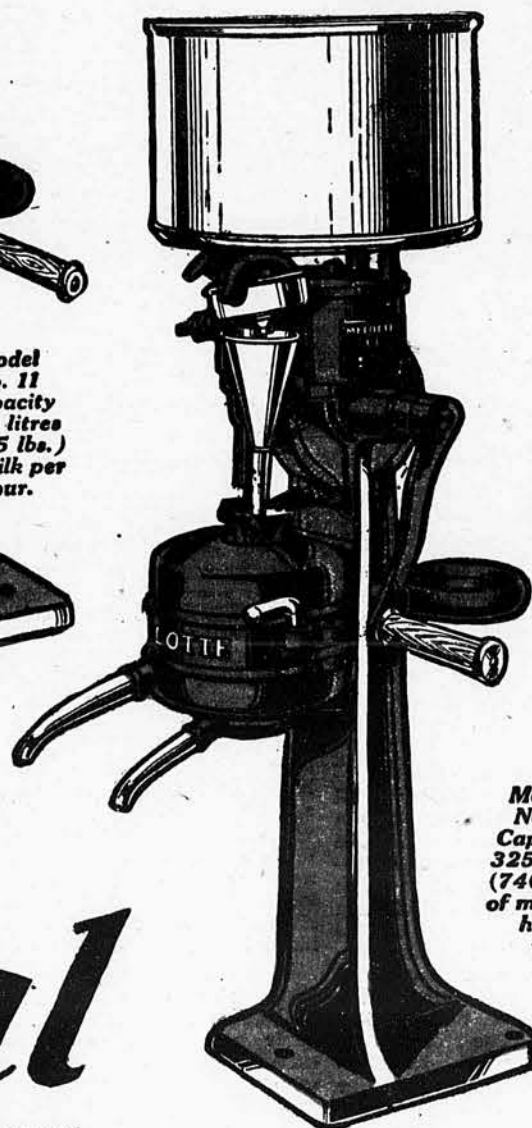
Imported Separator

Self-Balancing Bowl

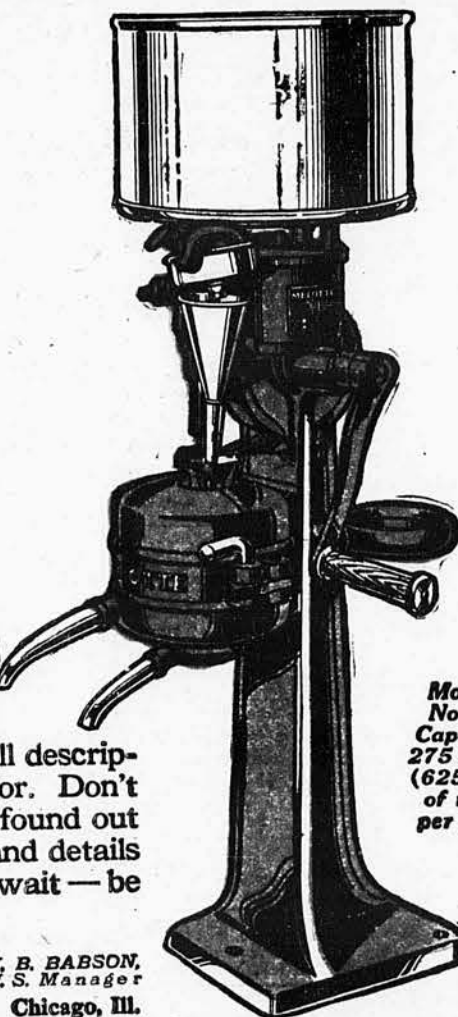
The Belgium Melotte is the only single-bearing-bowl separator ever made. This patent Bowl hangs from one frictionless ball bearing and spins like a top. It is *self-balancing*. It skims as perfectly after 15 years of use as when new. Positively cannot ever get out of balance—cannot vibrate and thus cause cross currents which waste cream by remixing with milk. Send coupon below today. Get the Free Book that tells about this great Melotte.



Model
No. 11
Capacity
500 litres
(1135 lbs.)
of milk per
hour.



Model
No. 7
Capacity
325 litres
(740 lbs.)
of milk per
hour



Model
No. 6
Capacity
275 litres
(625 lbs.)
of milk
per hour

\$ 750

After Trial

We will send an imported Belgium Melotte Cream Separator direct to your farm on 30 days' absolutely Free Trial. Use it just as if it were your own machine. Put it to every possible test. Compare it with any or all others. The Melotte is easy to keep clean and sanitary because it has only one-half the tinware of other separators. Turns so easily that bowl spins 25 minutes after you stop cranking unless brake is applied. No other separator has or needs a brake. After you have tried it for 30 days and you know it is the separator you want to buy, pay \$7.50 down and balance in small monthly payments.

Free Trial

Your choice of any of these three models. NO MONEY DOWN—FREE TRIAL—SMALL MONTHLY PAYMENTS—DUTY FREE. This wonderful Belgium Melotte Separator has been picked by a jury of thousands of farmers—picked by dairy experts throughout the world to be the "king" of all separators ever manufactured. It has broken all records for Efficiency of Skimming, Ease of Turning, Convenience of Operation and Durability. Send coupon below for Big Free Book.

The Melotte Separator, H. B. Babson, U. S. Mgr.
2843 West 19th Street, Dept. 29-73, Chicago, Ill.
2445 Prince Street, Berkeley, Calif.

Without cost to me or obligation in any way, please send me the Melotte catalog which tells the full story of this wonderful separator and M. Jules Melotte, its inventor and hundreds of letters from American farmers.

Name _____

Postoffice _____

County _____ State _____

Write

Mail coupon for catalogue giving full description of this wonderful cream separator. Don't buy any separator until you have found out out all you can about the Melotte and details of our 15-year guarantee. Don't wait—be sure to mail coupon TODAY!

MELOTTE SEPARATOR, H. B. BABSON,
2843 West 19th Street, Dept. 29-73, U. S. Manager
2445 Prince Street, Berkeley, Calif. Chicago, Ill.