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KANSAS SECTION THE CAPPER FARM PRESS

KANSAS FARMER AND MAIL & BREEZE

Volume 61

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Number 10



Howdy Folks



Advertisements are Guides to Safe and Economical Buying of Merchandise

IN THIS department have been discussed some of the interesting and instructive material that appears in Kansas Farmer and Mail and Breeze every week, material that has a wide appeal and that subscribers enjoy reading. But so far we have not said one word about a large amount of material that appears just as regularly and is just as important from the subscriber's point of view.

After Kansas Farmer and Mail and Breeze entertains its readers with its feature articles, serials, news and departments it offers an exceptional service along an entirely different line—a service that functions long after the issue is printed and that will perform at any time it is called on by the reader.

To the farmer who cannot run down to a store any time he so desires but instead must make a trip of several miles, the Kansas Farmer and Mail and Breeze becomes a store itself, with a most complete stock, including practically every article the farmer needs, on display. This merchandise is described in detail and often price information is available.

Now the advertisements in a farm paper are of great value to the readers for several reasons and become more valuable the more often they are consulted. Advertisements are highly instructive. By reading them one gains much information that often may profitably be used. It is wise for folks to keep posted on merchandise because it will aid them in buying more economically and to the best advantage.

It is logical that the advertised article is likely to be the best article. The reason for this is simple. Advertising increases sales and if the article is not a good one and if satisfaction is not given, the manufacturer cannot afford to advertise. So you see that the advertisement is, in a way, a guarantee of excellence. Moreover advertisers in Kansas Farmer and Mail and Breeze guarantee their products and this guarantee is backed by the Kansas Farmer and Mail and Breeze.

Study of advertisements is valuable for another reason. Advertisements are a guide to good merchandise. Naturally the farmer wants to obtain for his money the best merchandise available. By studying advertisements in Kansas Farmer and Mail and Breeze he can get a line on the best merchandise to buy and can ask for this merchandise when he goes to his local store to make his purchase. If he buys brand mer-

chandise he will know just what he is getting.

If his customers ask for merchandise that is advertised the retailer will carry it; in most stores advertised merchandise can be obtained if the customer asks for it by name.

Advertisements in Kansas Farmer and Mail and Breeze keep subscribers informed as to changes in prices. They receive this information promptly and can make the fullest use of it. This is a valuable service.

Livestock, land and classified advertisements are very valuable to farmers and often may be consulted with great benefit. They keep them in touch with the market and afford sources from which they can obtain stock or land desired.

It is not unusual for a new and improved implement or a piece of household equipment to be advertised and by reading Kansas Farmer and Mail and Breeze advertisements the farmer can keep up with such matters to his advantage. If he did not read the advertisements he might buy a machine and discover later that a new model had been brought out selling at the same price, which he would have purchased had he known about it.

But the most important fact about advertisements is that they are guides to safe and economical buying. That never should be forgotten because it means the saving of dollars. No farmer can afford to ignore the service offered by the advertisements in Kansas Farmer and Mail and Breeze.

Nowhere in American life is waste more conspicuous than in our forests and forest products, says the annual report of the Forest Service, United States Department of Agriculture. In all the stages of manufacture there is appalling waste. American business has begun to see the vital importance of better methods of manufacturing and using wood. The Forest Products Laboratory is solving the problem of curtailing waste.

Did you know that the mail man will bring you a wealth of valuable information from your state college of agriculture if you will drop a line to the Extension Service, Kansas State Agricultural College, stating on what subjects you would like to have bulletins?

Purebred animals are superior to scrubs because they mature earlier, have better conformation and quality and are more economically produced.

What Fire Costs Kansas

KANSAS suffered more than 4½ million dollars' loss in 1921, according to National Board of Fire Underwriters. Three-fourths of this waste was clearly preventable. Can it be that residents of Kansas really are not concerned about the persistently mounting cost of living? That, of course, is highly unlikely; yet it appears that, from figures compiled by the Actuarial Bureau of the National Board of Fire Underwriters and made public recently, \$4,540,529 worth of property was burned in this state during 1921; and this is a waste which definitely and substantially affects living expenses.

To this total fire loss every man, woman and child contributed an average of \$2.57, although few probably realized it. It is customary, also, to add to the total 25 per cent for unreported and uninsured losses.

Analysis of the elaborate tabulation published by the National Board establishes the fact that, of the 20 so-called originating causes, "Matches or Smoking" was chiefly responsible for this wastage. Its share of the damage inflicted was \$308,588. Following this came "Lightning," with \$369,915, and "Spontaneous Combustion," to which was attributed \$327,427. Fire prevention engineers consider that fully 75 per cent of the country's permanent fire destruction always is clearly preventable, because to that extent it is due to public habits of carelessness and to ignorance.

Turned to use instead of to smoke, such a sum as Kansas lost in 1921 would have built no fewer than 45 modern, fire-resistant school houses, at an individual cost of \$166,600. Applied, as much of it might have been, to construction of good macadam roads, to erection and maintenance of hospitals or to any one of a score of public works, this amount of money would have served the two-fold purpose of improving conditions and at the same time lowering taxes.

Rough Roads Flatten out under The MONARCH



Just like riding on a boulevard

Here's the Best Selling Proposition Ever Made You

The Monarch levels the bumps and absorbs the shocks. It turns rough country roads into smooth city streets. Your Ford rolls along with an easy, velvety motion. You get limousine comfort with Ford economy.

Men are making ten, twenty and thirty dollars a day selling Monarch Shock Absorbers. Every Ford needs them. Every Ford owner wants them. Put the Monarch on a Ford, drive two miles and the owner wouldn't have you take it off if you charged him twice the price.

Over One Million Fords Have Been Equipped

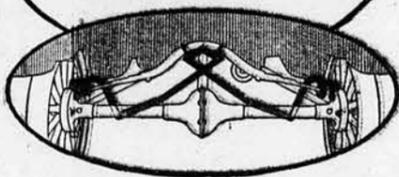
with shock absorbers to date. If you have a little time and own a Ford you can easily sell the Monarch to the hundreds of Fords all about you.

Murphy of Chicago made \$1440 in sixty days. James Walsh, Minneapolis, made \$180 in nine days. The same big and easy profits are awaiting you. The opportunity is yours—grab it!

There is No Risk—No Gamble

Every Monarch is guaranteed—your money back if your buyer is not satisfied. Start to day, right now, and get the easiest money you ever made. Write us at once for our exclusive agency proposition with exclusive territory. If you wait your territory may be closed. Make your application now. Write today for full agency offer and descriptive literature. Address

MONARCH MFG. COMPANY
625C W. Jackson Blvd., Chicago



85 Pound Standard Slate Surfaced Roofing \$2.00 Per Roll



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.

You Can Do The Same! I saved 50¢ a roll, buying my roofing from you.

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

Shipped from Chicago, Kansas City, St. Paul, York, Pa.; Southern, Ill.; or New Orleans, La. (\$3.10 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.

DOG BOOK FREE

32 page book—how to keep your dog well—how to care for him when sick. Result of 35 years' experience with every known dog disease. Mailed FREE. Write today. Dept. 803.
W. CLAY GLENN, V. S.
129 West 24th St. New York

The Famous YANKEE

\$1.50

The Great American Watch

THERE is something truly American about the Ingersoll Yankee. About its sturdy, faithful nature, its fairness in price, its honest good looks. The sound guarantee is characteristic, too. Behind it stands one of the nation's oldest, largest, strongest institutions.

You can be proud to carry an Ingersoll Yankee.

Ingersoll
Models \$1.50 to \$9.00

Keep Musterole on the bath-room shelf

Years ago the old-fashioned mustard plaster was the favorite remedy for rheumatism, lumbago, colds on the chest and sore throat. It did the work all right, but it was sticky and messy to apply and my how it did burn and blister!

The little white jar of Musterole has taken the place of the stern old mustard plaster.

Keep this soothing ointment on your bathroom shelf and bring it out at the first cough or sniffle, at rheumatism's first warning tingle.

Made from pure oil of mustard, with the blister and sting taken out, Musterole penetrates the skin and goes right down to the seat of the trouble.

Order Musterole today from your druggist. He has it in 3oz and 6oz jars and tubes; hospital size, \$3.

The Musterole Co., Cleveland, Ohio
BETTER THAN A MUSTARD PLASTER

Free Kodak Film Developing

Send us a trial roll of film. We will develop the roll and send you a print of each picture—Absolutely Free.

We are anxious for all Kodakers to see our quality developing work, and become acquainted with our fast mail order service.

Send us your next roll. You will appreciate the excellence of our work, and be pleased with our prompt and careful service.

Special Inducement

Clip out this advertisement, send it to us with the names of six of your friends who have Kodaks and we will make you an 8x10 enlargement from your choice film FREE.

MARQUIS STUDIO
Fastest Service in Southwest
Lock Box 906 Enid, Okla.

HIDES FOR LEATHER

Send in any hides you have and get No. 1 oak tanned harness leather made out of same at 25 cents a pound. This is the very best. Send for sample, also catalog No. 99 on tanning hides and furs into Coats, Robes, Fine Furs, etc. All work guaranteed to be the very best.

Kansas City Tanning Company
219 MAIN ST., KANSAS CITY, MO.

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

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Jim Tomson's Stubbornness Paved Way to Success

By Ray Yarnell



Gallant Knight, Famous Tomson Herd Bull

A LETTER, a promise, that was kept altho it was made thru an error and the stubborn insistence of Jim Tomson, then just a youngster, that a certain bull calf be bought instead of another his father preferred, were powerful elements, despite their apparent triviality, in the development of one of the notable herds of Shorthorns in Kansas and the Nation.

The letter was written to T. K.

So Gallant Knight journeyed from Linwood to the Tomson ranch at Dover to become herd bull and to do the pioneer work in building what probably is the premier herd of Shorthorns in the state.

T. K. Tomson was a beef man. He raised and fitted steers for market. That angle of the cattle business was

that probably was why the elder Tomson opposed his purchase while his son, whose interest was centered on type, insisted on taking this calf.

When he started in 1886 Tomson had grade cows and used purebred bulls, operated a cow herd and also purchased steers to graze or finish. Gradually he worked into the purebred business, especially after he took his sons James A. and John R. Tomson into partnership in 1895.

Gallant Knight definitely centered effort on the development of a herd of registered animals. The influence of this bull was notable and was revealed in the first crop of calves he sired. In the show ring his sons and daughters were conspicuous winners. Gallant Knight calves were the first ever shown by the Tomsons.

The blood of this bull no longer is represented in the Tomson herd. He was Scotch with a Bates outcross and the fancy of breeders later turned strongly to Scotch cattle. To follow demand the Tomsons took up more fashionable families than those on which Gallant Knight had registered his influence. But the blocky bull during his 12 years of service laid the foundation on which was developed a nursery that has supplied new and better blood to hundreds of lesser herds thruout the country.

Grade stock was closed out in 1897 and 1898 and before he died T. K. Tomson had built up a herd of 150 registered Shorthorns and had become one of the well-known breeders of the state.

In a stall at the American Royal one year John Tomson found a young bull that took his fancy. He called Jim who examined the animal and

seconded his opinion. The brothers sought out the owner, J. W. McDermott, of Kahoka, Mo., obtained first chance on the bull if he was sold and later bought him.

The bull was Village Marshal and became one of the famous sires in this herd. He was a son of Cumberland Marshal.

"Village Marshal has done us as much good as any bull we ever used," said John Tomson. "He sired a large number of extra good bull calves, among them Marshal's Crown, a bull we are now using."

Barmpton Knight followed Gallant Knight as herd bull and he sired a large number of high class heifers. One of these was the mother of Marshal's Crown.

During the third of a century this herd has been in existence it has exerted a tremendous influence in improving Shorthorn herds in Kansas and other states. Fully half of the stock sold was purchased by Kansas breeders and in a great many instances became the foundation stock on which successful herds were developed. The remainder of the Tom- (For Continuation, Turn to Page 12)



A Group of Registered Shorthorn Breeding Cows Bred and Owned by the Tomson Brothers of Wakarusa and Dover

Tomson by Col. W. A. Harris of Linwood, United States Senator and Shorthorn breeder. Tomson desired a herd bull and Harris described and named three bull calves he offered to sell. Thru an error he included the name of Gallant Knight.

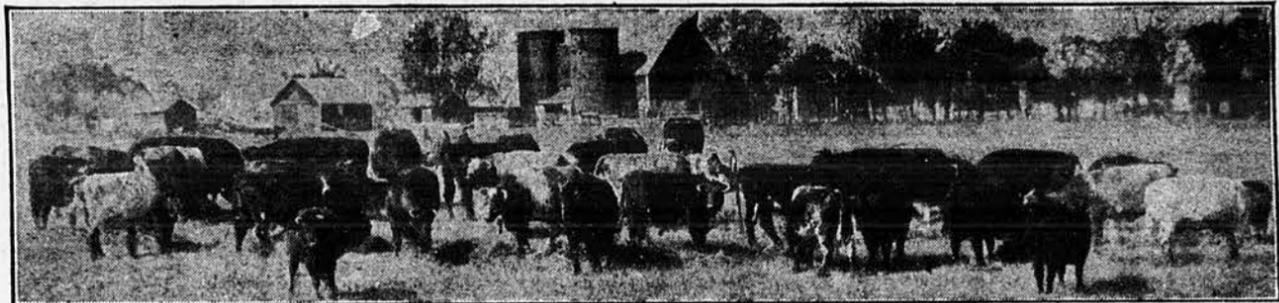
T. K. Tomson and his son Jim went to the Harris farm to make a selection. Jim took a fancy to Gallant Knight. His father liked another calf better. The herdsman told them Gallant Knight was not for sale, that Harris intended to retain him in the herd.

The boy held out and won the argument that was to write Shorthorn history in Kansas. When the decision was communicated to Senator Harris he replied that a mistake must have occurred as he did not plan to sell Gallant Knight. His original letter was produced.

"I made you a price on Gallant Knight," he said after reading it. "The calf is yours if you want him."

the one he knew best and was most interested in.

Then beef men were trying to produce red steers. Range stock was of miscellaneous and mixed colors. Breeders were seeking out dark red bulls. It happened that Gallant Knight was of a pronounced yellowish cast and



Scene on the Farm of Tomson Brothers Near Wakarusa Where One of the Best Purebred Shorthorn Herds in the State Has Been Developed. The Farm is Unusually Well Equipped to Handle Livestock

Testing Pays Big Profits

By R. B. Becker

ADVANCED Registry records annually are worth many thousands of dollars to Kansas dairymen. That statement can definitely be proved. It is not theory. There are very good reasons why it is so. Here are some of them:

Records are valuable in locating high producing cows and good transmitting families, both male and female.

They are used as a basis for selection for breeding operations when purchasing animals from other herds.

They are valuable as a means of breed improvement.

They increase the sale value of both the good producers and their offspring.

They possess a definite advertising value in bringing herds before the public, because the records, when strictly supervised and properly conducted, are accepted as authentic in all states.

The White City Jersey sale October 4, 1922, showed that buyers wish to know the production of animals and

discriminate against them when their producing ability is not known. Especially was this true in selecting bulls to be used as herd sires.

Twelve Jersey cows with Register of Merit records averaging 7,300 pounds of milk and 413 pounds of butterfat averaged \$188 a head. Five untested cows and heifers from Register of Merit dams averaged \$134 each. Ten untested females from untested dams averaged \$125. These animals were very similar in blood lines so these sales prices are a fair comparison. A mature bull from excellent producing blood lines sold for \$195. Three bull calves from Register of Merit dams brought \$71 apiece. One bull calf from an untested dam brought \$20 and another failed to draw a bid. The results of this sale clearly show the value of Register of Merit testing with good Jerseys.

The value of testing Holsteins was brought out in the dispersal sale of

F. H. Bock & Sons at Wichita, November 27, 1922. Ten cows with semi-official records averaging 15,466 pounds of milk and 479.69 pounds of butterfat brought \$395 a head. Nine cows with seven-day records averaging 488.7 pounds of milk and 17.176 pounds of butterfat which is equivalent to 21.37 pounds of 80 per cent butter, sold at \$306.67 apiece. Seven untested cows in milk, from dams with seven-day records, averaging 555.2 pounds of milk and 17.75 pounds of butterfat, averaged \$232.14, while six untested cows brought \$190.83 apiece.

The herd sire was from a cow that produced more than 800 pounds of butterfat in 365 days. He sold for \$225 when 6 years old. Five of his heifers and calves from dams averaging 16,225 pounds of milk and 460 pounds of fat on semi-official test, sold at \$201 apiece. Eleven of his calves from dams with seven-day records averaging 544 pounds of milk and

17.24 pounds of fat, brought \$153.60 apiece. Four of his heifers from untested dams brought \$146.25 a head. The well bred sire, as well as the records of the dams, greatly influence the sale values of these heifers and calves.

Records of this sale were not complete as regards the untested cows but included all except the very plainest individuals which sold for even less money. Mr. Bock was well repaid for being able to show in the ring which were his best producers.

The department of dairy husbandry at the Kansas State Agricultural College, Manhattan, has supervised Advanced Registry and Register of Merit tests on a total of 867 completed records in the state, with many others now under way. This has been a notable achievement, not only for the improvement of the purebred dairy cattle of the state but also in locating the high producing cows from which bulls have been used to increase the producing capacity of the vast number of the grade dairy cows in this state.

<p>DEPARTMENT EDITORS Livestock Editor.....T. W. Moore Farm Doings.....Harley Hatch Dairying.....J. B. Franks Medical Department.....Dr. C. H. Lerrigo Poultry.....I. B. Reed Farm Engineering.....Frank A. Meckel</p> <p>Entered as second-class matter February 16, 1906, at the postoffice at Topeka, Kansas, under act of Congress of March 3, 1879.</p> <p>ADVERTISING RATE 80c 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 advertisement 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.</p>	<p>KANSAS FARMER and MAIL & BREEZE</p> <p>Member Agricultural Publishers Association Member Audit Bureau of Circulation</p> <p>Published Weekly at Eighth and Jackson Streets, Topeka, Kansas.</p> <p>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</p> <p>SUBSCRIPTION RATE: One dollar a year</p> <p>Please address all letters in reference to subscription matters direct to Circulation Department, Kansas Farmer and Mail & Breeze, Topeka, Kan.</p>	<p>DEPARTMENT EDITORS Farm Home Editor.....Mrs. Ida Migliaro Assistant Farm Home Editor.....Florence E. Miller Horticulture.....John W. Williamson Young Folks Pages.....Kathleen Hogan Capper Pig Club.....Raymond H. Gilheon Capper Poultry Club.....Rachel Ann Neiswender</p> <p>No medical advertising accepted. By medical advertising is understood the offer of medicine for internal human use.</p> <p>ADVERTISEMENTS GUARANTEED WE GUARANTEE that all display advertising in this issue is reliable; and should any subscriber suffer 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."</p>
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Passing Comment—By T. A. McNeal

WHAT may prove to be the most far-reaching and important legislation ever passed by a Kansas legislature is the Price bill forbidding the issue of bonds by cities, counties and school districts. This is so radical a departure from the practice of not only Kansas but all other states that it almost makes one gasp. Personally, I am of the opinion that the bill is correct in principle. The logical way to get rid of non-taxable bonds is to quit issuing bonds.

In my opinion it would be of no advantage to the taxpayers to make municipal and school bonds taxable. It would mean that the interest rate on the bonds would be raised high enough so that the bond buyers would be sure that the increase would cover the taxation and it is certain that the margin would be ample to cover the tax. Now it is just as easy to conceal a taxable bond as it is to conceal a taxable mortgage note and we know that millions of dollars' worth of taxable notes are never given in for taxation altho they are taxable. Furthermore, the principal beneficiaries of taxable bonds would be the banks and trust companies which are taxed on their capital stock and surplus and may hold hundreds of thousands of dollars' worth of bonds on which they pay no taxes. It is easy to see that the higher the rate of interest on the bonds the better it would be for the bank. Taxable bonds would be to their advantage.

But if the taxpayers knew that they must pay cash for improvements they would be pretty cautious about contracting for improvements which they do not actually have to have.

A few counties and towns have followed the plan of paying cash for improvements and in every case the result has been satisfactory so far as I have been able to observe.

In 1868 the state of Kansas began the building of a state house on the pay-as-you-go plan. It has cost us approximately 3 million dollars and I do not believe that any state in the Union has gotten more for the money than has Kansas.

If it had been decided to issue bonds at that time the rate of interest would have been high and in all probability the bonds would have run not less than 30 years. Before the bonds were finally paid the people of Kansas would have had to pay more in the way of interest than the principal of the bonds—possibly twice as much. At any rate our state house would have cost us at least 6 million dollars in principal and interest instead of 3 million.

When we quit issuing municipal bonds the money invested that way will go into other investments and probably it will be possible to borrow at a smaller rate of interest. Sometime we will get to the single tax plan and that will result in stopping the holding of land for speculation. It will encourage building and bring capital into the state that never has been here before.

In all probability the Price bill if it passes will be a forerunner to single tax legislation.

A Colorado Chaplain's Prayer

IN A recent prayer the chaplain of the lower house of the Colorado legislature tendered the following information to the Almighty:

"Our courts are corrupt; God has been expelled from our churches; our pulpits are filled with essayists; our boys and girls are going to the dogs; our laboring men are going to work with empty pails, while our farmers starve and the middlemen wax fat on exorbitant prices."

And then the members of the legislature began to get hostile and called the chaplain down. Which suggests the question: Assuming that the chaplain was stating the facts didn't God know about it before the chaplain told him?

Schools and Roads

WE ARE all agreed in desiring good schools and roads," writes F. B. Niles of Olive, Kan. "These absorb 80 per cent of our state, county and local taxes. We have several creditable state schools and in them men and women are being fitted for lawyers, doctors, civil and mechanical engineers and are given special courses of various kinds at great expense to the state. We are told that our university, for example, equips men and women for life work and multiplies their earning capacity several times.

If this is true why not raise the tuition fees so that at least half the expense of maintaining the institution would be met in this way?

"This high tuition would encourage economy; the rich could afford it and the poor should pay for what they get; the burden should fall where it belongs. The cost of the Kansas State University and the Kansas State Agricultural College is five times what it was 15 years ago. In the meantime the incomparably more important com-

seeking for the truth because he thinks he already knows what the truth is.

I have also discovered that in the face of prejudice the facts of history do not stand much show. We have been taught to believe that in both the Revolutionary War and the War of 1812 we simply whaled the daylight out of England. The facts are that in the war of the Revolution the Colonies were in very bad condition and if it had not been for the timely help of France they would have been defeated.

In the war of 1812 our armies on the land were almost continually worsted and the treaty of peace, a very creditable and satisfactory one, was agreed to, not because the British armies on our soil had been defeated but because England had such trouble at home principally on account of Napoleon, that it was to her interest to make a satisfactory settlement with the United States.

But just suppose that a Fourth of July speaker would go out and tell the real truth about these two historic conflicts, I think his speech would be decidedly unpopular because the truth in that case is not what we desire to hear.

Recently I made some comment on the invasion of the Ruhr by France. I plainly stated that I doubted the wisdom of this move on the part of France, but I also said that it seemed to me that according to all the usages of nations France was clearly within her rights and I also said that Germany's cries for sympathy did not greatly appeal to me because it was plainly the purpose of the German government, had it won the war, to make the Allies pay the bill to the uttermost farthing; indeed, the German people were made to believe that their country would actually be enriched by the war as it was by the war of 1870.

About Things in General

IHAD supposed that religious intolerance was dead. I judge from some of the letters I am receiving that I was mistaken. People are not burned at the stake any more on account of their religious opinions but there are people right here in the United States who I am satisfied would revive that custom if they had the power.

Several of the countries in Europe show a death rate in excess of the birth rate. Some of the men connected with the governments of these countries are greatly concerned about this, but why should any mother or father in one of these European countries regret or be criticised because they do not bring more children into the world? It seems to me that any child born in one of those European countries has reason to curse the day it was born.

The other day I met a man on the street who has decided to become a candidate for a city office. I judge however that he does not have high hopes of success, as he tells me that he has not been able to find anybody who agrees with him and has decided to go it alone.

Sydney Smith, who draws the Gump cartoons, is said to receive a salary of \$100,000 a year. And yet there are people who insist that men and women in this world are rewarded according to their merits.

The railroads say that they cannot afford to haul freight and passengers at less rates than they now charge. Now not being versed in the cost of operating railroads I do not know whether this is true or not, I do know this however, freight is being hauled by motor trucks for long distances, moved more promptly and at less cost than it can be moved by rail.

These trucks move over all kinds of roads and generally deliver the goods in good order. It occurs to an outsider that railroads must find a way to move freight as cheaply as it can be moved by motor trucks or be eventually put out of business. It seems incredible however that a modern, well equipped railroad is not able to provide transportation more cheaply and more promptly than an auto truck traveling over roads, some good, some indifferent and some bad.

The average distance traveled by a freight car is less than 30 miles a day, in fact quite a good deal less. That represents the speed of a farm wagon drawn by slow traveling mules. If the average rate of travel a day of a freight car were increased to 60 miles it would certainly decrease the expense of hauling freight to say nothing about the advantage of prompt delivery

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.

mon schools drag along. I say more important because they raise the level of fitness of all boys and girls and safeguard the public against ignorance."

Mr. Niles is quite right, only in my opinion he does not go quite far enough. The state could afford to lend the poor boys and girls enough funds on their own notes to enable them to pay their way thru one of the higher educational institutions, pay their share of the expense of running the institution and at the same time reduce the cost per capita for students below what it is now.

The Futility of Argument

AS I grow older I seem to be more impressed with the futility of argument. Most of us are moved far more by inherited or acquired prejudice than we are by argument backed by facts.

We say that we desire the truth. We really think we mean that. And yet if we are honest with ourselves we will have to acknowledge that we do not really desire to hear the truth unless it happens to agree with our preconceived opinions. If the truth refutes what we already believe it is unwelcome to at least 90 per cent of the people.

I get a great many letters from readers of the papers which I edit or to which I contribute. I like to get these letters. I think I can say honestly that I like to get them whether they agree with me or not. I would be glad to publish many more of them than I do if I could find the space. I have, however, noticed this: When I have written something that pleases the writer of a letter he or she is likely to say that I am a writer of good judgment, independent, honest and fearless, but if the writer happens to disagree with me he is likely to insist either that I am suffering from ignorance or that I have sold out to the predatory interests.

Now I think that nearly all of these critics are honest and where their opinions differ from mine they are just as likely to be right as I am. What I wish to call attention to, however, is that every one of them assumes that he is right. He is not

Sometimes the question is asked, If farming is such a poor business as reported, why does the price of land remain as high as it is? Just now farming is not a paying business but after all there is no form of property that is quite so substantial as good land. That is the reason owners of land are slow to part with it if they are able to hold it.

A man who owns a good farm may not be laying up any money but if he is out of debt and anything of a hustler he and his family cannot be starved to death.

When land was high in price two or three years ago I most earnestly advised those owning tracts of land of any considerable size to sell enough to pay their debts if they had them. A man with 80 acres free from debt is a lot better off nine times in 10 than if he has 100 acres with a mortgage equal to 40 per cent of the value of the entire 100. However I do not think very many took my advice. Men are prone to go in debt when prices are at the top rather than when prices are at the bottom. It is hard to explain why this is so, but it is.

More farmers got in debt when land was selling away above the figure that its reasonable production would justify than got in debt when times were hard and prices below normal. It is a curious fact that prosperity ruins as many men as adversity and probably more.

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.

Damage from Water Course

A and B are neighbors. A dammed a water course on his farm to make a pond. This will make the water back up on B's farm. Is B allowed to do that and can B by law prevent A? N. N. J.

The general principle of law is that a man is not permitted to do that which will injure his neighbor without compensating his neighbor for such injury. I am of the opinion that B would have a right to dam this water course, provided he can do so without injuring his neighbor but that he would not have a right to build such

dam as would back the water up on his neighbor's land and thereby injure him.

Legal Age for Women

I read in your paper several years ago something about a girl's legal age. I understand that a girl's legal age after May 1, 1917 was 21 years and that she could not marry or enter into any legal contract until 21 after that date without her parents' consent. E. R.

You are partly right and partly wrong. Girls now attain the age of majority at 21 just as males do but they have a legal right to marry at 18 without their parents' consent. As to whether they could enter into any legal contract prior to 21 would depend on circumstances. If they are married women they can altho under 21 years old, or if they are doing business for themselves independent of their parents they can enter into a legal contract and so for that matter can a man under 21 years old.

Who Can Answer This?

I wish to ask the readers of the Kansas Farmer and Mail and Breeze whether any of them have had any experience with the knitting machines that are advertised on the market, and to ask them to answer thru the paper or I will pay postage to find out whether the knitters are a success and whether one could make any money by buying one to knit socks for the market. If I could make anything with one I would buy one but I do not like to buy one without finding out something about it. Suggestions will be thankfully received. W. A. Scott. Dighton, Kan.

Building Graveyard Fence

1—Who is required to fence a graveyard adjoining another person's land? 2—If the farmer's buildings should burn and as a result of the fire the tombstones in the graveyard be injured can the farmer be held liable for damages? R. L. B.

1—Our law provides that the owners of adjoining lands shall share in building the partition fence. No exception is made for the association or corporation like a cemetery association, but if this cemetery association should decide to build some other kind of fence than a lawful fence, the adjoining landowner could not be compelled to build his half of the fence. As much as could be required of him would be to build a three-strand barbed wire fence and in all probability the cemetery association would not be

satisfied with this kind of a fence.

2—Unless this fire was the result of some fault on the part of the farmer, that is, if it was a fire which spread from burning grass on his land or something of that kind, he would not be held responsible.

Let us suppose these tombstones are cracked as a result of the heat from the burning buildings on the adjacent owner's land. In that case I do not think he could be held responsible. But if the farmer was burning grass on his land and the fire got away from him and spread into the cemetery and destroyed or injured some of the tombstones, he would be responsible for the damage.

Various Questions

1—A and B are first cousins. What relation are the children of A to B? What is the relationship of the children of A and B? 2—Has Congress ever officially designated legal holidays? If so, what days? 3—What are the state holidays? R. L. S.

1—The relationship of the children of A to B would be what is called first cousins once removed while the relationship of the children of A and B is that of second cousins.

2—Congress has not so far as I know ever officially designated a legal holiday except I think in the District of Columbia over which Congress has supreme jurisdiction. I am not positive about this but I think it has designated as holidays in the District of Columbia the Fourth of July, Washington's birthday, Lincoln's birthday, and possibly others. I am now quoting from recollection and will not say this has been actually done.

3—In the state of Kansas the following are the official holidays: Memorial Day, May 30; Labor Day, the first Monday in September; Washington's birthday, February 22; Lincoln's birthday, February 12; Columbus Day, October 12.

Selling Land in Colorado

A and B are man and wife. A bought two houses and lots, deeded one house and lot to B, the wife. A sold his house and lot and B did not sign the deed. Was the sale legal? Can B sell her house and lot and put A out as B desires to leave A? C. S.

Under the laws of Colorado either of these persons had the right to sell their real estate without the consent of the other. This would not be true in Kansas but is true in Colorado.

Evils a Ship Subsidy Would Bring

Senator Capper Gives Reasons for Opposing the Bill

SENATOR CAPPER addressed the Senate February 26, on the Ship Subsidy bill, opposing the policy proposed in the pending measure. In the course of his address, Senator Capper said:

"Mr. President, the ship subsidy propagandists have declared the farmers are for a subsidy. I have received resolutions and memorials from more than 300 farm organizations and letters from more than 500 individual farmers protesting against the passage of the shipping bill. Not one farmer has written to me in favor of this measure, and so far as I am able to learn no farm organization has gone on record for this legislation.

Farm Organizations Oppose It

"The truth is that the Farmers' Union, the National Grange, the American Farm Bureau, the Society of Equity and every other big farm organization in the country have gone on record against it. Some time ago the Iowa Farm Bureau Federation and the Iowa Farmers' Union polled their membership on the question. The total number of farmers for the measure was 491, the total number against it, 14,000. That shows how strong the farmers are for a ship subsidy. They have fought this un-American policy every time it has shown its head.

"The subsidy propagandists are all things to all men. In the West they tell the farmer a bonus for ship owners will assure him a foreign market. In the East they tell the manufacturer that a subsidized American merchant marine would enable him to sell a 40 per cent surplus of manufactured goods in South and Central America and these ships returning would bring back cheap wheat and meat from Argentina and Brazil, sugar from Hayti and San Domingo, besides coffee, cocoa and raw materials like rubber and tropical woods, whereby these manufacturers would have cheap raw materials and food for their big industrial population on the Eastern seaboard and so be enabled to compete more successfully with Germany and Great Britain.

No Artificial Stimulants Needed

"With this country's advantages in natural resources, and its advantages in machinery and in more efficient, more industrious, and more sober labor, we should be able to compete with the rest of the world without an artificial stimulant like a ship subsidy. But if we are going to use our own raw materials, and these natural resources, we've got to have the farmer, and we can't put him out of business and keep him, too.

"The subsidy propagandists also hold out the

lure of cheaper shipping rates to farmers and manufacturers, altho one of the reasons for asking a bonus for ship owners from the public is because lower rates are made by foreign ships than our American ship owners are willing to meet. Advocates of the subsidy allege discrimination by these foreign carriers against American products. The American farmer's foreign market is mainly in the manufacturing countries of Europe, which are not competitors of the American farmer but are eager for his products. If there is discrimination shown against American products in favor of foreign exports, it would logically be aimed at goods of American manufacture with which foreign countries compete in trade. It is a question whether any serious discrimination is practiced! It has not cut much of a figure in the subsidy debate.

"But suppose we should embark on this subsidy proposition, where would it end? If the ocean shipping business is unprofitable just now so is wheat and potato growing and other kinds of farming. Far sounder reasons could be advanced for subsidizing the farming industry. Samuel Rea, President of the Pennsylvania Railroad, in a letter to the Pittsburgh Chamber of Commerce, makes the point that he sees no reason why the Government shouldn't subsidize the railroads, altho declaring himself personally a disbeliever in the theory of subsidies.

English Subsidy No Criterion

"Reference often is made to the fact that England supports a ship subsidy. The amount all told comes to 3 million dollars a year and is chiefly for mail service. The United States postal department pays our ship owners more than that for mail contracts.

"However, suppose this country should subsidize its shipping, what is to hinder England, Japan and others from soon being at our heels with other subsidizing measures? In a contest of this kind one subsidy would be quite likely to lead to another, possibly our great ship companies hope for something like this to happen.

"One of the clinching arguments of the ship subsidists is, 'If we don't pass the subsidy bill we can't sell these war-built ships.' Suppose we passed the subsidy bill and sell these ships, what will we get for them—200 million dollars. The subsidy would cost us 200 million dollars in three years, or less, and we should only have begun paying it. What is there to that argument? It might be better to sink the ships.

"During hearings on the bill Chairman Lasker of the Shipping Board conceded that the direct charges on the Treasury would amount to \$52-

125,000 a year. This is an underestimate if we consider the probable sum that the bill's exemption from income taxes allows ship owners, and the innumerable indirect aids provided. The subsidy, if enacted, may easily cost the American taxpayer 75 million dollars a year, or 750 million dollars in 10 years. As a consumer of funds and revenue it has unlimited possibilities. On its face it provides for paying a subsidy almost double the total of mail pay, construction bounties, subsidies and subventions paid to ship owners by all other nations combined. Their combined total is only something like 46 million dollars a year.

Nothing But Legislative Iniquity

"Mr. President, in dealing with the Ship Subsidy bill as legislators, it becomes us to consider the facts deliberately from the viewpoint of the general public we are here to serve. Behind its front of fair promises the bill is, in my judgment, a most astounding piece of legislative legerdemain and iniquity. In effect it proposes to tie the hands of this and other Administrations, of Congress and of the public, and to deliver all three bound and helpless to the shipping interests to be dealt with about as these gentlemen see fit. I am utterly opposed to the payment by the Government of a subsidy to any private interest. It is a dangerous principle.

"A ship subsidy would be of decided advantage to the speculators, who are willing to take a chance when the Government puts up the money. But what advantage could it be to the public, which sank 3,000 million dollars in building the emergency fleet during the war, which since has been putting up 50 million dollars a year to operate a small part of that fleet at a loss while the rest of the fleet lay rotting in idleness?

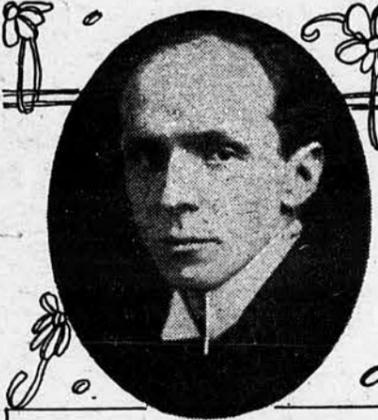
Might Pile Up Immense Costs

"The losses a ship subsidy in all probability would bring on this country cannot be calculated, but I cannot see how the subsidy can do anything more than pile up immense costs against the Government and start an international subsidy war with circles of international subsidies and a very harmful series of raids or attempted raids on the Treasury by industries here at home.

"Why throw good money after bad? Haven't we lost more than 3,000 million dollars of public money in a merchant marine that cannot operate? 'I fully appreciate, Mr. President, the need of developing our merchant marine, but I believe a better way can and will be found than is proposed in the pending measure. Therefore I shall oppose it.'

News of the World in Pictures

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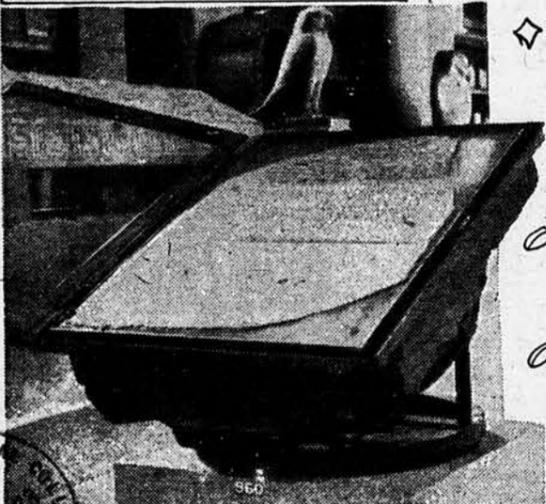
Lord Robert Cecil Who Has Accepted the Invitation of the Non-Partisan Committee of the League of Nations to Visit the United States in the Interests of Its Future Work



This Ice Flivver Recently at Lake Ronkonkoma, Long Island, Made a Speed of 90 Miles an Hour; It is Equipped With an Ordinary Motor Car Radiator Which is Connected With an Airplane Propeller That Forces the Machine Over the Ice at a High Rate of Speed; Mr. Rummel, the Builder, Stands at the Wheel of This Unique Conveyance



This is John R. Mauff, Executive Vice President of the Chicago Board of Trade, the World's Largest Grain Market; in This New Office, Mr. Mauff Permanently Shoulders Tasks Formerly Borne by the President



KANSAS AGRICULTURAL COLLEGE MAR 9 1923

The Famous Rosetta Stone in Its Case at the British Museum in London; It Commemorates the Coronation of the Fifth Ptolemy, 195 B. C., and Was Found Near the Mouth of the Nile in 1799 by Andre Bousnard, One of Napoleon's Engineers



Henry Getty Chilton, Counsellor of British Embassy at Washington, Accompanied by Colonel Kelton of the U. S. Army, and Mrs. William Story of the D. A. R., Places Wreath on Washington's Tomb at Mount Vernon



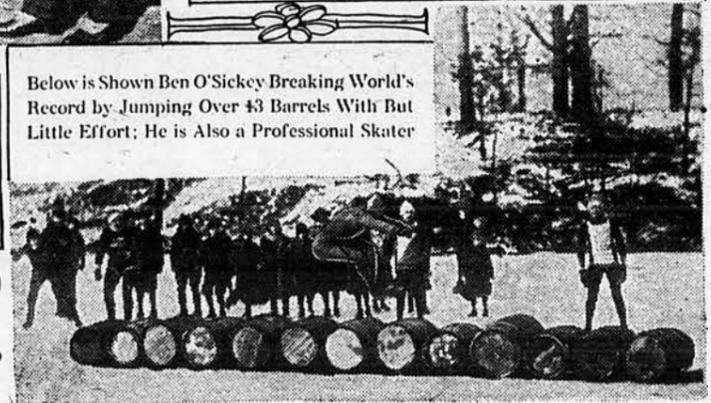
A Farm Flock of Shropshire Ewes and Lambs; They are Contented With Life, and are Making a Profit for Their Owner, Largely on What Otherwise Would be Waste Feed and Unutilized Crops



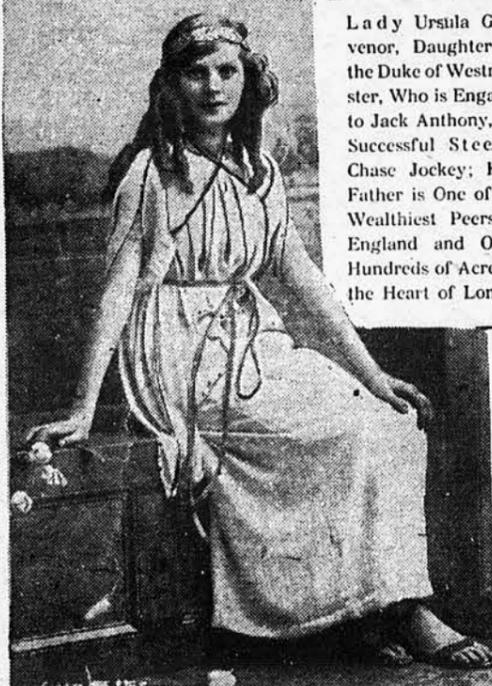
A Busy View in the Seed Laboratory of the Kansas State Agricultural College at Manhattan; This Work is Done for the Farmers of the State, and Helps to Avoid the Losses Caused From Planting Impure, Diseased, or Inferior Seed



Miss Bertha Barnard of Tampa, Fla., Recently Appointed Postmaster at That Place by President Harding; She Will Receive \$6,000 a Year, Which is the Highest Salary Paid Any Woman Postmaster in the United States; Formerly No Women Were Appointed to Such Positions That Paid More Than \$2,500 a Year



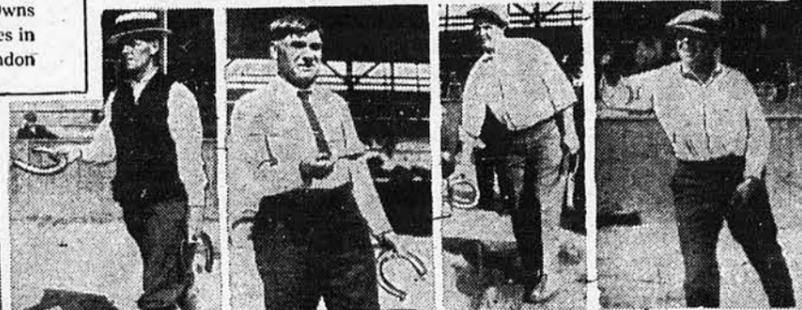
Below is Shown Ben O'Sickey Breaking World's Record by Jumping Over 43 Barrels With But Little Effort; He is Also a Professional Skater



Lady Ursula Grosvenor, Daughter of the Duke of Westminster, Who is Engaged to Jack Anthony, the Successful Steeple Chase Jockey; Her Father is One of the Wealthiest Peers of England and Owns Hundreds of Acres in the Heart of London



Here is a Stylish Three-Piece Sport Suit Made of "Castle Duvene" in the New Cocoa Tan Shade; the Hand Embroidered French Colorings Impart a Touch of Gaiety in Keeping With the Spirit of Sport Life; This Style It is Said Will be Popular This Spring



The "Big Four" That Will Meet in the Finals of the World's Championship; First on the Left is Frank Jackson of Kellerton, Ia., a Real Farmer, 61 Years Old, and Twice Champion of the World; Second on the Left is C. C. Davis of Columbus, Ohio, a Former World's Champion at Horseshoes; Third From the Left is Frank Lundin of New London, Ia., Present World's Champion; on the Right is Ralph Spencer of Picher, Okla., Champion of His Own State

From Corn to Wheat and Beans

By Following a Systematic Rotation in Which a Soil-Building Legume Plays an Important Part, J. W. Thomas is Making Money Farming

By John R. Lenray

CORN as a major crop did not pay expenses on the Allen county farm owned and operated by J. W. Thomas and his father, L. C. Thomas. Wheat did not turn out much better when grown continuously on one field. Rotation was necessary in order to maintain yields.

The Thomases tried a variety of crop combinations. Two years ago they discovered soybeans and they now are embarked on a wheat, soybean, alfalfa proposition, combined with livestock, that looks like a money maker.

Thomas planted his first wheat after soybeans last fall and got an excellent stand, better than usual. The next harvest, if conditions are normal, will give him a test on the value of soybeans as a fertility building crop.

Soybeans Add Fertility to the Soil

Experiments in Allen county, which resulted in an increase in yield of from 7 to 9 bushels an acre on wheat following soybeans, convinced Thomas of the value of the crop in rotation and in building up the soil. He also knew the value of soybeans for seed or feed either for cattle or hogs.

In 1921, 30 acres of soybeans on this farm yielded 300 bushels which sold at \$3 a bushel. The \$900 received from the crop came in handy when fire destroyed the barn, cattle shed and poultry house last spring. Thomas was building a new barn in December and the 1921 crop of soybeans was paying for it.

Last year 100 acres were planted to this legume and 700 bushels of seed obtained. Thomas is selling the crop at from \$2.50 to \$2.75 a bushel.

His cropping schedule now calls for 100 acres of soybeans every year, with wheat to follow in the fall. In this way he can grow one crop of soybeans on all his wheat land, about 400 acres, once in four years. By using manure and plowing early Thomas believes he can maintain a good yield and per-

haps increase his average production with this rotation.

The yield of soybeans, 7 bushels an acre last year, was small. The average is about 10 bushels. Thomas plants from June 1 to 15. The ground is plowed and given one harrowing. The seed is put in with a corn planter. When the plants come up the ground is harrowed. One cultivation with a two row cultivator usually suffices to keep down the weeds, Thomas says. The crop is ready to harvest about September 1, sometimes earlier. Usually the field is clear in plenty of time to plant wheat.

The Thomases are handling 700 acres of which 400 acres are cultivated. Wheat is the principal crop altho alfalfa is an important item and some corn is grown. In the future the wheat acreage will be reduced about one fourth to make room for soybeans.

Early plowing, from July 15 to August 1, made possible by the use of two light tractors, is credited with keep-

ing the yield of wheat up around 20 bushels an acre. The tractors, Thomas says, enable him to prepare the ground rapidly. Wheat ground is double disked before the seed is drilled in.

A sideline the elder Thomas has handled for two years is sweet potato production. From 1,000 plants in 1922 he sold \$90 worth of potatoes. His yield was at the rate of 600 bushels an acre. He also raised and sold considerable fruit.

In addition to producing two big cash crops, wheat and soybeans, this farm supports 25 cattle and a bunch of hogs. Thomas has 25 Shorthorns, purebreds and grades, 15 of which he milks. Calves from registered cows he either is retaining or selling for breeding purposes. The grade calves are vealed. Thomas plans to build up a good sized herd.

He has three registered Duroc Jersey sows. These and the pigs follow the cattle and recover much feed that otherwise would be wasted. They are

very good money makers on this farm.

To this livestock production program soybeans have made a welcome contribution. Soybean straw is relished by the cattle as are the beans. Hogs thrive on a ration of which the beans form a part. Whenever Thomas grows corn, he says, he intends to plant soybeans in the same field and cut the crops for silage or hog them down.

A grain ration for cattle that Thomas has fed with success consists of corn, ground cob and all, mixed with soybeans, 6 parts of corn to 1 part of beans.

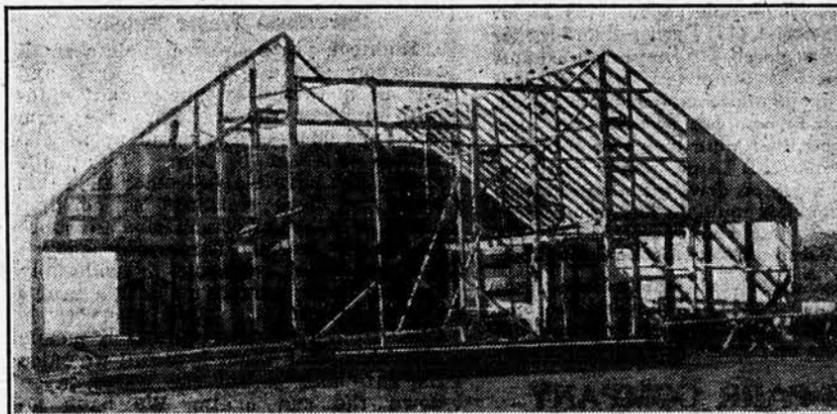
Thomas uses his tractor in harvesting soybeans, pulling a binder and cutting three rows at a time. The beans are bound, shocked and threshed in the field. They cannot be left long in the shock, else they will shatter. Thomas is building his barn so his bean crop may be threshed inside and all the fine straw and shattered beans saved.

New Barn From Native Lumber

The new barn, Thomas said, would cost \$700 not including labor. It is built of native stuff, mostly oak, which was hauled 40 miles on a truck. The building is 40 by 48 feet in size. Across the south side a concrete floor was laid and stanchions installed for the use of cows. Horses are stabled at the north side. The center, from the roof to the floor, is available for the storage of hay and soybean straw, where it is handy for feeding.

In addition to cattle and hogs Thomas has 250 purebred Wyandotte hens which, he says, bring in enough money to pay the grocery bill. He is building a new house for them.

"I am going in strong for cattle and soybeans," said Mr. Thomas, "and I'm sure I can make money out of both. I like soybeans because they are fairly certain in yield and help improve my land, in addition to being the best feed I have gotten hold of. I think every farmer ought to grow some of them. They are profitable when fed to hogs or sheep in the field."



Native Oak Was Used in the Construction of This Barn in Allen County Which Was Paid for By a Crop of Soybeans

Eliminating the Patches

Enduring Quality of Concrete Makes It a Most Attractive Material for Farm Buildings and Reduces Expense of Making Repairs

By F. J. Cuthrough

IT IS surprising how quickly a farm may be dressed up, made more livable and profitable by utilizing the idle hours for building permanent improvements.

To most persons, improvements mean only repairs which implies that a break or a run down condition is patched up more or less temporarily but the word improvement means considerably more than that. It means something better, while "permanent improvement" means something, not only better, but enduring.

By making a permanent improvement, something definite has been achieved. A step has been taken toward raising the standard of the farm as a whole, the effort and expense of which will not have to be repeated again. Each improvement advances the scheme still further, cutting down waste and expense and adding to profits, until all departments are producing their utmost and we have what is known as the model farm.

Improvements Should be Permanent

Whether the model farm idea be the ultimate aim or not, it is always best to make improvements that will last, especially if they can be built at comparatively low first cost, require little or no upkeep and resist the elements. This is why concrete has been so generally adopted for farm improvements of all sorts and why farmers are more and more coming to use it for putting their farms on a profitable basis.

The durability and low cost of con-

crete, its equal adaptability to the tallest skyscrapers and the smallest farm buildings, and the ease with which it can be handled, make it the ideal material for farm improvements.

In every phase of farm activity or improvement, concrete can be used to advantage either for buildings or

other structures and most of these the farmer can carry out himself with the help of ordinary farm labor, and by following a few simple instructions. The larger structures, may require the services of an engineer or architect and the employment of skilled labor.

Many valuable improvements may

be built during an idle hour in bad weather or on days when there is little to take up the time.

For the buildings which the farmer may build himself, concrete block to be used in all types of building may easily be made during the cold weather and used as convenience permits. A most practical building of these blocks is the silo.

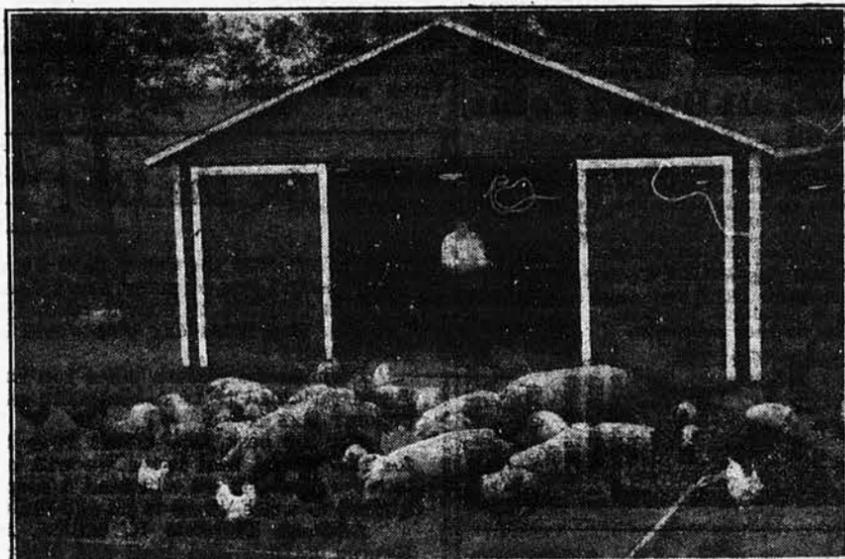
The silo is one of the farmer's greatest money-savers. Dairymen and stock raisers have learned that silage not only increases their profits but takes a large portion of the risk out of their business.

The Block Silo Economical

If built of concrete blocks the silo need not be built all at once but as time and inclination permit. The blocks for it are moulded curved so that when laid up they will produce a circular structure smooth enough on the inside to allow the silage to settle evenly and freely without forming air pockets. If it is not convenient to make this block on the farm it may be purchased from the nearest reputable concrete products manufacturer.

A monolithic silo may be built without contractor or foreman if the farmer himself is competent to direct the work. If a number of silos are to be built in the neighborhood, a saving can be made if those desiring to build them co-operate in buying forms for their construction altho these too, may be home made.

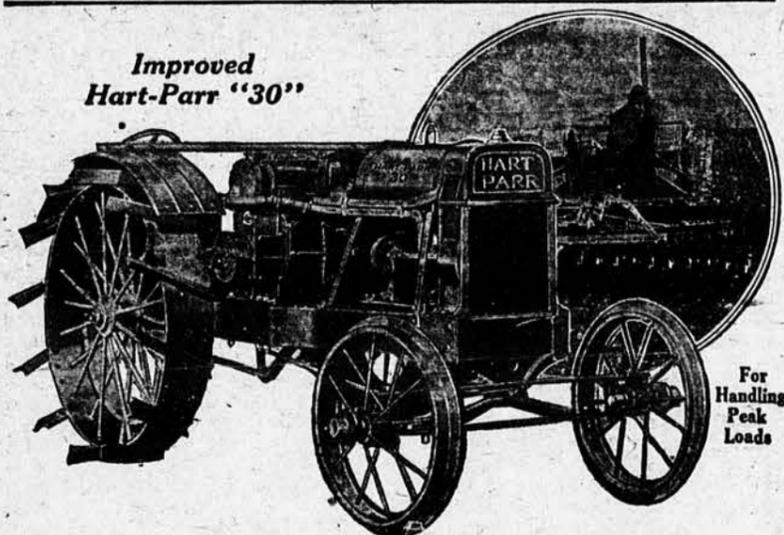
(For Continuation Turn to Page 14)



Feeding Floors Save Feed, Hasten Fattening, and Safeguard the Health of Animals; They are Easy and Inexpensive to Build on the Average Farm

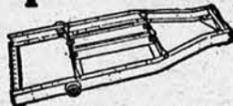
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For Handling Peak Loads

A Time-Tested Tractor with 22 Improvements



The Improved Frame



Many of the old Hart-Parrs that plowed the Virgin Prairies of the Northwest are still in use today after 22 years of service. The great-grand-daddy of all tractors was old Hart-Parr No. 1—built in 1901.

22nd Anniversary 22 Improvements

- (1) Rigid frame of 7-inch rolled steel, (2) Extra rigidity between engine and frame, (3) Cast iron radiator with tubular copper core, (4) Front axle heavier, stronger, more flexible, (5) Improved eccentric rear axle bearings; larger end thrust surfaces; perfect meshing of driving gears, (6) All bearings not lubricated by force feed have Alemite Grease Gun fittings, (7) Steering assembly improved and strengthened, (8) Improved water pump, fan shaft and friction pulley, (9) Gear shift simplified; rigid support for lever, (10) Clutch mechanism improved and simplified, (11) Improved centrifugal governor, (12) Improved intermediate bearing added to differential shaft, (13) Improved automatic throttle action, (14) Motor completely enclosed, (15) Push rod and rocker arm assembly enclosed, (16) Improved exhaust valve springs, (17) Simplified, more efficient kerosene shut and improved exhaust manifold, (18) Re-designed compact transmission case, (19) Simplified fuel pipe line; two compartment fuel tank, (20) Large, roomy platform, (21) Internal gears on drive wheels protected; wheels adapted for multiple lug arrangement to suit any soil, (22) Tractor weight reduced; stronger, more durable construction throughout.

As a thinking farmer you'll want to investigate the advantages of these 22 big Hart-Parr improvements before purchasing a tractor. Write for full details and name of dealer near you.

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POWERFUL STURDY KEROSENE TRACTORS
20 HART-PARR 30
FOUNDERS OF TRACTOR INDUSTRY

LOOK! ONLY 17¢ A Rod Up DIRECT FROM FACTORY

Don't Pay More

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NOW SOLD DIRECT FROM FACTORY TO FARM
New Peerless direct-from-factory selling plan cuts prices on highest quality fence, Gates, Steel Posts, Barb Wire, Faints and Roofing. Prices begin at 17¢ per rod! Think of it! Peerless quality, famous for 25 years, guarantees your satisfaction.
FREE Big 104-page book of Peerless Factory-to-you compare Peerless prices and quality with others. See what Peerless quality means! Note the enormous SAVINGS in PRICE!
PEERLESS WIRE & FENCE CO. Dept. 2409 Cleveland, O. Factories at Cleveland, Ohio; Adrian, Mich.; Memphis, Tenn.

BOYS AND GIRLS—Earn Cameras, Rabbits Raincoats, Fountain Pens
Sell 30 packets of garden seed at 10¢, keep \$1 or select premium. Send for order blanks and FREE premium list.
FOUR STATES SEED COMPANY
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\$1.00 and four \$7.00 payments later
That's all it takes to make you the owner of this handy mixer for concreting on the farm.
ELMCO CONCRETE MIXER
the machine that fills from one side and dumps from the other. Mixes 3 cubic feet per batch. Made with wood or steel barrel. Write now for details of this easy payment offer, and complete description of the ELMCO line of handy mixers.
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Paint is Good Because We Make it Good



Coverall House Paint
\$1.68 to \$1.89 per Gallon
This price represents only one small profit over actual cost. You get full benefit of our huge purchases and quantity production. We sell direct to you, without any middleman's profit.
We challenge comparison both with the quality of our paint and its low price.
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Glass Cloth a transparent water-proof fabric as efficient as glass for hotbeds, poultry houses, etc. Sample 3x9 ft. P.P. \$1. Cat. Free. TURNER BROS., Desk 20 Bladen, Neb.

Jayhawker's Farm Notes

By Harley Hatch

Many Farmers in Southeastern Kansas Sowed Oats in February and Expect Good Stands

THE close of February found quite an acreage of oats sown in Coffey county. The mornings are a little sharp and the ground freezes a little but there has not been enough moisture in the soil to cause much freezing and heaving. On stalk ground there is moisture enough to bring up the oats; on fall or winter plowing the stand will likely be patchy unless rain comes in time. That it will come seems probable as it has always come in the past. On the Jayhawker farm the sowing of oats has not started as we have been busy for a few days installing an engine pumping plant. Had it not been for this it is probable our oats would have been in the ground by this writing.

The field we are to sow in oats was in corn last season but the stalks have been cut and it is all ready for the tractor and the double disk. We plan to sow 22 acres, not that we really need so much land in oats but we wish to rotate the land and perhaps sow some of it in alfalfa. Wheat grows but little; it is too dry and the nights are too cool but it is ready to grow when conditions are right.

Our Farm Water Supply

Eighteen years ago we made a small reservoir and dug a well near it and put in a three-way pump and windmill to force the water to the farm buildings 60 rods away and up an elevation of about 15 feet. In all the years that have elapsed since 1905 this plant has been working; at no time has it been out of commission for more than a few hours. Three years ago we enlarged the reservoir considerably making it big enough to hold a year's supply of water. This reservoir is filled from a neighboring run by means of a headgate; when it is full we raise the gate and permit the water to go down the run again. We have no spillway in this reservoir; when it becomes full the water backs up and flows out thru the run. In this way there is no danger of our dam going out and we do not get the wash to fill the reservoir that we would if it was situated on a water course.

Farmers and Rural Credits

If all the promises of providing more credit for the farmers are fulfilled the sum of them will help them little or none unless this credit can be had more cheaply. It is not the facility for getting more deeply in debt that the farmer desires, but facilities for paying the debts he has already incurred. A lower rate of interest is needed and must be had if farming is to prosper.

The Federal Farm Loan Banks are helping many with their lowered rates and long time. The one matter of financial legislation which has helped the farmers of Vermont more than anything else ever put on the statute books is the law making all obligations bearing 5 per cent interest or less, tax free. I do not know whether or not our Kansas constitution would permit such a law; if not, it should be amended. If we free all mortgages from taxation the borrowers might receive some benefit from lower tax

rates but under a law such as Vermont has they would be sure to have that advantage. A law making all obligations of 5 per cent and under tax free would bring out an immense amount of local money which now goes into bonds and in a short time 5 per cent would be the customary rate.

Today no Kansan living in town can lend his money on Kansas real estate mortgages for 6 per cent and receive 4 per cent clear after taxes are paid and there are some towns in which a 6 per cent mortgage would not net 2 per cent, the tax rate being more than 4 per cent.

Good judges who have seen this Vermont law in operation for a term of years tell me that it has done more to help not only farmers, but all other lines of business, than any other law ever passed. It is reasonable and fair to all and will result in making money available for farmers which now goes into tax free bonds.

New Pumping Equipment

Our windmill and pump have given good service for 18 years and they might run another year but we do not care to wait until they break down before replacing them. It is not pleasant to pump water for 65 head of cattle by hand as we had to do several times last winter on account of a lack of wind and an old pump that does not handle the water it formerly did.

It takes a pump and fittings tight in every joint to send water in a full stream for 60 rods and up a 15-foot elevation and our pump is no longer what it should be. We work it over and make it tight and in a short time another leak develops. For this reason we have dug another well and are now putting in an engine pump and 1 1/2 horse engine as an auxiliary to the windmill. We do not plan on using this auxiliary much until next summer when we will need irrigating water for our 1-acre truck patch and garden.

Windmill Unsatisfactory

This new pumping plant connects to the pipe a short distance from the other well. This pipe to the house is 1-inch in size but under pressure it will carry a great deal of water, enough, we think, to irrigate the garden satisfactorily. We have had a pipe connection to the garden for two years but the windmill seldom runs fast enough to send the required amount of water and just when we need it the most, in the hottest and driest part of the summer, there is seldom wind enough to run the mill at all. So the new plant is mainly for irrigation altho it will be very handy to have what engineers call a "stand-by" in case the windmill outfit fails to provide water for the stock. As soon as warm weather comes we plan to overhaul the windmill plant, putting a new head on the mill and a new pump in the well.

One of the great benefits of county agent work is that it has, thru the development of community programs of work and local committees, awakened a community consciousness that is the foundation of community effort and progress.

\$5 for the Best "It Reminds Me"

WHAT does the cover page on this issue suggest to you? Does it remind you of many hours spent in coaxing your son, or daughter, to practice, or does it remind you of the times when your mother told you that some day you would be glad she had made you stick to your music?

Perhaps the picture takes you back to the time when as a youngster you determined to be a successful accompanist or the community's most popular jazz artist.

For the best "The Cover Page Reminds Me" letter we will pay \$5, for the second best letter we will give a prize of \$3. For every other letter we publish we will send a surprise gift to the writer. Everyone is invited to write, there is no age limit.

Address, Florence K. Miller, Associate Farm Home Editor, The Kansas Farmer and Mail and Breeze, Topeka, Kan. The contest will close March 24.

The Farmiscope

One Form Of Efficiency

Professor Howard Riley of Cornell University, was making a trip thru New York state in the interests of modern home improvements.

After one of the meetings, he was approached by a man who said, "I would like to take you out to see my modern farm. It is only about 6 miles out and I have my car right here."

Professor Riley went along to inspect the man's modern farm. He found all sorts of self-opening gates, patent feed and litter carriers in the barns, the finest of buildings, but upon turning toward the house, he saw the farmer's wife lugging a huge pail of water to the house from the well. This moved the professor to say,

"This is all very fine, but that does not look like efficiency in the household to have your wife lugging a big pail of water up the hill!"

The man reflected a moment and suggested that they go back to town. When they arrived in the village, he went to the first hardware store and bought a yoke, "Now," said he, "the old woman can carry two pails at a time."

A Too-Dark Horse

"Don't you think our friend Crossum might loom up as a dark horse?"

"No," declared Senator Sorghum, "record's too shady. It would require a great deal of whitewashing to qualify him as a dark horse."

Literary, But Not Dry

"What did you discuss at the Literary Club last night?" asked Smith.

"Oh, we discussed Shakespeare and Prohibition, Browning and Prohibition, and Emerson and Prohibition," replied Jones.

Not Like the Gentle Moon

"Was that moonshine liquor your friend gave us?"

"It didn't seem like moonshine to me," answered Uncle Bill Bottletop. "I felt as if I'd been hit by a meteorite."

Beyond Art

"These love scenes are rotten. Can't the leading man act as if he is in love with the star?"

"Can't act at all," said the director. "Trouble is, he is in love with her."

The Kind Desired

No doubt peace hath its victories, but what the world needs is a victory that hath its peace.

Life at It's Highest

Teacher—"What is the highest form of animal life?"

Little Peter (quickly)—"The giraffe!"



Rastus: Sam, youh the laziest man Ah evah saw. What do you-all do awl day?

Sam: Nothin'.

Rastus: Well, how do youh know when youh thru?

Sam: 'Ats a hard question, but what do youh do awl day?

Rastus: Why, I's a fahmer in a candy fact'ry.

Sam: A fahmer in a candy fact'ry?

Rastus: Yeah, Ah milk choc'lates.

Compressed Motion

"What was he pinched for?"

"His father let him use the motor car for an hour."

"Well?"

"He tried to ride an hour in 15 minutes."

It's Different Now

"Huh, Women in politics!" snorted the old-timer. "Makes me sore. I don't believe in petticoat rule."

"Calm yourself. We don't wear 'em any more," replied the modern woman sweetly.

The Eyes of The World Are On



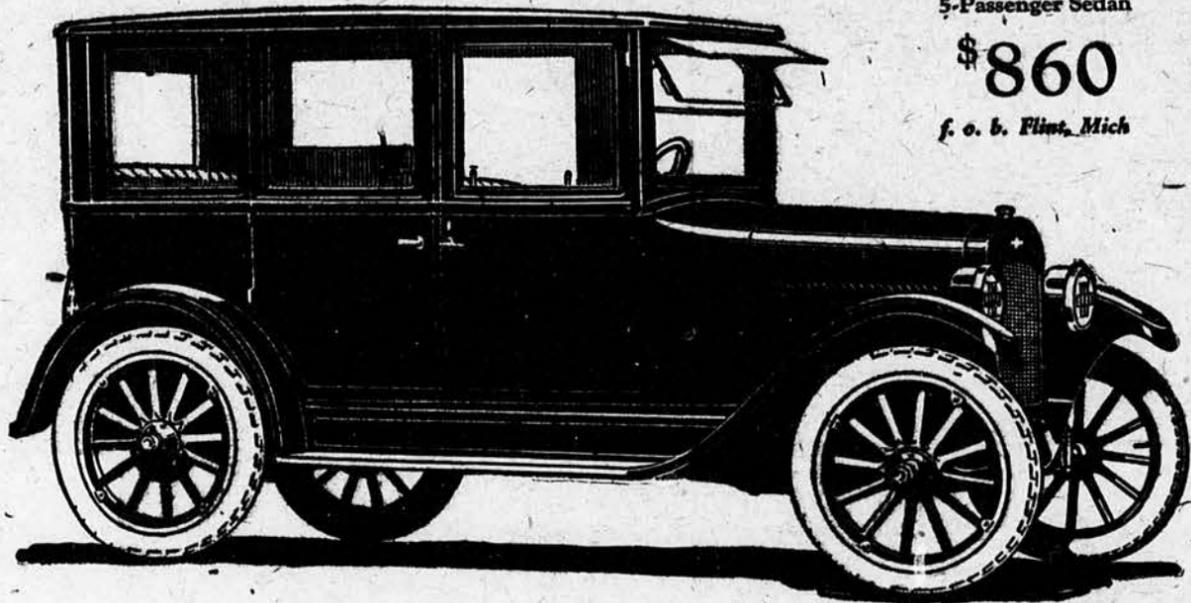
for Economical Transportation.

SUPERIOR Model

5-Passenger Sedan

\$860

f. o. b. Flint, Mich



Holds First Place Among All Show Cars in Number of 1922 Sales

During 1922 the public bought more than 50% more Chevrolets than of any other fully equipped car, giving Chevrolet first place in number of cars sold among all cars exhibited at the 1923 N. A. C. C. Shows.

The remarkable rise of Chevrolet during the last twelve months has proved that the Chevrolet Motor Company has correctly gauged the shift of public sentiment towards the most economical unit of transportation that also meets modern requirements as to quality.

Just count the Chevrolets along the great highways and parked at the curbs of every town and city.

Prices F. O. B. Flint, Michigan.

SUPERIOR Two Passenger Roadster	\$510
SUPERIOR Five Passenger Touring	525
SUPERIOR Two Passenger Utility Coupe	680
SUPERIOR Four Passenger Sedanette	850
SUPERIOR Five Passenger Sedan	860
SUPERIOR Light Delivery	510

Chevrolet Motor Company, Detroit, Mich.

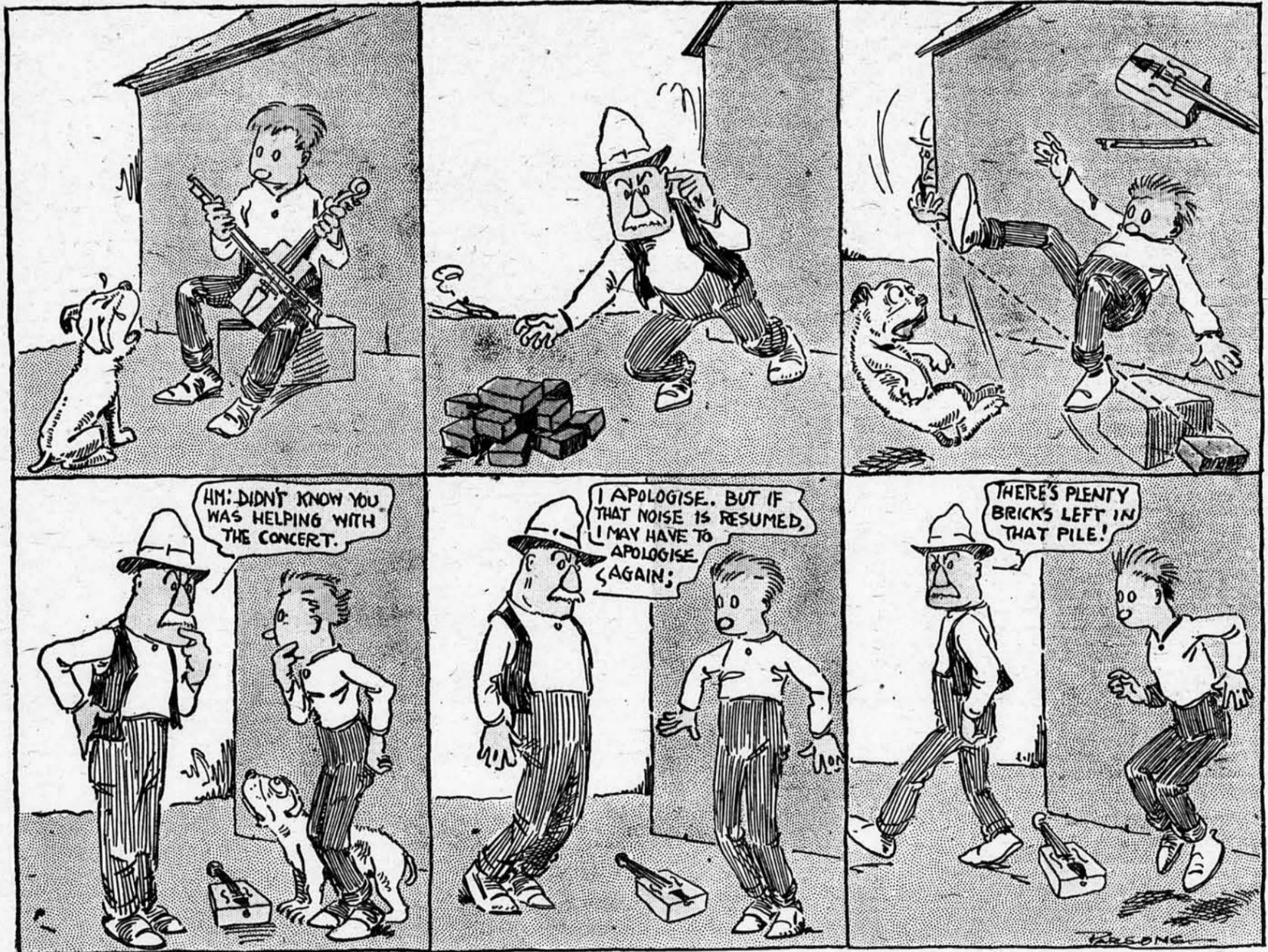
Division of General Motors Corporation

There are now more than 10,000 Chevrolet dealers and service stations throughout the world

Applications will be considered from high grade dealers in territory not adequately covered

The Adventures of the Hoovers

Buddy Finds That His Musical Accomplishments are Not Properly Appreciated and That Dad's Idea of an Apology is Somewhat Disconcerting



Hugo Falls in Love—By Arnold Bennett

A Story of the Glamor and Intrigue of Modern Business Life

(Copyright by F. M. Buckles & Company)

HE WAKENED from a charming dream, in which the hat had played a conspicuous part. "I shouldn't mind having that hat," he murmured.

A darkness which no eye could penetrate surrounded him as he lay in bed. Absolute obscurity was essential to the repose of that singular brain, and he had perfected arrangements for supplying the deficiencies of Nature's night.

He touched a switch, and in front of him at a distance of thirty feet the ivory dial of a clock became momentarily visible under the soft yellow of a shaded electric globe. It was fifteen minutes past six. At the same moment a bell sounded the quarter in delicate tones, which fell on the ear as lightly as dew. In the upper gloom could be discerned the contours of a vast dome, decorated in turquoise-blue and gold.

He pressed a button near the switch. A portiere rustled, and a young man approached his bed—a short, thin, pale, fair young man, active and deferential.

"My tea, Shawn. Draw the curtains and open the windows."

"Yes, sir," said Simon Shawn.

In an instant the room was brilliantly revealed as a great circular apartment, magnificently furnished, with twelve windows running round the circumference beneath the dome. The virginal zephyrs of a July morning wandered in. The sun, although fierce, slanted his rays thru the six

eastern windows, printing a new pattern on the Tripoli carpets. Between the windows were bookcases, full of precious and extraordinary volumes, and over the bookcases hung pictures of the Barbizon school. These books and these pictures were the elegant monument of hobbies which their owner had outlived. His present hobby happened to be music. A Steinway grand-piano was prominent in the chamber, and before the ebony instrument stood a mechanical player.

"I must have that hat," he paused reflectively, leaning on one elbow, as he made the tea which Simon Shawn had brought and left on the night-table. And again at the third cup, he repeated to himself that he must possess the hat.

A Happy Frame of Mind

He had a passion for tea. His servants had received the strictest orders to supply him at early morn with materials sufficient only for two cups. Nevertheless, they were always a little generous, and, by cheating himself slightly in the first and the second cup, the votary could often, to his intense joy, conjure a third out of the pot.

After glancing thru the newspaper which accompanied the tea, he jumped

vivaciously out of bed, veiled the splendor of his pajamas beneath a quilted toga, and disappeared into a dressing-room, whistling.

"Shawn!" he cried out from his bath, when he heard the rattle of the tea-tray.

"Yes, sir?"

"Play me the Chopin Fantasie, will you? I feel like it."

"Certainly, sir," said Simon, and paused. "Which particular one do you desire me to render, sir?"

"There is only one, Shawn, for piano solo."

"I beg pardon, sir."

The gentle plashing of water mingled with the strains of one of the greatest of all musical compositions, as interpreted by Simon Shawn with the aid of an ingenious contrivance the patentees of which had spent twenty thousand pounds in advertising it.

"Very good, Shawn," said Shawn's master, coming forward in his shirt-sleeves as the last echoes of a mighty chord expired under the dome. He meditatively stroked his graying beard while the pianist returned to the tea-tray. "And Shawn—"

"Yes, sir?"

"I want a hat."

"A hat, sir?"

"A lady's hat. Do you understand?"

"Yes, sir."

"Run down into Department 42, there's a good fellow, and see if you can find me a lady's hat of dark-blue straw, wide brim, trimmed chiefly with a garland of pinkish rosebuds: 'A lady's hat of dark-blue straw, wide brim, trimmed chiefly with pinkish rosebuds, sir?'"

"Precisely. Here, you're forgetting the token."

He detached a gold medallion from his watch-chain, and handed it to Shawn, who departed with it and with the tea-tray.

Two minutes later, having climbed the staircase between the inner and outer domes, he stood, fully clad in a light-gray suit, on the highest platform of the immense building, whose occidental facade is the glory of Sloane Street and one of the marvels of the metropolis. Far above him a gigantic flag spread its dazzling folds to the sun and the breeze. On the white ground of the flag, in purple letters seven feet high, was traced the single word, "HUGO."

Huge Force of Employees

From his eyrie he could see half the West End of London. Sloane Street stretched north and south like a ruled line, and along that line two hurrying processions of black dots approached each other, and met and vanished below him; they constituted the first division of his army of three thousand five hundred employees.

He leaned over the balustrade, and sniffed the pure air with exultant, eager nostrils. He was forty-six. He did not feel forty-six, however. In common with every man of forty-six, and especially every bachelor of forty-six he regarded forty six as a mere meaningless number, as a futile and even misleading symbol of chronology. He felt that Time had made a mistake—that he was not really in the fifth decade, and that his true, practical working age was about thirty.

Moreover, he was in love, for the first time in his life. Like all men and all women, he had throught the whole of his adult existence been ever secretly preoccupied with thoughts, hopes, aspirations and desires concerning the other sex, but the fundamental inexperience of his heart was such that he imagined he was going to be happy because he had fallen in love.

"I'm glad I sent for that hat," he said, smiling absently at the Great Wheel over a mile and a half of roofs.

The key to his character and his career lay in the fact that he invariably found sufficient courage to respond to his instincts, and that his instincts were romantic. They had led him in various ways, sometimes to grandiose and legitimate triumphs, sometimes to hidden shames which it is merciful to ignore. In the main, they had served him well. It was in obedience to an instinct that he had capped the nine stories of the Hugo building with a dome and had made his bed under the dome. It was in obedience to another instinct that he had sent for the hat.

Polycarp Was Coming

"Very pretty, isn't it?" he observed to Shawn, when Simon handed him the insubstantial and gay object and restored the gold token. They were at a window in the circular room; the couch had magically melted away. "I admire it, sir," said Shawn, and withdrew.

"Dolt!" he cried out upon Shawn in his heart. "You didn't see her at work on it. As if you could appreciate her exquisite taste and the amazing skill of her blanched fingers! I alone can appreciate these things!"

He hung the hat on a Louis Quatorze screen, and blissfully gazed at it, her creation.

"But I must be careful," he muttered—"I must be careful."

A clerk entered with his personal letters. It was scarcely seven o'clock, but these fifteen or twenty envelopes had already been sorted from the three thousand missives that constituted his first post; he had his own arrangement with the Postoffice.

"So it's coming at last," he said to himself, as he opened an envelope marked "Private and Confidential" in red ink. The autograph note within was from Senior Polycarp, principal partner in Polycarps, the famous firm of company-promoting solicitors, and it heralded a personal visit from the august lawyer at 11:30 that day.

In the midst of dictating instructions to the clerk, Mr. Hugo stopped and rang for Shawn.

"Take that back," he commanded, indicating the hat. "I've done with it."

"Yes, sir." The hat went.

"I may just as well be discreet," his thought ran.

But her image, the image of the artist in hats, illumined more brightly than ever his soul.

The Establishment

Seven years before, when, having unostentatiously acquired the necessary land, and an acre or two over, Hugo determined to rebuild his premises and to burst into full blossom, he visited America and Paris, and among other establishments inspected Wanamaker's the Bon Marche and the Magasins du Louvre. The result disappointed him. He had expected to pick up ideas, but he picked up nothing save the Bon Marche system of vouchers, by which a customer buying in several departments is spared the trouble of paying separately in each department. He came to the conclusion that the art of flinging money away in order that it may return tenfold was yet quite in its infancy. He said to himself, "I will build a shop."

Traveling home by an indirect route, he stopped at a busy English seaport and saw a great town hall majestically rising in the midst of a park. The beautiful building did not appeal to him in vain. At the gates of the

(Continued on Page 14)

How Many Children Have You?



NO matter how many you may have, they'll all enjoy this **En-ar-co Auto Game**. It's **FREE**. There's nothing like it. Nothing so interesting, fascinating, exciting—so full of good, innocent fun.

First the car you enter in the race is ahead—now you may have to go back for En-ar-co Motor oil—again, your opponent may be held up at a railroad crossing while you go speeding on your way—up hill and down, through town and village. You are winning, you think! But wait. You've run out of White Rose Gasoline and must stop for more. And so it goes. Every minute a thrill until the last car is over the finishing line. By all means send for this

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En-ar-co Motor Oil is produced by the most highly scientific process known. That is why its use means scientific lubrication for your motor. En-ar-co Motor Oil guarantees not only uniformity, but the quality to withstand the greatest heat any motor will develop, retaining at all times its friction-preventing, cushioning properties.

The continued use of En-ar-co Motor Oil in your Motor insures less expense for repair bills, longer life for your motor and **more power**.

Ask your dealer for En-ar-co Motor Oil. If he cannot supply you, write direct to us. Do this today. **Use the Coupon below.**



En-ar-co Gear Compound for gears, differentials and transmissions. White Rose Gasoline, clean, uniform, powerful. National Light Kerosene, for tractor fuel, also for lamps, stoves and incubators.

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Send En-ar-co Auto Game FREE. I have never received an En-ar-co Game. (Write your name and address plainly—preferably printed.)

My name is..... St. or R. F. D. No.....
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located at..... cannot supply me. Quote prices on, or ship at once.
.....gallons White Rose Gasoline.gallons National Light Kerosenelbs. Black Beauty Axle Grease
.....gallons En-ar-co Motor Oil.lbs. En-ar-co Gear Compound.

Holstein Wins Kansas Cup

BY R. R. BECKER

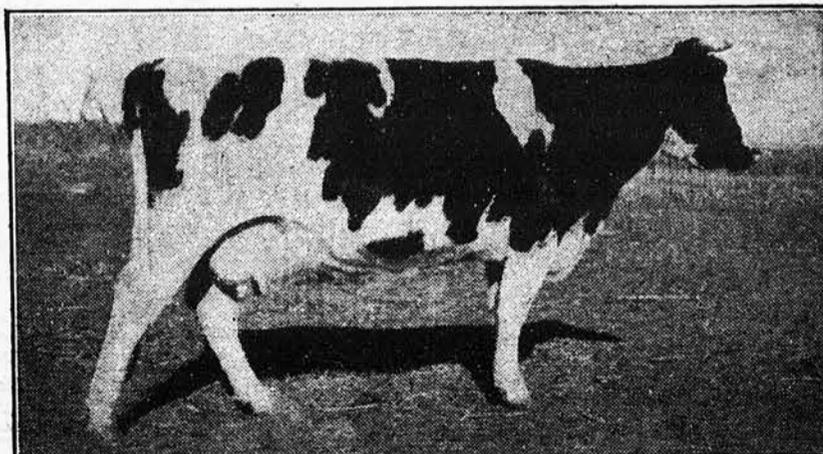
THE silver loving cup awarded annually by the Kansas State Dairy Association to the cow completing the highest butterfat record on semi-official test during the calendar year, was won by a Holstein cow, Little Togus Colantha Korndyke, whose record was 795.82 pounds of butterfat, with 23,883.6 pounds of milk. Togus made her record in the Collins Farm Company herd at Sabetha, starting when 3 years, 6 months old.

Competition for the trophy was especially strong, five Holsteins and one Jersey completing records of more than 700 pounds of butterfat during 1922. Second place was held by Mercedes Julip Walker 2nd, who as a junior 3-year-old made 19,766.7 pounds of milk, 780.48 pounds of butterfat. Julip is owned by Ira Romig & Sons at Topeka. Inka Hijlaard Walker, owned by the Kansas State Agricultural College at Manhattan, ranked third with 19,250.8 pounds of milk, 770.50 pounds of butterfat. Ella Pietertje Abbekerk De Kol, owned by the Collins Farm Company at Sabetha, was fourth with 24,419.3 pounds of milk and 739.00 pounds of butterfat. Countess Aaggie Hengerveld 2nd gave 21,470.9 pounds of milk, 703.34 pounds of butterfat in the herd owned by George Young at Manhattan.

The leading Ayrshire is B. M.'s Bangora Melrose, bred and developed by the Kansas State Agricultural College.

Imp. Donnington Goldie 6th owned by Ransom Farm at Homewood, was the leading Guernsey, making 13,094 pounds of milk and 659.46 pounds of butterfat.

The leading Jersey is Golden Maid's Gamboge's Nora owned by Wallace Sheard at Junction City, who completed a Register of Merit record of 12,332 pounds of milk and 731.15 pounds of butterfat.



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THE OLD RELIABLE LINE

1842-1923



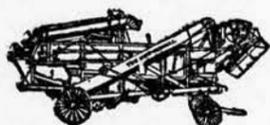
Get a Tractor that's Strong Enough

THIS sturdy Russell 15-30 is a regular glutton for hard work. It will pull three or four 14-inch bottoms—and do the work quickly, just when ground and weather are right for best crops. It will draw your harrows, drag and seeder at one trip over the field. Or pull cultivator, reaper or binder. All this at a fraction of the time and cost by the old horse-and-man-way.

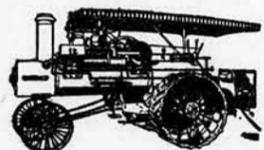


RUSSELL GIANT 30-60. Like the 15-30 and 20-40, it burns kerosene, gasoline or distillate.

It is just the right size to handle a 24 to 27-inch thresher; and will pull an 8 ft. grader over roads that will stall most tractors of equal rating. Yet its flexible, smooth-running motor makes it economical size for all-year farm power jobs such as lighting, hauling, feed grinding, shredding and silo filling.



Made in six sizes, from the 18 x 34 for individual farm and community use to the big 36 x 60; all alike in design and good features.



All sizes of the Steam Traction and Portable Engines now may be furnished equipped with the new Russell Oil Burner and Burn Fuel Oil.

It Does All This—Because

- it's built as strong and true as 81 years of successful experience in farm power machinery can make it;
- it's built to the Russell standard of not how many, but how good;
- its powerful, heavy-duty motor is mounted in direct line with transmission and each of two speeds is operated on direct drive;
- it has heavy channel steel frame hot riveted, to rigidly hold all parts in proper position;
- it has the new auto type steering device; Timken bearings; working parts enclosed and running in oil; handy power pulley and a dozen other features that make the Russell without an equal for all-around power uses.

Get the full illustrated details; send NOW for the 1923 Catalog on Russell Tractors, Steam Engines and Threshers.

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St. Joseph, Mo.

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Silo-Filling Made Easy, The Ronning Way.

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

613-617 Washington Ave. So.

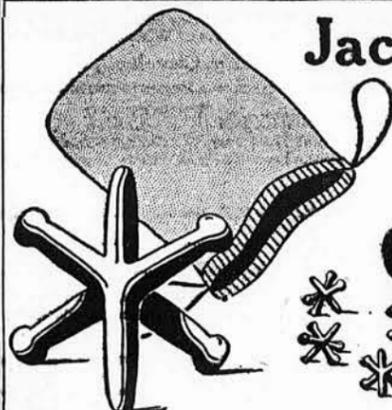
Jacks for the Girls

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 draw-string 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.



Farm News From Colorado

BY E. J. LEONARD

All Farmers in Colorado are Busy Planning Their Work for the Crop Year

THE Farmers' Union Local at Ft. Morgan has named a wide-awake committee on education, headed by Lawrence Larson. This committee consisting of three ladies and two men meets once a month to plan the programs. Among the features are short talks on co-operation, legislative news, state and national, a discussion of some subject on economics, and Union news. The ladies will have one subject devoted to home or community life—music, readings and amusement stunts are mixed up in a way to keep everybody awake. It is believed that these local programs must have features that will interest every one in the family. The half hour at the close devoted to funny stories, contests and stunts of various kinds causes every one to go home happy with a desire to return.

Farmer's Union at School

A novel program was given at the auditorium of the Ft. Morgan High school recently. It was planned by the educational committee of the Farmers' Union in co-operation with the school authorities. The music and entertainment features were given by the teachers and children. In connection Superintendent I. E. Statsman gave a talk on "Our Schools." He had a map of the district comprising 312 square miles. In this there are 25 rural schools beside the graded schools in town. There is a rural supervisor who co-ordinates the work with that in town. R. B. Spencer, the president of the Board of Education, gave an instructive address on how school money is raised by taxation and what is done with it. This is the second meeting of the kind in Ft. Morgan which has been handled by the Farmers' Union. The big auditorium was crowded showing great interest.

Seeking Lower Express Rates

On March 5 the Colorado Utilities Commission had a conference in Denver of express shippers and representatives of commercial clubs. This is preparatory to an express rate hearing to be held in Denver, March 15, by the Interstate Commerce Commission. It is hoped that a better service and lower rates may be made on fruit and other farm products which are shipped in large quantities at one time in the year.

Fruit Along Laterals

Permanent laterals are a necessary part of the layout on an irrigated farm. Often these are along fences. The finest place in the world for weeds to thrive. They don't have to depend on the natural rainfall. Here is all the moisture needed. And so they thrive until the farmer and his scythe appear. Why not utilize these valuable waste places? Many farmers do by planting trees and shrubs.

There is no finer place in the world for fruit trees and small fruit. The room they take isn't missed except by the weeds which will soon be compelled to live in the shade. The young trees will need some care the first year or two for the weeds will continue to thrive until shaded. But the irrigation is automatic and there is no extra work. Are the extra apples, cherries, plums and berries worth the effort? If so do it now. It's that time of the year and it doesn't take long.

Jim Tomson's Stubbornness

(Continued from Page 3)

son surplus was sold to breeders in other states, much of it going to Washington and California.

In the last three years the Tomsons have sold 40 bulls to head purebred herds in Kansas.

The Tomson herd today contains about 250 animals of which 150 are cows and heifers of breeding age. Most of the cattle are on the larger farm south of Wakarusa, which is owned by J. A. and Frank Tomson, altho' a small herd is kept on the old farm at Dover where John Tomson makes his home.

The two farms contain 1,250 acres, much of which is excellent grass land. Buildings are well constructed, commodious and adapted to the most efficient handling of the valuable animals they shelter. Both farm homes are modern.

The show ring record of Tomson Shorthorns is one the brothers well may be proud of. Up to 1907 the herd had won 325 first or championship ribbons at either state or national shows, including the World's Fair at St. Louis. Since then, John Tomson estimates, as many more ribbons have been added to the collection, altho' for the last two years the firm has not been showing heavily. It is probable, however, that more animals will be sent on the circuit this year and in the future.

The Tomson brothers have taken important parts in promoting calf clubs among boys in their localities, buying up Scotch top heifers and assisting in their distribution.

Both in the state and national Shorthorn Breeders Associations John Tomson has been a strong influence for safe and conservative progress. He has been president of the national association and as a director has the record of being the longest in service of any man on the board. He now is president of the state association and of the Shawnee County Shorthorn Breeders' Association.

The first portrait one sees when entering the Saddle and Siroin Club in Chicago is that of John Tomson.

Ground where last year's chicks died isn't good ground for this year's chicks. Move the coops and brooders.



This is Molly, a Good Grade Holstein Cow with an Unofficial Milk Record of 45 Pounds a Day; She is Owned by E. J. Leonard of Fort Morgan, Colo.

"BALL-BAND" TRADE MARK

Men, Women and Children Look for the Red Ball

The Red Ball means just as much on Light Weight Rubbers as it does on the heavier kinds of "Ball-Band" Rubber footwear.

It means rubbers that fit your shoes the way they should—trim, neat appearance, and quality that makes them wear a surprisingly long time.

Don't wait until some rainy day when you have to rush into the first store you see and buy what you can get. Have your "Ball-Band" (Red Ball) Rubbers ready for wet weather. Then you will know what it means to enjoy for a long time the satisfaction of a real good pair of rubbers.

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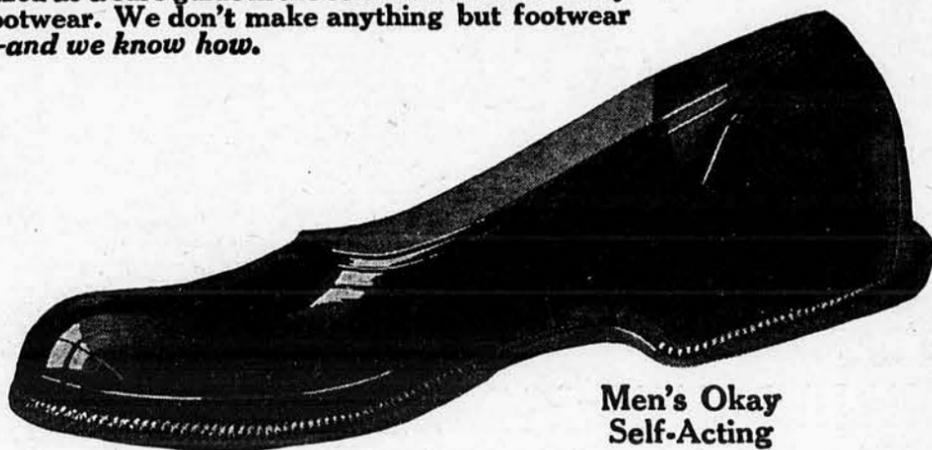
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"The House That Pays Millions for Quality"

For thirty-six years the Red Ball has been recognized as a sure guide in the selection of satisfactory footwear. We don't make anything but footwear—and we know how.



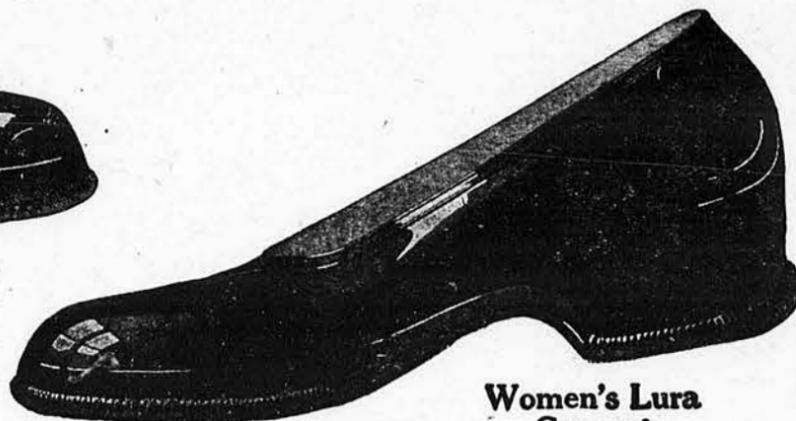
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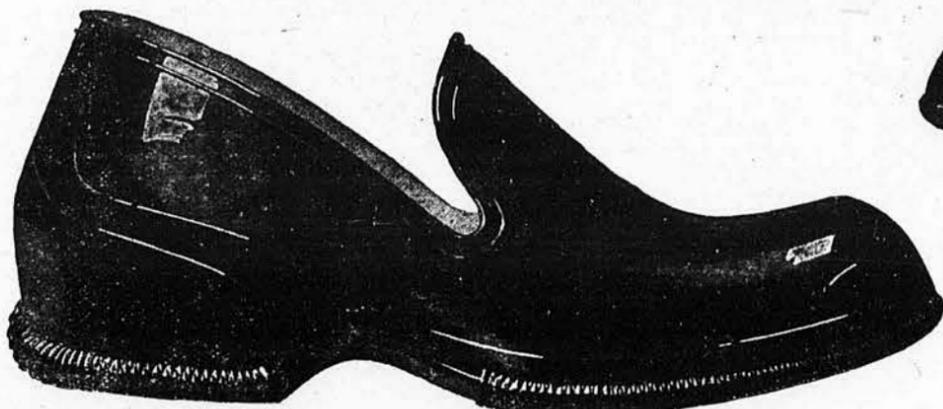
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Get your vitamins naturally

Vitamin and mineral elements are part of the splendid nutriment which Nature stores in the field grains for nourishing and vitalizing the human body.

Grape-Nuts, made from wheat and malted barley, has for over twenty five years supplied vitamin and other elements necessary for perfect nutrition.

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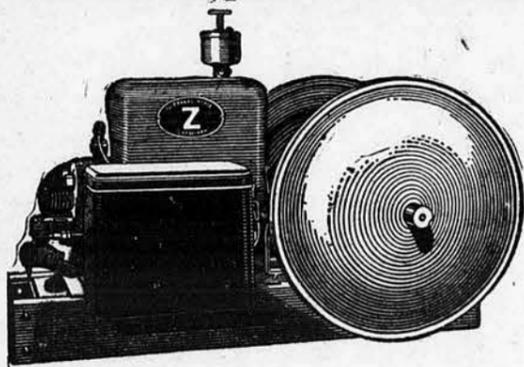
Grape-Nuts is truly economical because a small quantity provides unusual nourishment.

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Z

ENGINE

1 1/2 H.P.
BATTERY EQUIP

\$48

F.O.B. FACTORY

Cut down your expenses with this willing helper

Reduce your farming costs. Don't waste your own valuable time and strength—or pay high priced help—to do the hundred time-killing jobs that this Fairbanks-Morse "Z" Engine will do for you so much quicker, easier and cheaper.

At present low prices, this 1 1/2 Horsepower, Battery Equipt "Z" Engine is the cheapest farm help any man can have. It does more work for less money than any other aid you can employ.

Uses gasoline alone. Has high tension battery ignition, hit-and-miss governor and balanced safety fly wheels. Control lever gives

six speed changes. Carburetor requires no adjusting. A remarkable value.

The magnets equipt 1 1/2 H.P., 3 H.P., and 6 H.P. are real Hercules engines, but operate equally well on gasoline. Have simple high tension oscillating magnets. Throttling governor assures steady speed. Prices, F. O. B. Factory. Add freight to your town.

1 1/2 H.P. \$71 3 H.P. \$105 6 H.P. \$165 Other "Z" Engines up to 20 H.P.

Write for complete details. See the engines at your dealer's.

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All kinds finest quality nursery stock; hardy, guaranteed. You'll be pleased with our stock and the big saving to you. Free catalog and List of Bargains. Write Today. NORTH BEND NURSERIES, Box 25, North Bend, Neb.

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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.

Eliminating the Patches

(Continued from Page 7)

The dairy owner can hardly afford to be without a practical, sanitary dairy barn altho the building of it requires special skill not usually found on the farm. But in connection with the dairy barn, there are certain useful buildings which may be built by average labor. One of these is the milkhouse.

All farms should be provided with some means of conserving manure so valuable in renewing the fertility of the soil for the production of abundant crops. Experiment stations have valued the manure produced by an average dairy cow during one year at \$39. Often the pressure of other work makes it impossible to haul manure to the field daily. Manure exposed to the weather loses much of its fertilizing elements within a short time. The Indiana Experiment Station found that one third of all manure is wasted by improper handling. This is a yearly loss of \$13 an animal which may be saved by a concrete manure pit.

Hog houses built of concrete do not absorb filth or invite disease germs and vermin to make their home in and about them. Concrete surfaces are easily cleaned and kept clean and therefore sanitary by occasionally scrubbing down with water to which antiseptic or germicidal solutions may be added. Concrete hog houses further the raising of early spring pigs which may be marketed at the top prices of the early fall.

Feeding floors both for hogs and cattle are profitable investments for any farmer and may be built at odd spare hours, one section at a time.

Poultry raising on the general farm pays good profits where chickens are carefully housed and cared for. Poultry houses of concrete are a matter of comparatively simple construction and their advantages are equally as practical in the raising of chickens as in other phases of farm production. They are easily cleaned, dry, verminproof and ratproof and they protect chickens from the larger animals which kill them or destroy their eggs.

About the farmhouse there are also many things that may be built of concrete to the advantage of all associated in the farm activities. Porch steps, well curbs, laundry tubs, clothesline posts, mail boxes, walks, drives, culverts are only a few of the many items which the farmer may make and cash in on his otherwise non-productive hours.

Hugo Falls in Love

(Continued from Page 11)

park he encountered a youth, who was staring at the town hall with a fixed and fascinated stare.

"A fine structure," Hugo commented to the youth.

"I think so," was the reply. "Can you tell me who is the architect?" asked Hugo.

"I am," said the youth. "And let me beg of you not to make any remark on my juvenile appearance. I am sick of that."

They lunched together, and Hugo learnt that the genius, after several years spent in designing the varnished interiors of public-houses, had suddenly come out first in an open competition for the town hall; thenceforward he had thought in town halls.

"I want a shop putting up," said Hugo.

The youth showed no interest. "And when I say a shop," Hugo pursued, "I mean a shop."

"Oh, a shop you mean!" ejaculated the youth, faintly stirred. They both spoke in italics.

"A real shop. Sloane Street. A hundred and eighty thousand superficial feet. Cost a quarter of a million. The finest shop in the world!"

The youth started to his feet.

"I've never had any luck," said he, gazing at Hugo. "But I believe you really do understand what a shop ought to be."

"I believe I do," Hugo concurred. "And I want one."

"You shall have it!" said the youth. And Hugo had it, the not for anything like the sum he had named.

The four frontages of his land exceeded in all a quarter of a mile. The

frontage to Sloane Street alone was five hundred feet. It was this glorious stretch of expensive earth which inflamed the architect's imagination.

"But we must set back the facade twenty feet at least," he said; and added, "That will give you a good pavement."

"Young man," cried Hugo, "do you know how much this land has stood me in a foot?"

"I neither know nor care," answered the youth. "All I say is, what's the use of putting up a decent building unless people can see it?"

Some Expensive Earth

Hugo yielded. He felt as tho, having given the genius something to play with, he must not spoil the game. The game included twelve thousand pounds paid to building sculptors for monumental groups of a symbolic tendency; it included forests of onyx pillars and pillars of Carrara marble; it included ceilings painted by real artists; and it included a central court of vast dimensions and many fountains, whose sole purpose was to charm the eye and lure the feet of customers who wanted a rest from spending money. Whenever Hugo found the game over-exciting, he soothed himself by dwelling upon the wonderful plan which the artist had produced, of his extraordinary grasp of practical needs, and his masterly solution of the various complicated problems which continually presented themselves.

After the last bit of scaffolding was removed and the machine in full working order, Hugo beheld it, and said emphatically, "This will do."

All London stood amazed, but not at the austere beauty of the whole, for only a few connoisseurs could appreciate that. What amazed London was the fabulous richness, the absurd spaciousness, the extravagant perfection of every part of the immense organism.

But the Cash Came In

You could stroll across twenty feet of private tessellated pavement, enter jeweled portals with the assistance of jeweled commissionaires, traverse furlong after furlong of vistas where sought but man was vile, sojourn by the way in the concert hall, the reading room, or the picture gallery, smoke a cigaret in the court of fountains, write a letter in the lounge, and finally ask to be directed to the stationery department, where, seated on a specially designed chair and surrounded by the most precious manifestations of applied art, you could select a threepenny box of J pens, and have it sent home in a pair horse van.

The unobservant visitor wondered how Hugo made it pay. The observant visitor did not fail to note that there were more than a hundred cash-desks in the place, and that all the cashiers had the air of being over-worked. Once the entire army of cashiers, driven to defensive action, had combined in order to demand from Hugo, not only higher pay, but an increase in their numbers, Hugo had immediately consented, expressing regret that their desperate plight had escaped his attention.

The registered telegraphic address of the establishment was "Complete London."

This address indicated the ideal which Hugo had turned into a reality. His imperial palace was far more than a universal bazaar. He boasted that you could do everything there, except get into debt. (His dictionary was an expurgated edition, and did not contain the word "credit.") Thruout life's fitful fever Hugo undertook to meet all your demands. Your mother could buy your layette from him, and your cradle, soothing syrup, perambulator and toys; she could hire your nurse at Hugo's. Your schoolmaster could purchase cane there. Hugo sold the material for every known game; also sweets, cigars, penknives, walking sticks, moustache forciers, neckties and trouser stretchers. He shaved you, and kept the latest in scents and kit bags. He was unsurpassed for fishing rods, motor cars, Swinburne's poems, button holes, elaborate bouquets, fans and photographs. His restaurant was full of discreet corners with tables for two under rose shaded lights. He booked seats for theaters, train, steamers, grandstands,

(Continued on Page 17)

Farm Organization Notes

BY RURAL CORRESPONDENTS

Plans of World's Dairy Congress Announced at National Farm Meetings in Washington, D. C.

THE National Board of Farm Organizations and the National Agricultural Editors' Association, at meetings held at Washington, D. C., a few days ago, were addressed by a representative of the World's Dairy Congress Association upon the plans and purposes of America's first international dairy meeting. The Congress will be held at Washington, D. C., from October 2 to 5, 1923, and be adjourned to the National Dairy Show, Syracuse, N. Y., October 6 to 13. The National Board of Farm Organizations consists of representatives of a number of the big farm associations, including the National Milk Producers' Federation and the National Farmers' Union, with a combined membership of more than a million. The representatives who were present at the meeting will take back to their home organizations the story of the Congress and the statement of the effort which its promoters are making to increase national and international interest in milk and public health.

Huge Loss from Smut

A loss of \$800,000 is being sustained yearly by farmers of Ellis county because of smut in the wheat, oats, rye, barley and sorghum according to figures compiled by E. A. Herr, county farm agent.

Wheat losses average about 12 per cent from both burnt and loose smut, making a total loss of \$828,121 to the wheat growers of the county. Sorghum losses at the rate of 5 per cent on kafir and 2.5 per cent on other sorghums cause an annual loss of \$10,000. Oats at the rate of 4.7 per cent and barley at 2 per cent cause a total loss of \$13,869.

Herr says this loss can be eliminated to a large extent by "proper methods of treatment."

Colorado Stockmen Study Marketing

Many farmers in Eastern Colorado are much interested in marketing problems and will study every phase of it this year. This is especially true of farmers and stockmen in El Paso county.

At a recent meeting of the El Paso Farm Bureau, L. G. Niles of Fountain, E. W. Burke of Drennan, C. A. Brenner of Maitland, John Wilson of Fountain, and Ed James of Monument were named as members of a marketing committee to study co-operative buying and selling which will be made one of the major projects of the farm bureau this year.

Arkansas Valley Growers Meet

The annual meeting of the Arkansas Valley Stock Feeders' Association, held in Las Animas, Colo., recently, was one of the best gatherings of that nature held in many years. The meeting took up and discussed many things of interest to the feeders of the valley.

The meeting was presided over by E. H. Gerecke of Rocky Ford, Colo. Following the meeting of the afternoon, which was held in the district court room at the court house, a dinner was served at the Palace Hotel. This was also well attended.

Poultry Association is Formed

The Ellis Purebred Livestock and Poultry Association was recently organized at Ellis, Kan. The following officers were chosen: Sophus Johnson, president; John Gatewood, cattleman, vice president; P. Markey, in charge of cattle; Dr. C. A. Newell, in charge of poultry; Alex Niernberger, secretary; and John Norcross, treasurer.

Extension Work Statistics

The total amount allotted for co-operative agricultural extension work in the 48 states in 1922-23 was approximately \$18,821,000, of which the Federal Government contributed \$5,880,000 under the provisions of the Smith-Lever act. In addition, Congress by direct appropriation to the Department of Agriculture, made

available in round numbers \$1,028,000 for farmers' co-operative demonstration work and \$45,000 for extension work by the several bureaus of the department, making a total from Federal sources of \$6,953,000.

The remaining \$11,868,000 was derived from sources within the states, including \$5,241,000 appropriated by state legislatures and funds under control of the state agricultural colleges, \$5,634,000 provided by the different counties, and \$1,973,000 from other sources, mostly local.

Spotted Poland China Prizes

An appropriation of \$20,000 for premium awards at state fairs in the corn belt and an equal amount to be used by the board of directors for

county futurity distribution was made at the close of the 11th annual meeting of the National Spotted Poland China Record held in Indianapolis, Ind., recently. The award for prizes in 1923 is the largest ever made by the association and was justified by the report of Secretary Fred L. Obenchain, showing the growth for last year was greatest of any in its history.

During the convention, which was attended by approximately 400 breeders, Henry Fields, Shenandoah, Ia., was elected president. The other officers elected are: R. B. Stone, Nehawka, Neb., vice president; Fred L. Obenchain, Indianapolis, Ind., secretary and treasurer; and directors, Charles Taylor, What Cheer, Ia.; Carl Countryman, Ft. Wayne, Ind.; George Kirkpatrick, Utica, Ohio; John C. Moore, Winchester, Ill.; Van G. Sutliff, Huntsville, Mo.; and G. S. Wells, Ottawa, Kan.

War on Kansas Chicken Hawks

E. A. Barber of Uniontown has declared war on chicken hawks, which are more numerous than usual in that community. He uses an ordinary steel trap, baited with rabbit meat. So far he has caught 19 hawks, one owl and one crow.

Stand Rough Work
Save money and enjoy comfortable work clothes by wearing big, roomy



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OVERALLS
made of pure, indigo blue denim in 66 sizes. Don't shrink, rip or lose buttons. Wear unusually well. Satisfaction guaranteed. Dealers on every street. Special orders filled in 24 hours from
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New Low Prices. Guaranteed for 60 Days. Write Now! Prepare to stack your hay the EASIEST way. 15,000 in use. Established 20 Years
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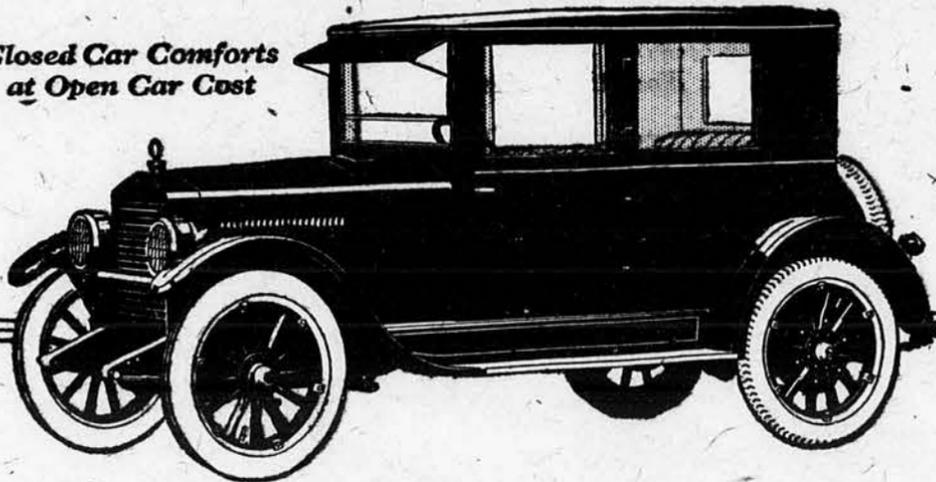


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ESSEX COACH

\$1145 Freight and Tax Extra

Closed Car Comforts at Open Car Cost



Hidden Values in Every Essex They Keep the Car Young in Long Hard Service

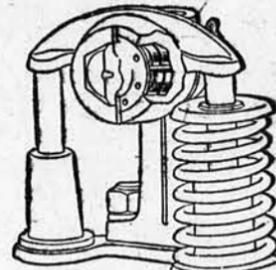
All models have the noted Essex chassis. European and American experts call it the greatest of its size.

After fifty, sixty and seventy thousand miles, Essex cars keep the dash and action of new cars. They stay tight and quiet. They keep their economy of operation and maintenance.

Service like that is not accidental. It results from hidden

values which are fully revealed only in long hard service. Attention to detail extends to parts you never see. Finest roller bearings are used where commonly plain bushings are used. For the weight carried the Essex frame is the sturdiest built, save one.

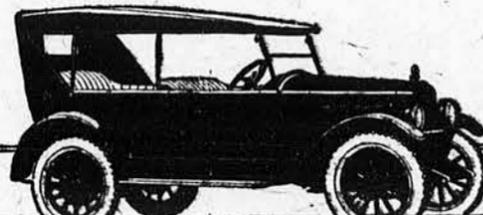
Qualities like these make Essex cost less in the long run than the lowest priced cars, because of the difference in repair, maintenance and replacement costs.



Essex is the only American car with roller bearings in the valve mechanism. This construction overcomes wear and frictional loss at one of the most important points. Prevents noise and saves a big item of replacement expense. All other cars use plain bushings for this vital function. Just another of the hidden values that account for the everlasting goodness of Essex cars.

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MORE than a million people have put their seal of approval on Hassler Shock Absorbers by buying them. Many of them have bought Hasslers again and again — a set for each new car. Great business corporations, realizing their economy, have equipped their fleets of hundreds of cars with Hasslers.

The judgment of a million people who know Hasslers, can't be wrong. The belief held by this vast army of users that Hasslers save many times what they cost — must be true.

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You can try Hasslers for ten days without risk. Don't let anyone discourage you from putting them on. Your own judgment will agree with that of a million owners who know they are right.

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To quickly introduce our line of 48 designs of post cards we will send 5 sample post cards in colors for 2 cents in stamps. With each order we include our big special free offer. Send 2 cents in stamps addressed to E. H. McKenzie, Dept. 51, Topeka, Kansas

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Are you familiar with the way it will pick apart the straw and shake out every particle of grain? Do you know how Geiser-Peerless sieveless system of cleaning and saving grain works? Have you ever seen how all Geiser-Peerless adjustments are made on outside of thresher while running?

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Wanted, all or spare time. Earn \$750 to \$2000 yearly. We train the inexperienced.
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This Shop Pays Dividends

Reno Farmer Saves Much Money By Making Repairs on His Machinery at Home

BY FRANK A. MECKEL

FOR 30 years I have been farming but I started my first farm shop about 20 years ago," says D. Meyer of Reno county in speaking of his modern farm workshop. "At that time I had a chance to buy a small, second-hand shop for \$30 including the building and some tools such as an anvil, a pair of bellows full of holes, a vise, drill, taps and dies that were worn out, some tongs and hammers and a few cold chisels and punches.

"We moved the old building to the farm and rebuilt it making a structure 12 by 14 feet and then having patched the bellows, we thought we had a good workshop. As time passed we were able to add a few more tools and learned how to use them, we saw that the shop was a good investment. But after a time, the board roof began to leak and the tools began to get rusty. This prompted us finally to build a new shop which we thought would be large enough to take care of all our work.

"In 1910, we built the shop which we are now using. It is 16 by 20 feet with a concrete floor. We have been adding equipment ever since we started out in this shop, but since the coming of tractors and power farming machinery to our farm, we have again outgrown the shop. If we were to build another shop, we would make it 20 by 32 feet and of concrete blocks. Then we would have all the tools and equipment in one end so that we could run a tractor or an automobile in at the other end for repairs.

Saves \$300 Yearly in Repairs

"It would be difficult to estimate the value of our farm shop, but I think that we have about \$600 invested in it. It is also difficult to say how much this shop is worth to us. That is, we cannot figure exactly how much it saves us every year, but I feel safe in saying that while mechanical labor is as costly as it now is, the shop saves us from \$250 to \$300 a year in repair bills.

"In 1921 we paid out \$16.20 for blacksmithing work which was all in the nature of sharpening the disks on the tractor disk and the seed drill. We hired this work done as we do not have enough of it to justify the installation of the necessary machinery for doing it ourselves. The shop has increased the efficiency of our farm to the extent that we would not and could not attempt to run the farm without it. We do not attempt to do any repair work for the neighbors, as we do all of our own work in spare time.

"I believe that a farm shop should contain at the start, a few carpenter tools, an anvil, a forge, a post drill, a few tongs and hammers, tin snips and a soldering outfit and a hack saw. Then other equipment should be added from time to time. This should include such things as a set of standard taps and dies for cutting threads, an emery wheel, a pair of bolt cutters, two or three sizes of pipe wrenches and a set of socket and end wrenches. A good gasoline engine should be a part of every farm shop. If the building is properly located, this engine can be used for many jobs other than mere shop work. A second-hand lathe is one of the machines which we find very handy. We paid \$250 for one and while that seems like quite an investment for a farm shop, I will

say that I would not like to try to get along without it now.

"One need not be a mechanical expert to use a farm shop to good advantage. Of course, if he is mechanically inclined, he can do many more things in his shop, but I think that anyone interested in doing his own repair work can soon learn to use a farm shop to good advantage.

A Well Arranged Plan

"The accompanying illustration shows how we have laid out our shop. We have added a room on one side which we call the wash room. It is 16 by 14 feet and it is where we do the family washing. At butchering time, we put a meat cutter into this room. In one corner we have drilled a well and installed a pump which is driven by a McCormick binder arm running as a walking beam to the pump jack. The belt for operating the pump is always under cover and dry and there is no slippage or waste of power.

"The engine, located in the shop proper, operates a line shaft from which all of the machines in both shop and wash room are driven.

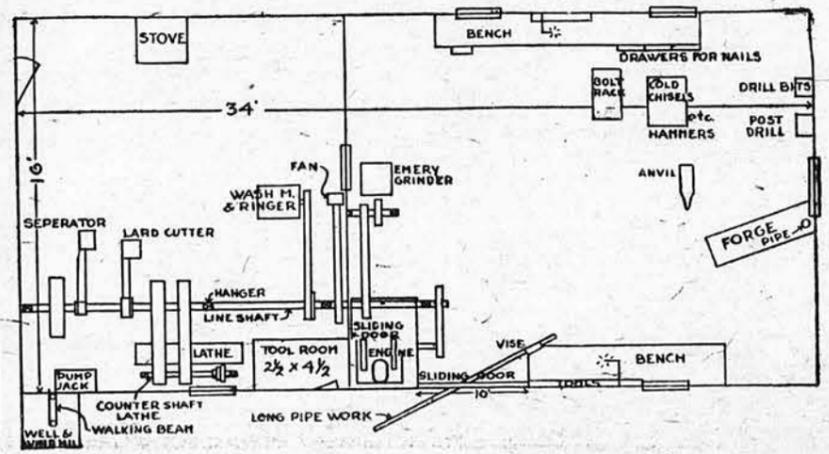
"We farm 400 acres and use quite a bit of machinery. We have a 14-28 tractor and a thresher, a combined harvester-thresher, two automobiles, a 2-ton motor truck, a portable 10 horsepower engine and the 3½ horsepower engine we use in the shop. We have machine sheds which cover 3,525 square feet and keep all of the machinery housed. Our first wagon which we bought 30 years ago is in better condition today than many which have been in use only five or six years. Plows that we have used for 25 years are still in good running order today. Our shop is the answer."

Tractor Must Show Results

If the tractor is to be profitable on the farm, says the United States Department of Agriculture, it should make possible the accomplishment of at least one of the following things: A reduction of the number of work stock on the farm; a reduction of the amount of hired help required; the farming of an increased acreage; or an increase in the amount of crops produced.

With the addition of a tractor to the farm equipment there will necessarily be some changes in the methods of operating the farm, and perhaps a re-organization of the type of farming will be possible. Some surveys of a number of farms where tractors have been owned and operated have been made by the department and show what changes take place on the average farm under tractor conditions. Farmers' Bulletin 1296, Changes Effected by Tractors on Corn-Belt Farms, has just been issued. With the information set forth in this bulletin, the man who is trying to decide whether to buy a machine will be enabled to determine approximately what influence the tractor may have on his farm, and the man who already owns one will be able to compare the results which he has obtained with those obtained by others.

A welcome guest in your home, bringing good reports of the progress of your friends and your community—the home town paper.



Hugo Falls in Love

(Continued from Page 14)

and the Empire. He dealt in all stocks and shares. He was a banker. He acted as agent for all insurance companies. He would insert advertisements in the agony column, or any other column, of any newspaper. If you wanted a flat, a house, a shooting box, a castle, a yacht, or a salmon river, Hugo could sell, or Hugo could let, the very thing. He provided strong rooms for your savings, and summer quarters for your wife's furs; conjurers to amuse your guests after dinner, and all the requisites for your daughter's wedding, from the cake and the silk petticoats to the Viennese band. His wine cellars and his specific for the gout were alike famous so also was his hair dye. . . . And, lastly, when the riddle of existence had become too much for your curiosity, Hugo would sell you a pistol by means of which you could solve it. And he would bury you in a manner first class, second class or third class, according to your deserts.

Flats on Five Floors

And all 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. "Will people of wealth consent to live over a shop?" he had asked himself in considering the possibilities of his palace, and he had replied, "Yes, if the shop is large enough and the rents are high enough." He was right. His flats were the most sumptuous and the most preposterously expensive in London; and they were never tenantless. One man paid two thousand a year for a furnished suite. But what a furnished suite! The flats had a separate and spectacular entrance on the eastern facade of the building, with a foyer that was always brilliantly lighted, and elevators that rose and sank without intermission day or night. And on the ninth floor was a special restaurant, with prices to match the rents, and a roof garden, where one of Hugo's orchestras played every fine summer evening, except Sundays. (The County Council, mistrusting this aerial combination of music and moonbeams, had granted its license only on the condition that customers should have one night in which to recover from the doubtful influences of the other six.) The restaurant and the roof-garden were a resort excessively fashionable during the season. The garden gave an excellent view of the dome, where Hugo lived. But few persons knew that he lived there; in some matters he was secretive.

That very sultry morning Hugo brooded over the face of his establishment like a spirit doomed to perpetual motion. For more than two hours he threaded ceaselessly the long galleries where the usual daily crowds of customers, sales people, shopwalkers, inspectors, sub-managers, managers, and private detectives of both sexes, moved with a strange and unaccustomed languor in a drowsy atmosphere which no system of ventilation could keep below 75 degrees Fahrenheit. None but the chiefs of departments had the right to address him as he passed; such was the rule. He deviated into the counting-house, where two hundred typewriters made their music, and into the annex containing the stables and coach-houses, where scores of vans and automobiles, and those elegant coupes gratuitously provided by Hugo for the use of important clients, were continually arriving and leaving. Then he returned to the purchasing multitudes, and plunged therein as into a sea. At intervals a customer, recognizing him, would nudge a friend, and point eagerly.

"That's Hugo. See him, in the gray suit?"

"What? That chap?"
And they would both probably remark at lunch: "I saw Hugo himself today at Hugo's."

"Yes, She Was There"

He took an oath in his secret heart that he would not go near Department 42, the only department which had the slightest interest for him. He knew that he could not be too dis-

creet. And yet eventually, without knowing how or why, he perceived of a sudden that his legs carried him thither. He stopped, at a loss what to do, and then, by the direct interposition of kindly Fate, a manager spoke to him. . . . He gazed out of the corner of his eye. Yes, she was there. He could see her thru a half-drawn portiere in one of the trying-on rooms. She was sitting limp on a chair, overcome by the tropic warmth of Sloane Street, with her noble head thrown back, her fine eyes half shut, and her beautiful hands lying slackly on her black apron.

What an impeachment of civilization that a creature so fair and so divine should be forced to such a martyrdom! He desired ardently to run to her and to set her free for the day, for the whole summer, and on full wages. He wondered if he could trust the manager with instructions to alleviate her lot. . . . The next instant she sprang up, giving the indispensable smile of welcome to some customer who had evidently entered the trying-on room from the other side. The phenomenon distressed him. She disappeared from view behind the portiere, and reappeared, but only for a moment, talking to a foppish old man with a white moustache. It was Senior Polycarp, the lawyer.



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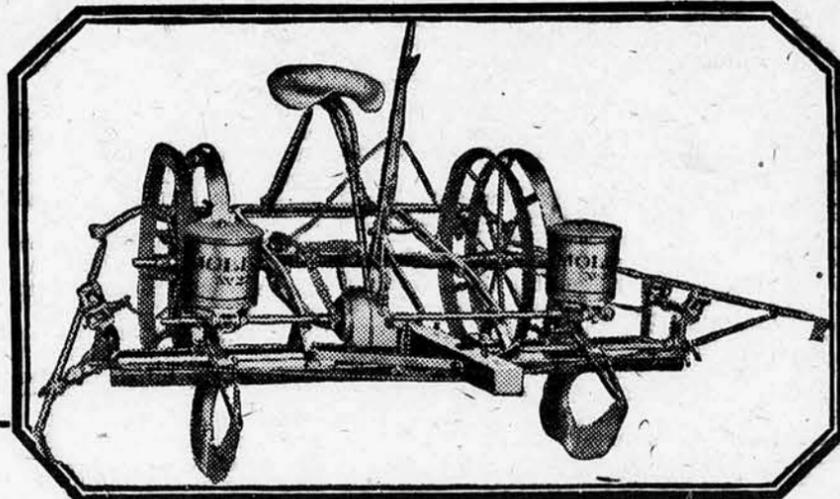
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which will increase your "bushels per acre"

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- 2. Whenever you agree to pay for service as used.**
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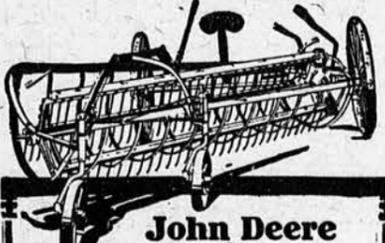
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8 grades and varieties. Prices that will open your eyes. Farm seed catalog free. Tells 18 ways to make money in 1923, explains freight saving plan.
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Get our wholesale prices, before you buy. Save money. Get real quality. Also free catalog Farm Seeds tells 18 ways to make money in 1923, explains our new freight saving plan.
Galloway Bros. Co. Dept. 47 Waterloo, Iowa

Hugo flushed, and, abandoning the manager in the middle of a sentence, fled to his central office. He had no confidence in his self-command. . . . Could this be jealousy? Was it possible that he, Hugo, should be so far gone? Nay!

But what was Polycarp, that old and desiccated widower, doing in the millinery department?

He said he must form some definite plan, and begin by giving her a private room.

Hugo Explains Himself

"And what," asked Hugo, smiling faintly at Mr. Senior Polycarp—"what is your client's idea of price?"

For half an hour they had been talking in the luxurious calm of Hugo's central office, which was like an island refuge in the middle of that tossing ocean of business. It overlooked the court of fountains from the second story, and the highest jet of water threw a few jeweled drops to the level of its windows.

Mr. Polycarp stroked his beautiful white moustache.

"We would give," he said in his mincing, passionless voice, "the cost price of premises, stock, and fixtures, and for goodwill seven times your net annual profits. In addition, we should be anxious to secure your services as managing director for ten years at five thousand a year, plus a percentage of profits."

"Hum!"

"And, of course, if you wished part of the purchase-money in shares—"

"Have you formed any sort of estimate of my annual profits?" Hugo demanded.

"Yes—a sort of estimate."

"You have looked carefully round, eh?"

"My clients have. I myself, too, a little. This morning, for example. Very healthy, Mr. Hugo."

"What departments did you visit this morning? Each has its busy days."

"Grocery, electrical, and—let me see—yes, furniture."

"Not a good day for that—too hot! Anything else?"

"No," said Mr. Polycarp.

"Ah! . . . Well, and what is your clients' estimate?"

"Naturally, I cannot pretend—"

"Listen, Mr. Polycarp," said Hugo, interrupting: "I will be open with you."

The lawyer nodded, appreciatively benign. As usual, he kept his thoughts

to himself, but he had the air of adding Hugo to the vast collection of human curiosities which he had made during a prolonged professional career.

A Liberal Policy

"My net trading profits last year were 106,000 pounds. You are surprised?"

"Somewhat."

"You expected a higher figure?"

"We did."

"I knew it. And the figure might be higher if I chose. Only I do things in rather a royal way, you see. I pay my staff five hundred a week more than I need. And I allow myself to be cheated." He laughed suddenly.

"Costume department, for instance. I send charming costumes out on approval, and fetch them back in two days. And the pretty girls who have taken off the tickets, and worn the garments, and carefully restored the tickets, and lied to my carmen—the pretty girls imagine they have deceived me. They have merely amused me. My detective reports are excellent reading. And, moreover, I like to think that I have helped a pretty girl to make the best of herself."

"Immoral and unbusinesslike, Mr. Hugo."

"Admitted. I have no doubt that if I put the screw on all round I could quite justifiably increase my profits by fifty per cent."

"That shows what a splendid prospect a limited company would have."

"Yes, doesn't it?" said Hugo joyously. "But why are your clients so anxious to turn me into a limited company?"

"They see in your undertaking," replied Polycarp, folding his thin hands, "a legitimate opening for that joint-stock enterprise which has had such a beneficial effect on England's prosperity."

"They would make a profit?"

"A reasonable profit. A small syndicate would be formed to buy from you, and that syndicate would sell to a public company. The usual thing."

"And where do I come in?"

(TO BE CONTINUED.)

The total income of the United States for the year 1919, \$66,252,601,000, divided among the 41,609,192 persons who were gainfully employed during that year, gives an average income for everyone of \$1,592, according to the National Bureau of Economic Research.

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Uncle Sam Proceeds Cautiously

CHAS. KUHN - 22 -

In Such Troublous Times as These, the Popular Slogan, "Watch Your Step," Has a Meaning of More Than Ordinary Significance

Health in the Family

Doctors Do Not Use High Sounding Medical Terms to Camouflage Their Statements

BY DR. CHARLES H. LERRIGO

DO DOCTORS ever libel their patients by applying to them ugly names disguised by their medical jargon so as to be safe, so to speak? Many folks think they do and one of them has written me rather an indignant letter. "Our doctor told me that I was a neurotic," she writes. "He didn't explain but acted as if I were to be considered hopeless. I imagine it is something as bad as being a neurasthenic or in common language 'a nut' and naturally I'd like to know more about it."

It is true enough that doctors do sometimes use such terms carelessly as if they carried some reproach, but both "neurasthenic" and "neurotic" are perfectly proper terms indicating certain symptoms of disease. The first one refers to a condition of nervous exhaustion, the second to a person who has a nerve lesion known as a "neurosis." There is a very prevalent idea that patients can control such matters if they so desire and that therefore anyone put into such classification is a poor body without enough will or enough force to care about being well, possibly even shamming so as to obtain sympathy. This may be correct in some cases but there are plenty of genuine cases of disease of the nerves and the sufferers live in a state of wretchedness that no ordinary illness can compass. A person who is a neurotic or a neurasthenic should be given very special medical care to see what can be done in the way of removing the handicap.

About Wearing Wigs

If a man who is bald takes to wearing a wig is he more likely to take cold or less likely? I have been told that the wearers of wigs took cold even more easily than others because the covering of the head is unnatural and makes the scalp sensitive.

M. P.

I don't know from actual knowledge for I have only had one wig-wearing patient. He wore his wig just as regularly as you wear your hair, both day and night and claimed that it was just the same as the natural thatch. I'm inclined to think he is correct.

A Case for the Specialist

After sleeping 6 or 8 hours the muscles of my back seem to contract and I can only get relief by moving around. What is the cause?

T. H.

I cannot answer this very definitely. I should be inclined to suspect gravel trouble and would have an examination of the urine made immediately.

Care of Chemical Toilets

We are thinking of putting in a chemical toilet. Of course such toilets must be emptied. Is that an offensive task and where should such refuse be put?

L. Y.

The chemicals used in such a toilet, together with a device for breaking up the solid portions of the excreta, act in such a way that there is no very offensive residue to dispose of. For a small family it needs clearance only twice a year and there is a patent device for draining the tank that makes this quite a simple matter.

Good Weather Checks Death Loss

The low death rate in the United States in 1921 was not only due to widespread health propaganda and improvement in the food situation, but also to several other factors, including very unusual weather conditions, says the Weather Bureau, United States Department of Agriculture. Further evidence of the weather factor is presented in figures just released by the Bureau of the Census, which show an increase in the death rate for the first quarter of 1922 from 12.6 to 13.7 a thousand. The weather during the first three months of the year was abnormally cold in many parts of the country.

The death rate for 1921 was not only the lowest on record in the United States, but was also about the same in value for countries and cities widely separated. It would be interesting and valuable to be able to trace out the definite connection between specific diseases and the weather. Thus,

in England, in 1921, when dry weather was persistent, there were severe epidemics of scarlet fever, and medical authorities had previously noted a connection between scarlet fever and dry years. A correlation study of the Binghamton, N. Y., records and those for Pennsylvania, leads to the belief that it is low relative humidity that is the important factor, coupled, of course, with a suitable field for endemic prevalence of the bacterium.

Sweet Clover in Rotation

Sweet clover fits into the rotation on the farm probably better than any of the other legumes. It will improve the soil in a shorter time than alfalfa and will thrive under conditions where neither alfalfa nor Red clover will do well. It is easier to get a stand of Sweet clover than the other legumes and the seed is generally less expensive. The quantity of livestock carried on the farm can be increased if Sweet clover is used for pasture, hay, and soil fertility purposes. It can be sown any time now on winter wheat or rye, or on waste places and on partly timbered land.

Nature teaches that lime is the essence of a prosperous agriculture.

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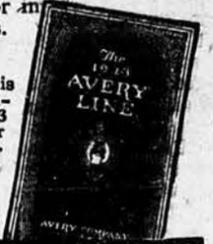


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gasifiers, adjustable bearings, mechanical lubricator, and other improvements. By far the most horse-power for the money of any tractor in the medium size class.

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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.

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Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

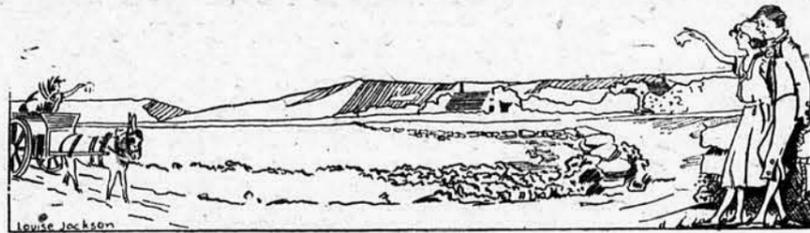
Effingham Club Folks Frolic on March 17

THE Effingham Community Club had a St. Patrick's party last year which all of the guests enjoyed very much. Everyone was asked to bring 12 small potatoes in a paper bag.

While no one had the slightest idea what use would be made of potatoes at a party, everyone complied with the request. At the door of the hall, a member of the committee tagged everyone with an Irish name. There was Maggie Murphy, Nellie Flannigan, Lawrence O'Toole, Mike O'Brien, and so forth.

In addressing one another, failure to use the name given for the evening, called for the forfeit of a potato. The hall was decorated in green crepe paper with shamrocks everywhere. The electric lights were covered with green and gave out a pretty, subdued light.

The program was opened with a community sing, "The Wearing of the Green," followed by a solo "An Irish Lullaby." The origin of St. Patrick's day and a story of the life of St. Patrick were given next. Another club member sang "Old Irish Motlier of



Louise Jackson

Mine," and for an encore, "Molly O." Nine young men who comprise the Atchison County high school glee club sang, "My Wild Irish Rose."

Next came a contest, "The Lost Pats."

Pat who fought for his country. (Patriot)
Pat of noble birth. (Patrician)
Pat mending his clothes. (Patching)
Pat grows very old. (Patriarch)
Pat a model to fashion by. (Pattern)
A fatherly pat. (Paternal)
Pat protecting his ideas. (Patented)
Pat in a far country. (Patagonia)
Pat's love for his wife. (Pathetic)
They heard the rain. (Patter)
Pat played with the baby. (Patty cake)
At night they dined on. (Patties)

Then five of the older business men had a potato paring contest. After paring the potatoes they were asked to cut them in shape to represent some animal. One made a pig, one an elephant, one a hen and a couple perfected some animals either extinct or still

to come to earth.

During this time the guide was showing others the "exposition" in which was a:

A birdseye view of Cork—a cork.
A view of Wicklow—lamp with wick turned low.
Blarney Stone—an ordinary stone.
Last Rose of Summer—a dilapidated artificial rose.
Wearing of the Green—kewpie doll dressed in green.
Home rule for Ireland—a yard stick.
St. Patrick's day in the morning—platter with bacon and potatoes.
Belle of Shannon—calendar picture.
Never seen in Ireland—snake.

Another stunt was an auction sale, the bidders using the potatoes they had brought or won, as money. Among the things sold, all nicely wrapped, were, a diamond pin, a dime and a safety pin; a souvenir of Greece, an empty salve box; Old Dog Tray, a weiner; Maid of Orleans, piece of taffy candy; The Lost Chord, a bit of string; rank and file of Ireland, a small onion and a file; Pat's slippers, banana peelings.

At the close of the game, the potatoes were sold for a dollar.

Mrs. C. M. Madden.

A garden roller is worth its cost in any garden. Loose soil can be rolled firm, and after planting seeds the roller will firm the soil over them. Used when the soil is not wet it never will make it too compact, and you will be surprised at how much quicker your seeds will come up.
Bertha Alzada.

Games That Will Please

No matter how cordial a hostess may be, nor how lovely her home is decorated nor how elaborate her refreshments, if she hasn't some good, rousing games planned for her party, it will not be pronounced a success. It isn't always possible to conjure the games we would like to play because memory often fails us. But with one or both

ONE smile can glorify a day,
One word new hope impart;
The least disciple need not say
There are no alms to give away
If love be in the heart.
—Phoebe Cary.

of our pamphlets on hand, not a minute of a party will be a dull one for lack of entertainment.

These pamphlets are "Games for All Occasions," and "Thirty Three Mixer Games." They sell for 15 cents apiece. Address your order to the Amusement Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.—Advertisement.

A Hat You Can Make

A little hat that may be worn equally well with a tailored suit or drapy frock is made up in straw cloth. It is pretty in brown, blue or black lightened and brightened as



it is with brilliant flowers. The crown is simple to make, being covered plainly over the top with a band of material draped around it and fastened in the center-front under the up-turned brim.

The brim comes over the face enough to shade the eyes and follows the line of a Russian tiara to a graceful rounded point at the center-front. Made in brown, the flowers are in lovely contrast when they shade from golden-yellow to deep orange. A huge daisy is poised at the deepest part of the brim and from it run smaller daisies and their soft pale green and brown velvet stems. A certain shade of green—a soft jade tone—is beautiful with dark blue white with black, a wistaria or deep crimson is in accord.

An all purple hat with flowers that shade from soft lavender to a deeper tone of this royal hue would be very lovely. Test colors by holding them next to your face in the strong sunlight and see the effect, for if they are becoming in the unshaded light they are sure to look lovely in half shadows. Hallie Hayden Hershey.

To Use in the Kitchen

Have you tried: Using the kitchen scissors for cutting the dates, raisins, figs and marshmallows called for in a recipe?

Painting the dust pan and broom handle a soft green to match the green and white checked gingham curtains at the kitchen window?

Keeping the raisins from sinking to the bottom of the cake by adding them with the sugar to the creamed butter? This makes a richer, darker cake and the raisins are not coated with flour as they are if dredged in it and added to the batter the last thing.

Removing the scum from cocoa, the curdles from cream of tomato soup, the lumps from gravy and cake batters and the unsightly appearance from overcooked custards by beating them with a Dover egg beater?

Making creamy fudge by long beating rather than long cooking?

Mrs. R. E. H.

Ellsworth County.

Cook Book Supplements

Do you know that: Beating chocolate icing too long before spreading it on the cake destroys its gloss? Spread the icing while it is "runny," or if it thickens too quickly, dip a silver knife in hot water and without drying use it to smooth down the rough places.

There is no danger of sausage cakes not being cooked thoroly, and they are not dry and over-browned, if they are boiled. Place the cakes in a frying

THE importance of a home is impossible to exaggerate. What is liberty without it? What is education in schools without it? The greatness of no nation can be secured that is not based on a pure home life.
—Arnold Toynbee.

pan with almost enough water to cover. Boil 20 or 30 minutes, drain off the liquid to use for gravy making and brown the cakes neatly on both sides.

The cake batter is made lighter if beaten with an over and over motion? Stirring removes air, while beating introduces it into the cake.

Apple sauce, mustard, cranberry sauce, greens and root vegetables are excellent accompaniments to a pork roast?
Nell B. Nichols.

Milestones of Castle Builders

Do you dream dreams and see visions, or are you one of those people who say, "Oh, I never build castles any more for they always tumble?" If you are one of the latter, I pity you for you are missing a source of great joy and a real opportunity for service.

This old world never would have traveled far if there had been no castle builders in it. It is the men and the women who have dreamed dreams and had visions of better things, who have left shining milestones along life's highway of progress. Not only in the pages of early history are written the achievements of these

castle builders, but right in and around our own homes are countless testimonies if we will only read them.

Take for instance the telephone. How many of us realize the number of years that Alexander Graham Bell dreamed of this wonderful invention before it became a perfected instrument? True, his castles tumbled many times, just as do those of nearly every builder, but he always fashioned them again, hopefully and persistently, trying to make of them a solid structure.

No doubt people scoffed and called an idle dreamer, the man who first conceived the idea of constructing the buggy that would go without horses, yet no achievement of these modern times has been a greater benefit to mankind than the automobile.

Oh, I could fill books with the names of these castle builders and the things they have done, for every necessity, comfort and luxury about our homes was first an idea of someone. Someone had a vision of the finished product before it became a reality. Therefore, the thing for us to do is build our castles, then try to put foundations under them. The only material of which these foundations can be made, are the stones of faith, perseverance and plenty of work.
Irene Judy.

Preparing Garden Soil

Garden soil should have thoro preparation, for we expect it to give big pay for the work put on it. The very fact that it takes so much hand work makes it important that we leave no chance for failure that we can guard against, and one of the most important points is preparing the soil. The longer it is worked over before we plant it the better, for all seeds will germinate better in soil that is fairly firm. We lose many seeds by planting in loose soil, both on the farm and in the garden.

If we can get a couple of rains before we plant after we plow we can run a disk or harrow over the ground when ready to plant and have it in ideal condition, provided we have worked it down until it is clear of heavy clods and of trash. No trash of any kind or coarse manure should be plowed under in the garden, for it not only leaves air spaces to make soil dry fast in drouth, but it hinders the implements in cultivating. Better have a garden compost pile and rot all this trash to use for fertilizing.

Bias Tape for Sewing

The new spring dress needs only a trimming of bias tape to give it charm and make it a joy for the seamstress to put together. These bias tapes can be purchased at a department store.

They come in a variety of colors, widths and materials.

There are three different, attractive designs that can be made from pattern 9819. Every dress has the collar, cuffs and pockets edged with the bias tape. For your first dress, try making it of pink plaid gingham. Make the collar, cuffs and pockets with black bias tape and the buttonhole effect on the pockets can be made by doubling the

tape with unfinished edges inside. Then stitch it on the tab of the pocket. (See illustration.)

A second suggestion for a dress made from this pattern is a plain blue chambray trimmed with white bias tape.

Make your entire dress of the blue, including collars, cuffs and pockets only edge them with the white. You may wish to use your pattern again. The third dress may be made of green checked gingham. The collar, cuffs and the tabs on the pockets are made of ecru-tinted eyelet embroidery finished with green checked gingham bias tape.
Mrs. Audrie Guild.

Our style 9819 may be ordered from the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. Price—15 cents. It comes in sizes, 36, 38, 40 and 42 inches bust measure.—Adv.



Detail of Buttonhole Effect.



9819

"Coloring Up" for Spring

Applique and Decorative Stitches That Will Brighten the Home and Wardrobe



TO THE housewife spring time is "touching up" time. The swelling of the buds and the chirping of the birds seem to make her feel the need of a fresh note of color in the various rooms.

The new applique patches and decorative stitches which have become so popular are especially helpful money savers. Inexpensive materials such as cheesecloth or unbleached domestic can be used to advantage. Our applique and transfer designs shown here are suitable for use on bed spreads, cushion tops, dresser scarfs, curtains, children's dresses, blouses, tea sets and lamp shades.

602—Lamp Shade Transfer Design. Motifs range in size from 2 1/4 to 6 inches. In blue only.

4904—Transfer Pattern No. 4904 contains designs shown on the bed spread, children's dresses, curtains and child's apron. The designs are for darning, outline, solid, cross stitch and applique work. In blue only.

617—Cross Stitch Transfer Design. This is suitable for dresses, blouses and table runners. In blue only.

615—Pillow and Scarf Transfer Design. Size 15 1/2 by 45 inches. In blue only.

601—Scarf Ends and Pillow Transfer Design. The background is in running stitch; the motifs are conventional flowers.

619—Basket Design. Three patterns are included in this transfer, useful for pillows, napkins, buffet scarfs, centerpieces, dresser scarfs and pin cushions. Blue only.

4913—Border Transfer Design. This is a charming border for smocks, dresses, table runners, scarfs and curtains. The pattern includes 2 yards of each border which may be had 1 1/4 inches wide and narrower. In yellow only.

605—Tea Cloths, Napkins and Tea Pot Holder Transfer Design. This pattern supplies groups composed of tea pot, sugar bowl, cream pitcher and cup and saucer. In blue only.

These transfer patterns can be obtained from the Pattern Department Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents each.—Adv.

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.

Cream of Cabbage Soup

I would like to have a recipe for cream of cabbage soup.—Mrs. N. E. O.

This recipe will please you, I am sure.

- 4 cups chopped cabbage
- 2 cups milk
- 2 tablespoons onion, chopped
- 2 tablespoons butter
- 2 tablespoons flour
- 1/4 teaspoon pepper
- 1 teaspoon celery salt
- 1 quart water

Chop the cabbage and cook it in boiling water until tender. Add the other ingredients and butter and flour which have been mixed together. Cook until the mixture thickens slightly. Serve with crisp crackers.

Meringue with Ragged Edges

Whenever I cut a pie with a meringue on top I always tear the meringue. This makes the pieces look very unattractive. Can you suggest something?—Mrs. P. B.

Place the knife in cold water before cutting the pie and the meringue will not stick.

How to Mend Lamp Burner

The brass top to which the burner is screwed is broken on one of my kerosene lamps. Is there any way to fix it?—Mrs. G. A. W.

Remove the ring from the top and

dig out the dry plaster. Fill the hollow with powdered alum. Melt it on the stove. Put the ring in place and when the alum is cold the ring will stay in place.

Grease Spots on Silk

What will take stains such as those made by cream or butter out of a brown canton crepe silk dress?—Mrs. G. N.

Turn the dress inside out. Put a clean blotter over the spot. Place a medium hot iron on the blotter. Hold the iron on the blotter long enough to melt the grease and the blotter will absorb it. Take a clean place on the blotter, apply iron again. Repeat until the grease is all absorbed. Be careful! Do not have the iron hot enough to burn the dress.

Club Program is Full

The Kechi Farm Bureau club of Sedgwick county was organized with 10 members, September 27, 1922. It now has 22 members. The first work done by the club was culling and caponizing. Millinery work came next, and the women made 12 hats. The pattern work consisted of the cutting and fitting of a waist, skirt and a one-piece dress. Since we have had this work we have made 21 dress forms.

At our February meeting we canned 24 quarts of meat consisting of pork tenderloin, sausage, spareribs, beef roast, beef steak, chicken and ham. This club also sent a delegate to Manhattan for Farm and Home Week.

Mrs. Neal Almond, Sedgwick County.



Feed Them Like This

NOW the call on farms is for all men's energies, and the one source is the food they eat. So be particularly careful of those you choose—select the energizing ones.

Raisins Rich In It

Raisins are the leading fruit in energizing power. They furnish 1560 calories of energizing nutriment per pound.

A pound of eggs supplies only one-half as much. Few meats equal raisins in this respect.

Raisins therefore should be served frequently to your men folks and their help.

A luscious raisin pie, for instance, is ideal dessert. It revives tired men almost at once, because the raisin's sugar is in practically predigested form and its energy goes quickly to the blood.

Furnishes natural food-iron also which the blood needs every day.

Men like these delicious pies that so effectively renew them. You can serve them at least twice a week.

Try the recipe we print here.



A great morning fruit dish is stewed raisins served with cream. Rich in energy and iron. A fine laxative effect.

Raisin Pie

Two cups Sun-Maid Raisins, 1 1/2 cups boiling water, 1/2 cup sugar, 2 tablespoonfuls cornstarch, 2 tablespoonfuls lemon juice, 1 tablespoonful grated lemon rind, juice of 1 orange, 1 tablespoonful grated orange rind, 1 cup chopped walnuts.

Cook raisins in boiling water for five minutes, pour into it sugar and cornstarch which have been mixed. Cook until thick, remove from fire and add other ingredients. Bake between two crusts. Walnuts may be omitted if desired.

All measurements for this recipe are level.



Blue Package (Seeded) Best for pie and bread.

Sun-Maid Seeded Raisins

Get delicious Sun-Maid Seeded Raisins, big plump, tender, juicy—best for pie.

Insist on Sun-Maid Raisins, the kind you know are good.

Your retailer should sell you Sun-Maid Raisins for not more than the following prices:

- Sun-Maid Seeded (15 oz. blue pkg.)—20c
- Sun-Maid Seedless (15 oz. red pkg.)—18c
- Sun-Maid Seeded or Seedless (11 oz. pkgs.)—15c
- Seeded in Tins: (12 oz.), 20c; (8 oz.), 15c

Mail coupon for free book of tested Sun-Maid recipes.

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Please send me copy of your free book, "Recipes with Raisins."

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Early Cultivation a Healthy Habit

Cultivation is a keynote of successful farming. A field well cultivated is many times more productive than neglected soil.

And so it is with teeth. Cultivate the clean teeth habit. The careful mother teaches her children to brush teeth after every meal. She knows good teeth mean good health—now and in years to come.

Dentists agree that a gritty dentifrice is dangerous—for grit scours away the tooth enamel. Protect young teeth from grit by the regular use of the safe dentifrice—Colgate's Ribbon Dental Cream.

Colgate's Cleans Teeth The Right Way
Washes and Polishes—Doesn't Scratch or Scour

Children use Colgate's regularly and willingly because of its delicious flavor. Its specially prepared, non-gritty chalk loosens clinging particles. Its pure, mild, vegetable oil soap "washes" them away. It sells at the right price—25 cents for a large tube.

If your wisdom teeth could talk they'd say "Use Colgate's"

Truth in Advertising Implies Honesty in Manufacture

"Line's Busy!"—No, Never!

You never get the busy signal when you call for Buyers on the Kansas Farmer and Mail & Breeze line. There is always somebody who wants what you have to sell. Our Farmers Classified Page is the switchboard that connects up with more than 125,000 farm families.

Plug in With Buyers

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 2 1/2 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

Millinery Work in Cherokee

An Unselfish Community Spirit is Developed in the District Training Classes

BY HELEN MARGARET VAN GILDER

THE millinery project work that was taken up in Cherokee county in March 1921 has been an invaluable aid to the farm women of that county. Maude Finley, clothing specialist from the Kansas State Agricultural College began the millinery work in the county. She conducted eight preliminary groups in the spring of 1921.

Last spring a millinery training school was held at Columbus. The school was composed of 11 women known as local leaders, who had had some work in millinery in the former classes. These women were chosen from the eight local schools conducted in the spring of 1921. The women selected from the different communities were Mrs. Frank Hiller and Mrs. Chas. Armstrong, Center Star; Mrs. Robert Lamb, Maple Wood; Mrs. S. H. Kline, Crestlin; Mrs. H. H. Hubbard and Mrs. E. C. Scott, Pollyanna club; Mrs. R. H. Collins, Neutral Home Improvement Club; Mrs. Verne Reese, Lyon Township Club; Mrs. Ezra Ratcliffe, Home Benefit Club; Mrs. Adah Mansfield and Mrs. H. E. Hale, Sheridan Township Club.

Leaders Each Help 10 Women

The goal for each member of the class was to assist 10 other women in her community in making or remodeling hats. In that way the work reached all parts of the county. These 11 women actually did assist 91 other women with hat making last spring.

Last September a four day district conference was held at Columbus. Representatives from Anderson and Cherokee counties attended. Each county was entitled to four district leaders. Those selected from Cherokee county were Mrs. Adah Mansfield, representing the northwest section



The Four District Millinery Leaders

of the county; Mrs. William Kapple, representing the northeast district; Mrs. H. H. Hubbard from the southeast section; and Mrs. Verne Reese representing the southwest section of the county.

Individual Hat Problems Solved

The district leaders with Sarah Jane Patton, who is home demonstration agent for the county organized local leaders' training grounds. Mrs. Mansfield instructed a group of seven women representing four communities and Mrs. William Kapple taught a class of six representing four communities. Mrs. Hubbard trained five women from three communities, and Mrs. Reese taught a class of six from three different communities. Each district leader gave her local leaders the instructions as she received them at the district conference. Then the local leaders assisted the women in their communities with their individual hat problems.

The home demonstration agent in Cherokee county also has the foreign population in the coal fields for one of her problems. Mrs. Kapple, who lives in one of the mining districts has helped several Italian girls in her community to make new hats and to remodel old ones.

It is the aim of the millinery work to develop leadership, community spirit and a willingness to help others. The chief benefit derived

from this work is to enable farm women to become more intelligent purchasers of millinery, as well as to remodel their own hats when the occasion requires it. This is a splendid advantage for farm women, because many of them live at inconvenient distances from a town large enough to support a millinery store.

Farm Home News

BY MRS. DORA L. THOMPSON

If you were told to serve some patient in your home beef tea 1 hour, beef broth, the next and beef juice the third, would you know what to do with the beef? Perhaps you would. If so, you may feel more assured you are correct than were most of those attending our class in home nursing.

Influenza patients were asked to keep to a liquid diet. Many well intentioned home nurses knew nothing they could give except milk and water. We learned of ten different preparations of foods that may properly be served for liquid diet.

Beef tea is very nourishing and easily digested. It is made by cutting up little pieces of meat, placing them in a jar and setting it in hot water. When the heat has extracted the juice it may be seasoned to taste and should be served hot.

How to Make Beef Broth

Beef broth is made by placing a pound of lean meat in a quart of cold water. It should be brought to the boiling stage and boiled slowly for some time; then seasoned.

Beef juice is made by searing lean steak on a bare, hot skillet and pressing the juice out of it. This is the blood of the animal. It should be seasoned and served hot or it will coagulate.

Albumen water may be relished by others than sick persons, especially in warm weather. It is made by placing the white of an egg in a jar, adding a pint of water and some flavoring such as orange or lemon juice. This should be shaken and served cold.

Toast water—To make toast water,

we should brown bread in the oven, cover it with hot water and strain.

Buttermilk had a high place in our nurse's estimation. She advised a drink of cool buttermilk for well people in preference to pop and many soda fountain beverages. Many of Miss Martin's remarks on this subject were heartily seconded by a young-old woman of 67 years whose favorite drink is buttermilk.

Plain milk, eggnog, fruit juices, tomato juice, sherbet and homemade ice cream completed that list.

Light Diet

For light diet such as is often advised for dyspeptics, oven toast was the first food suggested. Oven toast was thought to be much better than that made quickly over a flame.

Soft cooked eggs, either coddled or poached were considered good foods. To coddle an egg it should be placed in boiling water and drawn to the back of the stove where it will keep real warm but not continue boiling.

Many do not know how to poach an egg. Miss Martin suggested that water that is just boiling be salted and eggs slipped from a cup into the water. Many succeed by placing a little butter in a cup, setting the cup in boiling water.

Scraped steak is often a good food for aged people. By using a spoon on a slice of steak the meat particles may be scraped off from the tissue. These meat particles may be formed in a ball, seasoned and dropped on a hot skillet.

Baked potatoes both Irish and sweet are rightly included in a light diet menu. "Scrub the potatoes, lard them and bake," Miss Martin said. The larding is done to soften the skin.

Baked apples, baked tomatoes, cereals such as oatmeal cooked 2 hours in a double boiler and plenty of water and fresh fruit completed the list.

For Our Young Readers

Some "Dear Young Folks' Editor" Letters That We Have Found in Our Letter Box

I HAVE three pets, a cat named Topsy, a calf named Bessie and a donkey named Nava. I ride Nava to school. I am 12 years old and in the sixth grade.
Clara Milton.
Yellow Jacket, Colo.

Can You Guess These Three?

What state is high in the middle and round at both ends? Ohio.
What did Tenne see? What Arkan saw.
What did Dela ware? A new jersey.
Irving, Kan. Ross Jewell.

About Mutt, My Pet Pig

I am 11 years old and in the fifth grade. I walk 1½ miles to school. I have a pet pig named Mutt. He is 6 weeks old. He eats bread, candy and corn from my hand. He drinks milk. He puts his feet on my lap and begs for more bread. When he hears Papa step on the porch with the milk he puts his feet against the door and tries to get out to him.
LeRoy, Kan. Mae Bradford.

Violin, Piano and Mandolin

I have six Hamburg chicks. They are black and white and I think them very pretty. I take music lessons on violin, piano and mandolin. I have been in high school three years and like it fine. I am 14 years old. We had lots of wheat last year. It was hailed on once but not enough to hurt.
Otis, Colo. Fern Snider.

A Rabbit Named Midnight

I live on a farm and like it very much. I like to watch the birds. Daddy tells me about some of their habits. I am 11 years old. I live 1½ miles from school. I have a black rabbit named Midnight and a cat named Black Beauty, and my aunt is going to give me a dog.
Lakin, Kan. Della McClurkin.

My Pony's Name is Flash

I am 10 years old. I have a brother named Charles. He is 8 years old. We ride our pony to school. Our pony's

name is Flash. I have a dog, cat, chicken, pig and pony. My pig's name is Spot, my cat's name Chubby and my chicken's Pet. My pig has a black spot on her. My dog is white. My cat is blue and my chicken is black with a red neck. I live with my grandparents.
Niotaze, Kan. Juanita Guier.

She is a Very Smart Cat

I am 11 years old. I go to town school. I have a pet cat. She is black and brown. She is a very smart cat. She sleeps in the barn loft. When we are eating she catches hold of Papa's sleeve, begging to be fed. When she wants to go into another room she reaches up to the door knob and tries to open the door.
Burns, Kan. Wanda Wagoner.

The Cat Cared for the Skunks

Once when my father was plowing he found nine little skunks. He brought two of them to the house. We had another cat and when she saw the skunks she picked them up and carried them to her nest. She liked them better than her own kittens and cared for them until they were old enough to drink from a pan. They became pets.
Alton, Kan. Freda Wineinger.

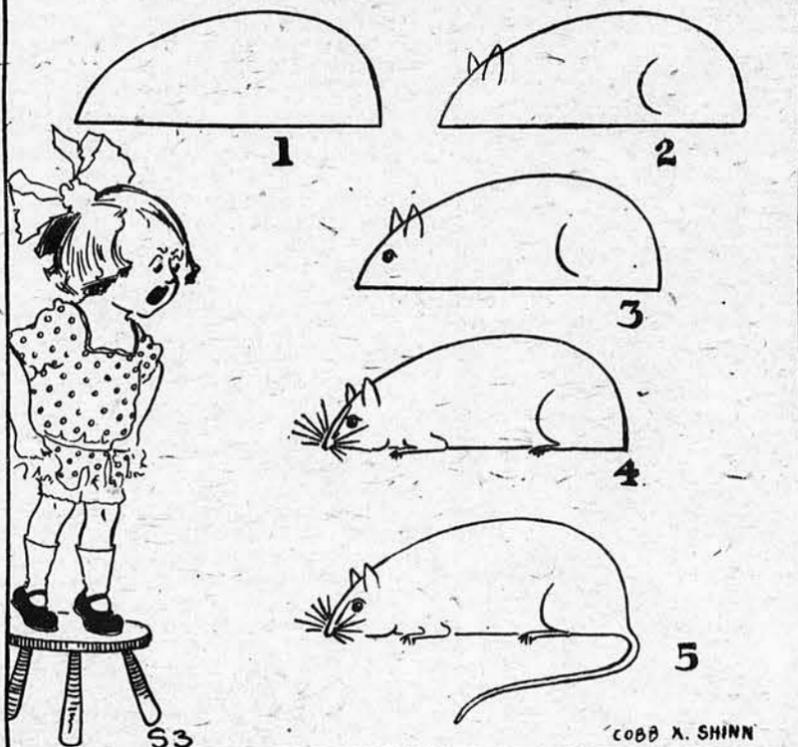
This Makes a Good Game

In the verse below see if you can fill out the missing words with the names of fruits or vegetables.
Do you ----- all for me?
My heart ----- for you,
With your ----- lips
And ----- complexion,
----- hair and ----- nose.
My love is soft as a -----
And strong as an -----;
If we ----- marry,
We'll make a good -----!

There will be a package of post-cards each for the first 10 boys or girls sending correct answers to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan.

DRAWING LESSONS FOR OUR KIDDIES

A HALF AN EGG, ADD A FEW LINES AND YOU HAVE A MOUSE



The girls may not like this drawing lesson for they are so afraid of mice. But the boys will have a jolly lot of fun making mice. The hardest part of making this drawing is making the half an egg. But after you have that made it is so easy to put the ears, an eye, the feet and the tail on him. And don't forget his funny long whiskers.

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Our new system of filling orders is now six months old. Six months' successful operation enables us to say—Your order will be shipped immediately; certainly in less than 48 hours.

As a matter of fact, most of the orders are now being shipped the same day they are received.

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Business and Markets

By John W. Samuels

MORE optimism is noted now among farmers, stockmen, and business men than at any previous time within the last two years. This is especially true of the Tenth Federal Reserve District of which Kansas is a part. In fact general business in the Tenth Federal Reserve District since the opening of 1923 has moved forward at a higher rate of activity than has been recorded for a previous first month of any year since 1920 and, in some lines of industry, since 1919, according to reports received by the Federal Reserve Bank of Kansas City contained in the February issue of the Monthly Review. Following the improvement in conditions affecting the basic industries of this part of the United States which came during 1922, there is now a healthier and a more cheerful tone pervading all lines of industry, trade and banking, the reports indicate.

Implement Sales Increase

In mercantile lines both distributors and retailers report a large volume of business. In implements, automobiles and automobile accessories dealers and distributing agents are optimistic over their sales reports. Manufacturing in practically all lines is at a high rate of activity, and with the unprecedented winter operations in building, labor is more fully employed than is usual for the season.

Increases in values of ores is stimulating activity in metal mines. Coal mining is proceeding at a high percentage of full time operations, with the situation clarified by an extension to April, 1923, of contracts between operators and miners. Crude oil production is in greater volume than one year ago.

Grain and livestock are moving thru market channels in unusually heavy volume for this season of the year and flour milling and meat packing operations are exceptionally heavy.

More Stock on Feed

Much more stock is on feed in nearly every part of the Tenth Federal Reserve District. Kansas had approximately 10 per cent more cattle and 15 per cent more sheep, and lambs on grain feed January 1, 1923 than a year ago. This compares with an average increase of 25 per cent for cattle and 30 per cent for sheep in the 11 corn belt states.

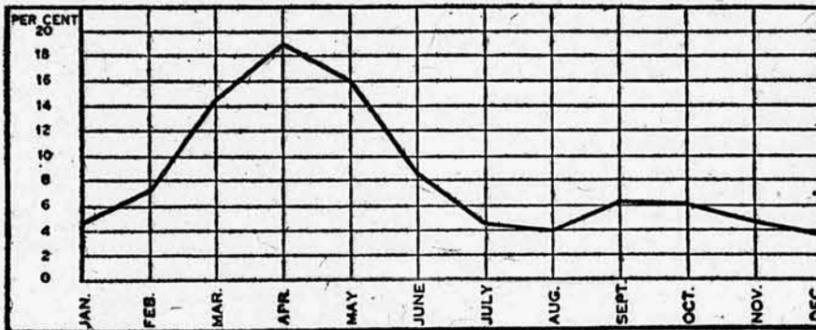
However a year ago feeding was unusually short, especially for sheep, and comparisons with 1921 would not show nearly so large increases. The largest increases in cattle feeding operations are in Nebraska, Iowa and Illinois. Gains of 35 per cent over last year are noted. The larger increases in sheep and lamb feeding are in Illinois, Wisconsin, Michigan and Nebraska of the corn belt, but even more significant is the increase in lamb feeding in Colorado where approximately 1 1/2 million are now on feed as compared with 1 million a year ago.

Heavy Purchases of Cattle

It is significant that Kansas is wintering an increased number of cattle over last year in addition to those being grain fed. Kansas operators have purchased in the last five months, from public stock yards, a total of 287,000 cattle stockers and feeders and 96,000 sheep and lambs as compared with 168,000 cattle and 69,000 sheep and lambs during the same period of 1921. During the last 12 months more stocker and feeder cattle have moved into Kansas from public stock yards than any year of record.

Big increases in the pig and calf crops are anticipated. An increase of at least 10 per cent is expected in the pig population and the peak of calf production will come next month. A study of the accompanying chart on this page will be of interest in that connection.

The market situation at this time



Half of the Calves of the United States are Born in the Three Spring Months, the Peak Being Reached in April As Shown in the Chart

will bear close watching by feeders and stockmen everywhere. Livestock prices at Kansas City for the most part show little change except for hogs which are 10 to 20 cents higher. Prices Monday were lower in all divisions, but since then the loss was regained. The low level for the year was recorded in the hog market on Monday, but since then higher prices have prevailed. Lambs are 10 cents higher than a week ago, and 15 cents under the high point Tuesday.

Receipts for the week were 35,300 cattle, 6,200 calves, 58,300 hogs, and 24,050 sheep, compared with 37,300 cattle, 6,550 calves, 67,086 hogs, and 30,250 sheep last week, and 34,775 cattle, 4,850 calves, 38,800 hogs, and 30,575 sheep a year ago.

Beef Cattle Top is \$10

After a rather sharp decline early Monday the fat cattle market strengthened and later regained the loss. Closing prices were fully steady with a week ago. Several bunches of fat steers bought on the local market and shipped to more Eastern points lost money, and the rally late in the week made local prices relatively high. Out-

side of a few steers that sold at \$10, the top price for a full carload was \$9.00, and other choice steers sold at \$9.10 to \$9.40. The bulk of the fat steers brought \$8.25 to \$9 and plain to fair steers \$7.50 up. A good many inferior steers brought \$6.50 to \$7.40. The bulk of the cows sold at \$4.50 to \$6.25 with a few prime cows up to \$7. Veal calves were \$1 lower.

Stockers and Feeders

Demand for stockers and feeders was active at firm prices. Recent rains have advanced the asking prices for steers in South Texas \$10 to \$15 a head, and this has increased demand on the local market.

High Point for Hogs is \$8.15

After touching a new low level for the season on Monday the hog market rallied in the next few days, and closed 10 to 15 cents higher than a week ago. The top price was \$8.15, and bulk of sales \$8 to \$8.15. Packing sows sold at \$7 to \$7.15, and pigs \$7.25 to \$7.50. With tax assessment date passed in Kansas, and farmers preparing for farm work indications are that next week's receipts will be light.

Choice light weight lambs were quoted at \$14.40 to \$14.60, strong weight grades \$14 to \$14.40, and heavy lambs \$12.25 to \$13.85. Yearlings sold up to \$12.75, wethers \$9.50, and ewes \$8.50. Prices were down 10 to 15 cents from the high levels of Tuesday.

Trade in horses and mules developed considerable volume this week at strong prices. There was demand for practically all classes.

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, 13 1/2 to 14 hands high, \$25 to \$90; 14 to 14 1/2 hands, \$50 to \$100; 15 to 15 1/2 hands, \$90 to \$150; 15 1/2 to 16 hands, \$100 to \$175; extra big mules, \$150 to \$175.

Dairy and Poultry Steady

Dairy and poultry are practically unchanged in prices, but eggs have declined 1 cent a dozen. The following quotations are given at Kansas City:

Eggs—Firsts, 26c a dozen; seconds, 23c; selected case lots, 31c.

Live Poultry—Hens, 19c a pound; broilers, 32c; springs, 25c; capons, 23 to 25c; turkey hens, 25c; old toms, 20c; geese, 13c; ducks, 16c.

Butter—Creamery, extra, in cartons, 52 to 54c a pound; packing butter, 28c; No. 1 butterfat, 43c; No. 2 butterfat, 40c.

Cheese—Longhorn, 27 1/2c a pound; Daisies, 26 1/4c; Flats, 26 1/4c; Prints, 27 1/4c; Brick, 25 1/4c; Twins, 25 1/4c; imported Roquefort, 44 to 45c; Limburger, 29 1/2c; New York Cheddars, 31c; imported Swiss, 47 to 48c.

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.

Kansas City Grain Sales

Rains and snows reported in various parts of the grain belt have had a bearish tendency on wheat futures. Moderate increases in receipts coupled with a very dull export demand and speculation about the world carry-over on wheat also caused a downward movement in the grain market.

Final prices showed declines of 1/2 to 3/4 cents for May. July and September wheat showed drops of 1/2 to 1 cent.

Some grain authorities now estimate the world carry-over on wheat for July 1 at 247 million bushels or about 69 million bushels more than for the same date last year. The amount for export on March 1 in the leading wheat producing countries is estimated at 371 million bushels. This includes 31 million bushels from Australia, 103 million bushels from Argentina, and 202 million bushels from the United States and Canada. The visible supply of wheat now in the United States is about 5 1/4 million bushels more than at this time last year.

Corn futures show considerable strength and final quotations were steady to 1/2 cent higher.

The following quotations on grain futures are given at Kansas City: May wheat, \$1.09; July wheat, \$1.05 1/4; September wheat, \$1.04 1/2; May corn, 71 1/2c; July corn, 72 1/2c; September corn, 72 1/2c; May oats, 43 1/4c; July oats, 42 1/2c.

Late cash quotations on wheat at Kansas City show a decided downward trend and prices on all grades (Continued on Page 36)

A Fine Job for a Young Man



The Farm Bloc Finds Numerous Problems to Handle But Unless All Signs Fail It Will Prove Equal to Every Emergency in the Next Congress

What's New in Livestock

BY OUR FIELDMEN AND REPORTERS

Swine Men Organize the Central Berkshire Breeders' Association

RECENTLY many Berkshire hog breeders met in Kansas City and organized the Central Berkshire Breeders' Association. The new association, organized at this meeting is for promotional purposes and is planned to served the fine livestock country to which the Kansas City market is central. They elected a secretary, a president and vice presidents for six states and these officers, or as many as attend called or regular meetings, constitute the executive committee for transacting the business of the new association. Very evidently the Berkshire is coming back.

The newly chosen officers are as follows: President, Ben Prigmore, Sweet Springs, Mo.; vice presidents, C. G. Nash, Eskridge, Kan.; R. M. Royce, Elk City, Okla., Henry Stoltenberg, Jr., Tilden, Neb., C. M. Hatch, Davenport, Ia., Thomas Richards, Vandalia, Mo., and a Colorado breeder to be named by the president. The secretary-treasurer is Wilbur Work Harris, La Mine, Mo. The dues are \$1 a year and the Berkshire men who know on which side their bread is buttered will lose no time in joining this association.

Shorthorns in Demand at Kinsley

J. P. Ray & Sons, Lewis, Kan., held their annual Shorthorn sale at Kinsley Kan., Tuesday, February 20. Forty cows, heifers and bulls averaged \$80 apiece. The top cow brought \$115. The bulls, several in number averaged \$102.50.

An interesting feature of the day was showing of calves from cows bought at the Ray sale last year. About \$100 in cash premiums went to owners of the best four calves as follows: Joe Barrett, Kinsley, Kan., \$50; Joe Carroll, Kinsley, Kan., \$25; Joe Barrett, \$15; and W. S. Winchester, Stafford, Kan., \$10. Half of the offering went to Meade and Gray counties.

Overstake's Duroc Jersey Hogs

Overstake Brothers of Atlanta, Kan., held their Duroc sale February 24. Threatening weather cut down the attendance and only a small crowd was present. Fifteen tried sows sold for an average of \$48.50 with a top of \$100. This sow, a daughter of Orion Great Sensation, was purchased by Clifford Scates, 16 years old, Atlanta, Kan., who also purchased the tried herd boar, Grand Master, one of the good sons of Pathfinder. Twenty-seven spring gilts sold in the sale at an average of \$30.36.

Many New Members Reported

Ninety eight new members from 24 states were added to the American Poland China Record Association during January and February. Iowa heads the list with 23, Illinois is second with 15, while South Dakota follows with 13. This remarkable addition to the membership indicates the healthy condition of the purebred swine business.

Barbecue at Wittum's Poland Sale

More than 300 persons attended the F. E. Wittum, Poland China sale at Caldwell, Kan., Monday, February 26. The crowd was served at noon with barbecued beef and "fixings" including hot beef soup. The day was raw and the beef and soup went fast while old-fashioned neighborliness reigned thruout the crowd. Altho the barbecue was an attraction the crowd was after hogs as was evidenced by the fact that 47 buyers bought 56 animals listed in the catalog, not counting those not so listed in the catalog. The offering was about equally divided between Kansas and Oklahoma buyers. Nineteen sows averaged \$80.75; five sows with pigs averaged \$72.50; 17 spring gilts averaged \$48.50, and the sale average on these 41 females was \$66.35.

Nine open gilts averaged \$35.85 and six boars averaged \$48.25. The top

was \$202.50 paid by Kennedy and Walker of Newkirk, Okla., for a daughter of Liberator out of a daughter of Giant Buster. The second top was \$145 for a daughter of Peter Pan, out of a daughter of Liberator to Roy Pect, Braman, Okla. Kennedy & Walker paid \$102.50 for a daughter of Giant Buster. The top boar, Designer Hercules by Designer out of Lady Hercules went at \$75 to Floyd Brian of Derby, Kan.

Reno County Duroc Sale

An even dozen Duroc breeders of Reno county consigned 35 sows and gilts to a sale at Hutchinson, Kan., Tuesday, February 27. The sale was held for the purpose of stimulation of more interest in Durocs in Reno county. The breeders did not expect to make much money but it proved to be a pretty good sale.

It was a very good offering for an

association sale. Thirteen sows averaged exactly \$50; 22 spring gilts averaged \$32.50. Sale average on the 35 head was \$39. The top was \$70 for a fall yearling daughter of Pathfinder Jr., out of a daughter of Jack's Orion King 2nd., consigned by W. H. Fulks of Langdon, Kan., and bought by Ralph Maughlin of Sylvia, Kan. Forty dollars was top for each of two litter mates, spring gilts consigned by P. F. McAtee of Arlington, Kan., and bought by A. P. Malone, Abbyville, Kan., and W. C. Epperson, Hutchinson, Kan. They were by Pathfinder Jr., out of a daughter of Great Sensation Wonder. Twenty-one buyers took the offering. W. H. Fulks, Langdon, Kan., and County Agent V. S. Crippen managed the sale.

The Australian tomato weevil (*Desiantha nociva* Lea) has been found by the United States Department of Agriculture to be established at a number of points along the coast of Mississippi in addition to the previous inland infestation. It is now reported from five distinct places in Harrison county, two in Stone county, and one in Jackson county in that state. This indicates that the original introduction occurred presumably at an earlier date than was heretofore supposed.

Hatch early. Early chicks mean early pullets, early pullets mean early eggs, and early eggs mean big prices.

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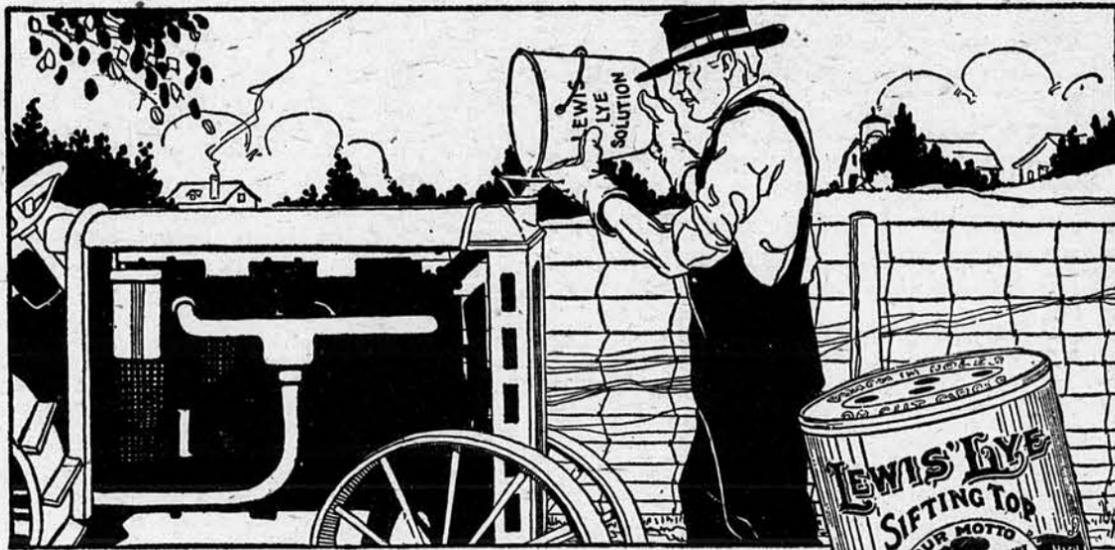
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DID you ever drain and clean a radiator and see the dirt, rust, sediment and scale which are removed from the radiator? A clogged radiator means an overheated engine which results in heavy oil consumption and the possibility of burned out bearings. It is easy to guard against this condition. A fifteen-cent can of LEWIS' LYE dissolved in five gallons of water and used according to directions will remove all rust and sediment from the radiator tubes. A few cents may save you many, many dollars.

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A LEWIS' LYE solution is absolutely the best cleanser for removing caked greases and oils from machinery and motor parts before repairs are made. Besides, it is safer than gasoline. No danger of fire. It is unequalled for cleaning garage floors. It is very active in removing old paint.

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These and many other uses for LEWIS' LYE are explained in our booklets "The Truth About a Lye" and "How to Clean Motor Equipment with Lewis' Lye." Copies of these valuable books should be in every American home. We will gladly mail them to you free upon request.

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Just a few uses for LEWIS' LYE



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Cleans garage floors—cuts grease and dirt on farm machinery



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"IT PAYS TO USE LEWIS' LYE"

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The 1923

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You can depend on the Papec for long, hard service. Ames Bros. of Weaver, Minn., write: "We are still using our N-13 Papec after nine years of service and it is going strong." Hook up a Papec to your Fordson or other light tractor. Even a farm gas engine 3 h. p. and up will run our smaller sizes.

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Raise Only the Best Calves

Good Foundation Stock is Required to Establish a Productive and Profitable Herd

BY J. H. FRANSEN



Well Raised Dairy Heifers Form the Foundation of Productive Herds; Anyhow It Does Not Pay to Raise Heifers From Cows of Poor Type

WELL raised dairy heifers form the foundation of productive dairy herds. It is doubtful whether it pays to raise any but the best heifer calves if it is the plan to have these calves when of milking age take places in the herd. Certainly it does not pay to raise the heifers from the least productive and poorest type cows in the herd if the owner desires to increase the yield of milk and butterfat and to improve the individuality of the cows in the herd. Even if all the heifers are raised doubtless some improvement can be effected thru the use of sires especially selected from high producing stock, but the improvement may be accomplished much more rapidly if the heifer calves from the best cows only are reared.

may be obtained by weighing the feed and milk during one day of each month and by testing a sample of milk from both milkings of that day for butterfat by the Babcock test. It is well to make these determinations more often if possible, but the records mentioned are a satisfactory guide in selecting the most profitable cows in the herd.

Causes for the Spread of T. B.

"How did tuberculosis get such a foothold in my herd?" is a question that has puzzled many a stockman. The following causes have been found by experts to be largely responsible for the prevalence of tuberculosis among cattle:

1. Bringing untested cattle into the herd.
2. The common drinking tank.
3. Common feeding troughs or pasture.
4. Nosing at fence lines or breaking thru fences.
5. Poorly ventilated barns or sheds.
6. Feeding of unpasteurized milk from infected cows to calves or hogs.
7. Unburned dead animals eaten or scattered by hogs or dogs.
8. Breeding to infected bull or serving cows outside tested herds.

There are other ways in which the disease can be spread, but undoubtedly stockmen can do much to check the inroads of this disease by reducing to the minimum danger from sources mentioned.

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.

Expensive Feeds Raise Milk Costs

Increased costs of all items which enter into the cost of milk production, chief among which are feed and labor, have materially raised the minimum limits of milk production which will equal the cost of production. With normal feed prices cows producing from 4,000 to 5,000 pounds of milk annually probably made a slight profit for their owners, but at present it is likely that 1,000 pounds more milk to every cow is needed every year to offset the greater expense of production. This means that cows of greater capacity and efficiency are an imperative need if an adequate supply of dairy products is to be maintained. Such cows must be raised, as there is not at present a sufficient number of these high producing cows, and to do this, selection must be rigidly practiced.

In order to select the most desirable calves it is essential that production records for each cow in the herd be kept. These records should include the amount of milk and butterfat and amount of feed consumed during each calendar year. Fairly accurate records

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Thousands in Use giving splendid satisfaction justifies investigating our wonderful offer: a brand new, well made, easy running, easily cleaned, perfect skimming separator only \$24.95. Skims warm or cold milk closely. Makes thick or thin cream. Different from picture, which illustrates our low priced, large capacity machines. Bowl is a sanitary marvel and embodies all our latest improvements. Our Absolute Guarantee Protects you. Besides wonderfully low prices and generous trial terms, our offer includes our—

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The Belgian Melotte Separator is the wonderful Self-Balancing Separator other like it.

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Runs so easily, bowl spins 25 minutes after you stop cranking unless you apply brake. No other separator needs a brake. Bowl chamber is porcelain lined.



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If you are tired of the daily drudgery of pushing heavy wheelbarrow loads of manure through barn yard mud and slush, or up a narrow, slippery plank; or of the and monotonous effort that it takes to do this chore every month in the year—if you want to make it an easy job, do away with its drudgery and have time for more productive work or for rest—get a Louden Manure Carrier.

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It's one of the most profitable pieces of equipment that can be installed in any barn. Takes out manure from 10 cows at one trip, and dumps it into pit, yard or spreader. Powerful worm-drive lifting device raises big loads easily. You can install the complete outfit yourself.

Leak-proof steel tub, welded to steel frame for greater strength. Load suspended squarely below center of track instead of on one side. Lift is directly vertical from each end of tub—does not bend ends of tub in. Roller bearing wheels run smoothly on Louden track which will carry double the load of any other track. Louden Manure Carriers installed 25 years ago are still giving daily satisfactory service.

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Swat the Scrubs

A Prolific and Profitable Cow

THIS cow owned by Mrs. J. DeWild of Edmond, Kan., has brought five calves in 21 1/2 months, four heifers and one bull. On March 7, 1921, she gave birth to a fine roan heifer; on January 27, 1922, brought one pair of twin heifers and on December 21, 1922, a pair of twins, one bull and one heifer. Then on the 29th of December, her first heifer, near 22 months old, gave birth to a fine bull calf.



From Left to Right is Shown the Cow Mentioned, Her Youngest Twins When 1 Month Old, the First Daughter 22 Months Old, Her First Twin When 1 Year Old and the Grandson.

ALL204 974977

Ben Rents a Truck Patch

Raising Vegetables Beats Harvest Work in Wheat Fields Says Pratt Boy

BY JOHN R. LENRAY

WHEN his son Benjamin told him early last spring that he was planning to go out with a harvest crew during the summer, W. A. Wood, superintendent of the Pratt schools began to worry. The average harvest gang, especially in these days of transient labor and unemployment in big cities, is not particularly high class as regards personnel. Members are inclined to be rough and tough. They are not especially suited as companions for high school boys.

Superintendent Wood wasn't anxious to have Benjamin spend the summer with a harvest gang altho he realized the boy was right in wishing to earn

alfalfa. It contained good soil and was well located for truck growing. An important fact was that the field was close to town. Water is only from 6 inches to 3 feet below the surface, giving a natural sub-irrigation. Cash rental of \$12 an acre was paid.

Several early crops were planted including peas, beans and onions. From one-tenth acre \$50 worth of peas were sold.

The bulk of Ben's crops, including Irish and sweet potatoes, peppers, cucumbers, tomatoes and other vegetables, was marketed after July 1 and brought in more than \$300. Expenses were about \$150.

The crop of Irish potatoes on a half acre was excellent. Unfortunately the market in Pratt was poor last year due to a good crop and the importation of southern potatoes which were dumped on the market by Wichita wholesale houses at a very low price. Six hundred pepper plants were produced, 10,000 sweet potato slips were set out and 1,500 tomato plants.

Ben and his father split fifty-fifty on the work. His father joined him for exercise and recreation and says he felt better last summer than for several years. He spent part of the afternoons and evenings out at the patch and became very much interested in truck production and the possibilities in its development by farmers who live in the Ninnescah Valley near town.

Venture Is Successful

"Leaving out of consideration the money Ben made out of his truck patch," said Superintendent Wood, "the venture has been a success. He naturally is a book worm. The truck farm has gotten him away from books and out of doors and has given him exercise which his body needs."

"To me the business has been of great importance. I have gotten better acquainted with my son by working with him in the field and helping him with his marketing problems than I could have done in any other way. We have become great pals. It is fine for a man to get out and work with his boy and let the boy do the bossing and take responsibility, offering only friendly advice. It does the father a world of good because he gets to see certain things from a point of view other than his own."

"I like trucking," said Ben. "I am going to grow truck again this year. I think it is better than working in the harvest field. I like to see things grow."

The six states leading in potato production in 1922 are Minnesota, Wisconsin, Michigan, New York, Pennsylvania and Maine, according to the United States Department of Agriculture. In 1921 the six leading states ranked as follows: Maine, New York, Minnesota, Michigan, Pennsylvania, and Wisconsin.

The commercial production of apples is estimated to have been about 15 per cent of the total crop in 1922, compared with about 20 per cent in 1921, according to the United States Department of Agriculture.

Production of peanuts in the United States declined from 841,474,000 pounds in 1920 to 829,307,000 pounds in 1921 and to 623,507,000 pounds in 1922, according to the United States Department of Agriculture.



Benjamin Wood, Truck Farmer

some money during vacation and that working in the fields would be good for his health.

He did not commit himself on the matter of harvest work and no more was said about it. One day the question of truck farming in the Ninnescah River Valley near Pratt came up. Several men have been making a success of trucking on a limited basis. Immediately Wood saw the solution of the summer work problem for his son.

He suggested to Ben that they rent a small acreage and work it during the summer, pointing out that the plan contained greater opportunities for earning money than working in the harvest field. At the regular harvest wage and estimating that Ben could get employment for 19 days, the most he could earn in that way was \$75. With any success at all it appeared that he could make two or three times that amount from a truck patch.

Ben decided to tackle the truck proposition. His father rented 2 1/2 acres of bottom land that had been in



Spring is Here

All out-of-doors is filled with the bleat of the lamb, the bawl of the calf, the grunt of the pig, and the whinny of the colt.

Youth asserting itself everywhere!

Keep their bodies healthy, and stomachs full.

You can then count on good growth—quick development—and begin to cash in on them before the summer-end.

Let

DR. HESS STOCK TONIC

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against disease, insurance of good appetite, good digestion. It keeps the worms away.

Then, there are the mothers:

Your COWS need it for its system-toning, bowel-cleansing, appetizing effects. Puts them in fine condition for calving.

Your BROOD SOWS will be relieved of constipation and put in fine fettle for farrowing.

Excellent for MARES in foal—and EWES at lambing time.

It makes for good appetite, and more milk to nourish the offspring.

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25 lb. Pail, \$2.25 100 lb. Drum, \$3.00

Excerpt in the far West, South and Canada.

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Herdsman Tells of Wide Experience with Kow-Kare

Paul A. Chadwick of Corona, Cal., writes us a typical letter on the results of his use of Kow-Kare in the dairy. He says:

"I am a herdsman for the Jameson Estate and I am having difficulty to convince the manager of the value of KOW-KARE. We are troubled with abortion, retained afterbirth, and barrenness, all of which I can prevent with KOW-KARE and I have had 100% results with barrenness, never in sixteen years with several thousand cows in several states failed to get cows with calf after three-months' continuous use. I have used about a ton of your product and some Ganget Remedy as well as Bug Balm. My father used KOW-KARE when I was very young and never had a case of abortion, and only one case of retained afterbirth in over twenty years."

That KOW-KARE can and does accomplish such wonderful results is not strange. The medicinal properties of the remedy build up and put into healthy operation the digestive and genital organs. It is in these organs that most diseases of cows are centered—and it is these same organs that regulate the flow of milk.

During the months of winter feeding the milk-making functions need outside support.



KOW-KARE furnishes this help. Just a tablespoonful in the feed twice a day for one week in each month will show a big increase in the yield of milk. The use of KOW-KARE before and after calving assures more robust cows and healthier calves.

We have a thirty-two page book that tells just what to do in case of cow illness. It is called "The Home Cow Doctor" and is yours for the asking. Thousands of cow owners ask for it each year.

Feed dealers, general stores and druggists have KOW-KARE—\$1.25 and 65c sizes. If dealer is not supplied, we will mail, postpaid, on receipt of price.

DAIRY ASSOCIATION CO., INC. Lyndonville, Vt.

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.

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These rare and curious plants grow and stay green by placing them in water; will also grow in light drained soil. When taken out of water they dry and curl up and go to sleep. They will keep in this state for years and awaken directly upon being put into water. It's an interesting and pretty house plant. To grow it, simply place the whole plant in water; it will open up and begin to grow in about twenty minutes; after that simply keep the roots in water; change the water every four or five days.

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 mailing and postage (5c in all). Subscription may be new or renewal. CAPPER'S FARMER, TOPEKA, KAN.

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Don't take any chances find out what an incubator is made of before you buy. Wisconsin are made of Genuine California Redwood. We give 30 Days' Trial 10-year guarantee. This famous 140-Egg Incubator only \$13.25. White Hot Air Brooder both only \$17.75

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180 Egg Size \$15.75, with Brooder \$22.00
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Incubators have double walls, air space between, double glass doors, hot water, copper tanks, self-regulating. Shipped complete with thermometers, egg tester, lamps, etc. Set up ready to run. Order direct or send for our new 1923 catalog, free—postpaid.

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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.

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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.

FREE Send name—card will do—for free book "How to Hatch For Profit," and low direct prices.

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Don't lose baby chicks in hatching. "I got 79 chicks out of 79 fertile eggs with a Favorite," writes John Klanner, 1004 E. Seventh Street, Alton, Ill. Poultry raisers who know use the FAVORITE INCUBATOR

Double-walled throughout, automatic heat control with heavy copper heating system, removable trays and accessible nursery—a champion hatcher at lowest price.

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Free circular explains 14 day GUARANTEE TO LIVE, under your care. 100% live delivery, post paid. Thirteen husky, pure bred varieties, from prize winners; culled and mated by a former Missouri College poultry expert. Reference, American Exchange Bank, Sedalia Hatcheries, Box X, Sedalia, Mo.

BABY CHICKS and hatching eggs from standard 200 egg hens.

20,000 chicks weekly. Low prices. Ten varieties. Delivery Free. 82 page chick book and catalog Free. Standard Egg Farms, Dept. E Cape Girardeau, Mo.

Capper Poultry Club

"Tune in" for Topeka and Hear About Our Surprise Gifts and Breeders' Prizes

BY HAZEL MAE FLANAGAN
Assistant Club Manager

DID you ever listen over a radio? It seems wonderful to put on the head-phones and turn two or three switches, then listen to the sweet sound of music from miles and miles away, yes, hundreds of miles away. If you could tune in on a radio now, what would you like to hear? I imagine you would like to hear the latest in club work, wouldn't you? Shall we pretend that all the club folks have radios and are going to listen in today? Let's put on the head-phones and listen. At first we would hear only a buzzing sound, which is called "static," but when the switches are properly adjusted we hear a voice saying; "This is the Capper Poultry Club Broadcasting Station." Let's listen and hear what this person has to say.

Breeders' Prizes Offered

Do you like to compete in races? Of course you do, or you wouldn't have joined the Capper Poultry Club. You read in the rules about the trophy cups and the prize money which are offered, but there isn't anything there to tell you about the breeders' prizes which are offered. I have two to announce to you this morning.

Mildred Ungeheuer of Centerville, who has been in the club for three years, is going to offer a Single Comb Rhode Island Red cockerel to the girl who wins the most ribbons on this breed at fairs and poultry shows.

Mrs. Frank P. Applebaugh of Cherryvale, who has offered prizes for several years, comes back again this year with two fine prizes. The first prize is a White Plymouth Rock cockerel to be awarded to the girl raising this breed who gathers the most eggs during the penning period. A setting of eggs will be awarded to the girl who ranks second in this breed.

Prizes for Last Year Arrive

My, how hearts go pit-a-pat when letters are opened that tell of prizes won, but when these prizes actually arrive hearts go pit-a-pat so fast they almost burst. Here's what Elma Evans says about the cockerel she won in last year's contest: "I will take a few seconds to write and tell you I have received my cockerel from Mrs. Finley. He most certainly is a beautiful bird and is so tame! It turned cold last night so I brought him in the house to keep his comb from freezing. Mamma was talking over the telephone this morning and he crowed just as loud as he could. Self-advertising, I think, don't you?"

"I received my rooster today and he surely is a beauty. During the three years I have been in the Capper Poultry Club, I have won \$36 and three roosters, of which I feel proud," writes Mildred Ungeheuer of Linn county.

Other prizes are reaching their destinations, too. The trophy cup reached

Rooks county safely. Esther Evans, leader in 1922, writes: "I received the cup Tuesday and my, it seemed much nicer and larger than it did at Topeka last fall. Everyone who has seen it surely thinks it is a beauty. I am going to have my picture taken with it real soon, and send you one. I certainly am proud of it."

Who Will be The Next?

Applications and recommendations still are coming on every mail and we're glad to receive them, but we want more. We have only one complete team now and that is in Linn

To Kansas Breeders

Can you imagine a poultry club race without breeders' prizes? It is true that we offer cash prizes, but it means a real goal to the girls raising different breeds to know that there is a trio, pair or cockerel at the goal for one of them. Kansas breeders have co-operated with the Capper Poultry Club in the past and I feel sure they will this year. We are looking forward to their offers with interest.

county. Lyon county has eight members; Greenwood and Reno counties have six members; Morris, Osage and Rooks counties have five members. Let's see who will be the next county to have a complete team. Do you remember the special county prizes explained in the rules? Wouldn't you like to have your county compete for that prize?

A Surprise Gift for You

Where is the girl who doesn't like a surprise? I think it is lots of fun to open a package when you have no idea at all what is in it. Do you know that if you enroll three new members we'll send you a surprise gift? The three recommendations must be on file in the office before the surprise gift is earned.

When you read this story there will be only a few weeks left in which to enroll in the Capper Poultry and Pig Clubs for 1923. If you have sent in your application, but have neglected to obtain the signatures for the recommendation blank, better hurry, for April 1 is the closing date. If you haven't sent in your application, but should like to, you have time enough to send it in and get the recommendation blank filled in. Fill in the application today and send it in.

"This is the Capper Poultry Club Broadcasting Station signing off," we hear the voice saying after the talk is over.

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas
Raymond H. Gilkeson, Pig Club Manager
Rachel Ann Nelswender, Poultry Club Manager

I hereby make application for selection as one of the representatives of _____ county in the Capper _____ Club.

(Write pig or poultry club)

I will try to get the required recommendations, and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning club work in the Kansas Farmer and Mail and Breeze, and will make every effort to acquire information about care and feeding of my contest entry.

Signed..... Age.....

Approved..... Parent or Guardian

Postoffice..... R. F. D..... Date.....
Age Limit: Boys 12 to 18; Girls, 10 to 18

Biggest Hatches Strongest Chicks

That's what you'll get with my Hatching Outfit, and I can prove it.

My new Poultry Book, "Hatching Facts," tells the whole story—gives newest ideas and easiest ways to make poultry pay—it's Free—write for it today. Learn the many advantages my Belle City has over the "old hen way," and the big money folks make using 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. \$6.95 buys 140-Chick Hot-Water Double-Walled Belle City Brooder. Or save \$1.95 by ordering \$18.95 ing Both together for only \$21.95 Buys 230-Egg Belle City Incubator, \$9.95 Buys a 230-Chick Brooder. Both Ordered Together — \$29.95

Express Prepaid

East of Rockies and allowed to points beyond.

With this Guaranteed Hatching Outfit and complete Guide Book for setting up and operating, you can make a big income. You can also share in my Personal Prize Offers of \$1000 in Gold without cost or obligation. Get an early start—Save Valuable Time—Order Now, or write me today for my new Free catalog "Hatching Facts"

A complete guide to success raising poultry for profit. Jim Rohan, Pres. Belle City Incubator Co., Box 21, Racine, Wis.

SHOEMAKER'S BOOK ON POULTRY

and Almanac for 1923 has many colored plates of fowls true to life. It tells all about chickens, their prices, their care, diseases and remedies. All about incubators, their prices and their operation. All about poultry houses and how to build them. It's an encyclopedia of chickendom. You need it. Only 20c. C. C. SHOEMAKER, Box 1239, Freeport, Ill.

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: Last spring my first incubator chicks when but a few days old began to die by the dozens with White Diarrhea. I tried different remedies and was about discouraged. Finally, I sent 50c to the Walker Remedy Co., Dept. 43, Waterloo, Ia., for a box of their Walko White Diarrhea Remedy. It's just the only thing for this terrible disease. We never lost a single chick after the first dose. We raised 700 thrifty, healthy chicks, where before we never raised more than 100 a year. I'd be glad indeed to have others know of this wonderful remedy. Ethel Rhoades, Shenandoah, Ia.

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. 43, 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. Red, Buff Orpingtons, Postpaid, 100% live delivery guaranteed. Catalog free. Box 287A.

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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 catalogue free. Write today. Superior Poultry Company, Box K F, Windsor, Mo.

CHICKS We ship everywhere. Safe arrival guaranteed. 20 thoroughbred varieties. Hatched right. Member Int. Baby Chick Assn. Catalog free.

Mammoth Hatchery, R. F. D. 15, Glen Elyn, Ill.

Free-Conkey's Poultry Book

80 pages check full of information about the feeding and rearing of chicks, culling of hens, etc. Tells how to keep chickens healthy and how to make them pay. Whether a beginner or a professional, Conkey's Book is worth dollars to you. Sent for 6 cents in stamps to pay postage.

THE G. E. CONKEY CO. 6520 Broadway, Cleveland, Ohio

When the Baby Chicks Come

Exercise and Proper Feeds Will Insure Sturdy and Healthy Fowls on the Farm

BY R. G. KIRBY



Young Chicks Must Have a Chance to Get Proper Exercise in Order to Prevent Leg Weakness and to Insure a Normal Healthy Growth in Every Way

IN OBSERVING the old hen on free range with baby chicks I have noted the chicks have sturdy legs and plump bodies and believe that exercise is an important cause of their condition. So I provide plenty of clean litter around the brooder deflector and make the chicks work for their scratch grain. Chicks that are outdoors on the ground seldom have leg weakness. Poultrymen are frequently advised to turn out the chicks despite the weather to prevent leg weakness. I find they cannot be turned out in cold, icy, damp winds, but leg weakness can largely be prevented during the first three or four weeks in a brooder house if the chicks are given proper care. I cut bluegrass and clover sods and place them near the deflector. The cold earth is soon warmed by the brooder. The chicks enjoy digging in the dirt and it gives them sturdy legs.

Grit is Always Important

Grit is a necessity for young chicks and must be provided before food. But I have seen this done to excess by sprinkling liberal amounts of sharp, glass-like commercial grit before the chicks until they filled up on that and neglected other feed. I have tried using sand as a source of grit and also garden loam which contained a quantity of small stones worked rather smooth by the action of nature. I have used several kinds of commercial chick grit, but I believe I have had less loss when using sand or garden soil as a source of grit.

Chicks thrive on sour milk and some poultrymen seem to think it best to give no water to the young chicks until they are several weeks old. I like to use the sour milk exclusively for two or three days and then supply both milk and water. It seems difficult for chicks near a warm brooder to properly quench their thirst with milk and I find they do better when water is supplied. The chill should be taken from the water before giving it to very young chicks. I also believe that the sour milk is better for the chicks when it is mixed with equal parts of water.

Green Feed a Necessity

I find that green feed is essential to a normal chick growth. Sprouted oats are best, but I often give only sliced mangels which have been finely diced. The chicks fight for the bits of succulent feed. Their keen appetite for such material proves its value in the ration. Chicks need the bulky green feed as well as the concentrated mash. I find

a great reduction in the digestive disorders among brooder chicks when plenty of green feed is available.

Chopped onion or apple is also greatly relished by the chicks. The fine clover chaff gathered around the mangers always carries many seeds and bits of green feed which help to add bulk to the brooder chick's ration.

The old-fashioned cornmeal mash used to be a standby for killing off brooder chicks. Now we know that the chicks need bone, blood and feathers as well as fat. The frame can be trimmed with fat after that frame is made. It takes protein to build up the body of the chick and this is obtained from the sour milk and the balanced growing mash. In general, I think the same materials that make a good laying mash for hens will also make a good growing mash for chicks.

I often take time on a sunny day to drive the chicks in and out of the brooder house several times as a form of education. Soon they learn to seek shelter in the brooder house, and if a storm comes up in the spring I have no trouble in getting the chicks all under cover without loss. I have faced a severe thunder and windstorm with the chicks from six brooder houses all young and scattering everywhere. I know the little rolls of wire are great chick educators and it pays to train the chicks before they are given too much freedom on the range.

Culling the chick flock is useful work. Chicks that are weak and listless can never be profitable. If you feel sorry for them, try to realize that they will never enjoy life anyway and that they may help to infect the healthy chicks. Protect the plump, sturdy, tight feathered chicks that grow rapidly by removing the culls.

The soybean can be grown successfully with corn and is becoming a very popular crop in the corn belt, as it can be hogged down and helps to balance the ration of corn. It can be grown on a wide range of soils, but inoculation is necessary when it is grown for the first time, says the United States Department of Agriculture. The hay from this crop contains a high percentage of protein and is palatable. This plant adds a great deal to the value of silage when it is grown with silage corn.

Your neighbor may know you have butter and eggs to sell, but they probably wish to sell theirs, too. Tell the folks who do wish to buy 'em by using an ad in some good paper.

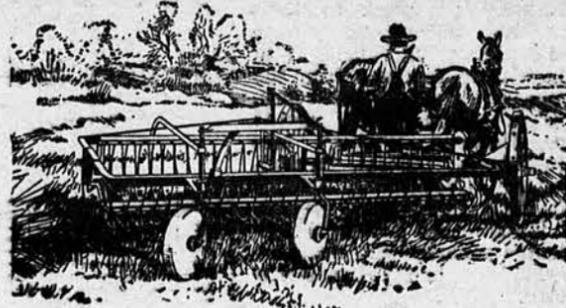
Feed Required to Fatten Livestock

HOW much feed does it take to fatten a carload of cattle, hogs, or sheep? Here are some figures based on investigations made by the United States Department of Agriculture:

Six hundred bushels of corn and 17 tons of hay will fatten 250 lambs weighing 55 pounds apiece and make them weigh 80 pounds each. This will make 1 double-deck carload.

Four hundred and fifty bushels of corn and 2,750 pounds of tankage or fish meal will fatten 70 hogs averaging 100 pounds, to 200 pounds, making 1 carload.

About 1,100 bushels of corn, 10 tons of alfalfa hay, and 5 tons of straw will fatten 20 steers averaging 850 pounds making them gain 325 pounds apiece in 180 days. This is an average carload.



Why Worry at Hay Time?

Haying comes at the busiest season and the weather can't be controlled. For this reason haying is always a rush job. Old, out-of-date haying machinery causes a lot of worry and often means a big loss in hay spoiled.

E-B Hay Tools take all worry out of hay time. They enable you to put up your hay in the shortest possible time and with the least work. E-B Standard and Osborne Mowers and Side Delivery Rakes, Tedders, Hay Loaders and Presses have proven their value by many years of profitable work on thousands of farms.

All E-B Hay Tools fully sustain our 70-year reputation for quality products. Now is the time to look over your old machinery to decide what you will need. Don't put it off. Order early so you will be sure to be ready for hay time.

Get our FREE BOOKLETS on making hay the E-B way. Write us today or see your E-B dealer.

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DEAN HARR'S Baby Chicks

Strong lively chicks from strains such as Thompson, Shepherd, Martin, Hillview, etc. Free Catalog desired, but to assure shipment when wanted, order direct from this ad—send 25¢ cash. Leghorns 25 for \$4.25, 50 for \$8.00, 100 for \$15.00, 500 for \$72.00, 1,000 for \$140.00. Burred Rocks, Reds, 25 for \$4.50, 50 for \$8.50, 100 for \$16.00, 500 for \$78.00, 1,000 for \$150.00. White Rocks, Wyandottes, Orpingtons, 25 for \$5.00, 50 for \$9.50, 100 for \$18.00, 500 for \$90.00, 1,000 for \$170.00. *Address and amount, 25 for \$5.00, 50 for \$11.50, 100 for \$22.00. We guarantee full live delivery and complete satisfaction. Poultry supplies.*

HARR FARMS CO., Box D502, Wichita, Kansas

POULTRY, PIGEONS and BABY CHICKS for PROFIT For a big book—an Encyclopedia of Poultry information. Many colored plates. Written by a man who knows. Low prices on Incubators, Brooders, Baby Chicks, Fowls and Eggs for Hatching. Write. Sent for 5 cents. **FRANK FOY** Box 109 Clinton, Iowa

BINDER TWINE CAR LOTS, Per lb. 9c
Small lots a shade higher. Agents wanted. Sample free. **Thos. H. Burt & Sons, Wethers, Ohio**

When writing advertisers mention this paper

Think You Can Spell

WIN an Incubator or \$150.00 Cash

INCUBATORS

How Many Words Can You Make From "Incubators"? Try It! Win This Prize!

Think you can spell? Then how many words can you make out of the 10 letters in I-N-C-U-B-A-T-O-R-S? Try it! We will give a prize of any standard Incubator, value up to \$150, or \$150 cash to the person who complies with the rules of this contest and sends in the largest list of correct words made from the letters in "Incubators."

FREE A Prize for Every List of 20 or More Words

If you make a list of 20 or more words and comply with rules, you may have choice of the following Prizes: FREE: 10 Beautiful Post Cards; Gluck Fowl; 10 Flint Agate Marbles; Rag Doll; Army Police Whistle. State choice.

Here are the Rules:

- (1) Make as many words as you can from the letters in "Incubators." A few of the words are bat, cubit, bun. Do not use more letters in the same word than there are in "Incubators." A letter cannot be used more than once in the same word.
- (2) To qualify for the Prize, every list of words must be accompanied by a remittance of 50 cents to cover a six months subscription to The Kansas Farmer and Mail & Breeze.
- (3) Proper names, prefixes, suffixes, obsolete and foreign words will not be counted. Words spelled alike but with different meanings will be counted as one word.
- (4) Winners of former Kansas Farmer and Mail & Breeze spelling clubs may not enter this contest.
- (5) Three disinterested persons will act as Judges. Their decision will be final.
- (6) Webster's New International Dictionary will be used as authority.

The Chance of a Lifetime to Win an Incubator

The winner may have his or her choice of any standard Incubator, value up to \$150.00, or may take \$150.00 cash. This is the chance of a lifetime to win an Incubator and one you should not overlook. Contest closes March 31, 1923.

Our Guarantee
We guarantee that the winner of this contest will be awarded his or her choice of any standard Incubator, value up to \$150, or \$150 cash, three impartial judges judging the lists submitted. In case of a tie, the prize will be awarded to each of the tying contestants.

THE CAPPER PUBLICATIONS

Send Your List Today

Incubator Club, The Capper Publications, Topeka, Kansas.

Gentlemen: I wish to enter your INCUBATOR Contest. I am enclosing 50¢ for a six months subscription to the Kansas Farmer and Mail & Breeze and am attaching my list of words.

My Name..... R.F.D.....
Town..... State.....
Send subscription to.....

WIN This Incubator or \$150.00 CASH

THE outlook for wheat and alfalfa was somewhat improved in Kansas last week by light rains that fell in many sections of the state. Rains varying from .12 to .85 inch were reported from the following places: Topeka, Lawrence, Junction City, Minneapolis, Great Bend, Hays, Parsons, Wichita, McPherson, Hutchinson, Liberal, Larned, Kinsley, Bucklin, Greensburg, Minnola, Burlington, Holsington, Smith Center and many other points. Pratt and Clay Center reported the heaviest and best rain that had fallen since last November.

More Moisture is Needed

Oats and spring pastures as well as wheat and alfalfa will be greatly benefited by the rain, but more moisture is needed to enable farmers to finish plowing and prepare seedbeds for early crops. Increased acreages are expected in corn, legumes and sorghums. The high prices that have been paid for broomcorn no doubt will cause an increased acreage to be planted to that crop in Southwestern Kansas. Much of the best grade of broomcorn classed as fancy whisk brush has brought thruout the winter as much as \$500 a ton, but if acreages are increased everywhere it is not likely that such favorable prices can be expected next fall.

It is still a little too early to make an accurate forecast of the wheat situation, but it must be admitted that under present conditions the outlook over a large part of the Middle West is not very favorable. During most of the winter the wheat has been in a dormant condition and it is difficult now to determine to what extent it has been damaged by the dry weather that has prevailed thruout this section since last November. Good rains in March and April will do much to improve the condition of the wheat crop but it is too late now to overcome entirely the effects of the long winter drouth.

Market Situation Analyzed

The market situation also is not altogether encouraging. European nations this year undoubtedly will do everything possible to increase their wheat production and if they meet with any degree of success they will have less occasion to buy American grain. The economic condition of these countries, however, is such that many of them cannot buy our wheat no matter how much they might be in need of it.

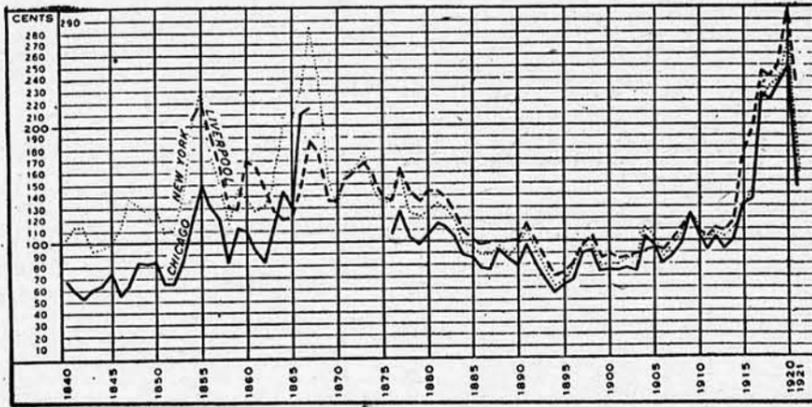
In this connection it might be well to remember that aside from the governing influence of the law of supply and demand the prices of wheat in all of the great markets of the world generally move together. The price in Liverpool usually is higher than in either New York or Chicago, but it is very difficult to compare prices in these three markets. It is not proper to take the difference in prices as the cost of transporting and handling the wheat between the different markets. The cost of transportation and charges for handling are two different factors in causing the difference in prices. Market quotations in New York and Chicago generally follow very closely the market quotations in Liverpool but certain conditions may so affect any one of the three markets as to throw it entirely out of line with the others.

The trend of the average annual price of American wheat in Chicago, New York and Liverpool from 1840 to 1921 is shown in the accompanying chart published on this page. The

Kansas Has Another Rain

Farmers are Busy Sowing Oats and Preparing Ground for Corn and Other Crops

BY JOHN W. WILKINSON



Trend of Average Annual Price of American Wheat in Chicago, New York, and Liverpool from 1840 to 1921; Note How Price Spread Has Decreased

chart shows that in general, the spread in price has steadily decreased thruout the years.

What the future holds in store for the American wheat grower no one knows. However, any attempt to answer this question requires careful consideration of long time trends along the following lines: First, prices and purchasing power of wheat; second, acreage, acre yields, and production; third, consumption and export; and fourth, the total population and the number of people living under rural and urban conditions in this country.

County Crop Conditions

Present indications are that a great deal of the wheat acreage in Kansas this year may be abandoned on account of poor stands, and will be planted in corn, sorghums or legumes. Farm work is well advanced and many farmers have finished sowing oats. A great deal of plowing for early spring crops has been finished, but in some counties the ground is now too dry to continue this work.

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:

Barton—The weather is dry and changeable but it has been ideal for stock raising. The open winter has made possible a great saving on rough feed. Farmers are engaged in cutting wood and caring for their livestock. Sickness of light and severe form is evident in almost every home. A few farms are changing hands. No road work has been done this winter because of the dry weather. Rural market report: Wheat, \$1.02; corn, 63c; butterfat, 42c; eggs, 27c; butter, 40c; hens over 4 lbs., 20c; light hens, 16c.—A. E. Greenwald.

Chautauqua—The month of February was very cold and the ground was frozen most of the time. When it wasn't frozen the farmers were either plowing or sowing oats. Many persons thruout the county have the "flu." Stock water is very scarce. Wheat needs moisture. Feed still is advancing in price. Rural market report: Eggs, 25c; butter fat, 43c; flour, \$2 sack; bran, \$1.50; shorts, \$1.65; corn, \$1.—A. A. Nance.

Coffey—Stock water is very low and the weather still is dry. Wheat, also, is greatly in need of moisture. The acreage of oats will be small. A few fields have been sown. Roads are in splendid order. Very little wheat is being held on farms. Rural market report: Seed oats, 70 to 80c; potatoes, \$1.70 a sack; corn, 75c; eggs, 28c; butterfat, 43c; wheat, \$1.—A. T. Stewart.

Dickinson—Altho this is just the first week of March, the weather is very much like spring. A light rain fell the first of the week but more is needed for the wheat.

However, the wheat seems to be holding its own. Farmers are preparing ground for oats. Disked ground will make a fine seed bed this time. A few farmers have their oats sown. If it continues warm all the oats will be planted two weeks earlier than in other years.—Frank M. Larson.

Ford—The weather is warmer but no moisture has fallen and the soil is very dry. Wheat is in a very unsatisfactory condition and much of it is dead. Stock is coming thru the winter in excellent condition. Very little wheat remains in the farmers' hands. Almost everyone has a bad cold or the "flu."—John Zurbuchen.

Geary—The first half of February was cold and windy. A light snow about the middle of the month is the only one we have had this winter. Wheat is in a satisfactory condition and the subsoil is moist. Much plowing has been done for spring seeding. Stock is wintering in fine condition. Everything but horses brings good prices at sales. Rural market report: Wheat, \$1.03; oats, 41c; seed oats, 75c to \$1; corn, 62c; eggs, 27c; hogs, \$8.90; heavy hens, 19c; butter, 45c.—O. R. Strauss.

Gove and Sheridan—The weather the last few days has been dry, changeable and threatening. Ground is being prepared for oats and barley. Wheat that was sown on heavy stubble and sod ground is in good condition. However, that planted on plowed and disked soil is unsatisfactory. Both the condition and the price paid for cattle are far from being satisfactory. The hog market is holding up well at fair prices. Much sickness is reported thruout the county. Rural market report: Eggs, 28c; butter, 40c; cream, 39c; hens, 18c; broilers, 24c; wheat, \$1; barley, 40 to 50c; oats, 55c.—John I. Aldrich.

Gray—Fine weather still continues but more moisture is greatly desired. Stock is doing remarkably well this winter. Feed is plentiful—stock is being ranged in stalk fields and very little feed is being fed in lots and barns. Very little field work is being done as the soil is too dry to work well. Not much grain is going to market at present. Rural market report: Wheat, \$1.05; corn, 65c; barley, 65c; cream, 42c; eggs, 25c.—A. E. Alexander.

Greenwood—Some farmers say their wheat is ruined by the freezing weather and the drouth while others say their wheat is all right. No moisture of any consequence has fallen yet. Not many sales are advertised. The oats acreage will be large if moisture is received before time for seeding. The ground is too dry to do much plowing. Many farmers are hauling in the oil fields.—A. H. Brothers.

Greenwood—Very dry weather. Farmers are sowing oats but they will not make a good stand without rain and some fields will not even sprout until it rains. Farm sales are numerous and everything but horses sells for good prices.—John H. Fox.

Harvey—The weather is cloudy and misty and looks favorable for rain. An unusually large number of cattle have been shipped to Kansas City the last few weeks, and good prices were received. Rural market report: Wheat, \$1; corn, 75c; butter, 45c; eggs, 26c.—H. W. Prouty.

Haskell—Spring sales are very common. Horses at most of the sales bring unfair prices while milk cows sell for more than they did last fall. Ground is dry and badly in need of moisture. Wheat prospects are not encouraging. Farmers are disking

for oats and barley. Rural market report: Wheat, \$1; corn, 75c; eggs, 22c; butterfat, 40c.—F. A. Sovereign.

Jewell—A little rain the first of the week brightened wheat prospects. Public sales are scheduled for almost every day and prices are good. One man reports \$4,600 cash collected from a \$5,000 sale. The ground, which has no frost in it, is being prepared for oats. Rural market report: Cream, 48c; eggs, 26c; oats, 40c; wheat, 98c; corn, 65c.—U. S. Godding.

Lyon—We have fine weather, but have had no moisture for six weeks. Wheat is not suffering yet, however. Not many public sales are being held. Fair prices are being paid for livestock at sales. Much building is in progress. Rayburn's big revival meetings are being conducted. Rural market report: Wheat, \$1; corn, 74c.—B. R. Griffith.

Marion—Farmers are busy preparing ground for oats as the weather is fair but still dry. Oat sowing probably will begin next week. All kinds of livestock are in excellent condition. Public sales are quite numerous and prices paid are fair. Rural market report: Wheat, \$1.03; corn, 70c; eggs, 24c; butterfat, 45c.—G. H. Dyck.

Morris—A light snow the middle of February is the only moisture that we have had since November. However, the ground works nicely and there seems to be plenty of moisture under the surface which is quite dry. Wheat is coming thru the winter in excellent condition. Sowing oats is the order of the day and same have been sown for two weeks. A larger acreage than last year will be put in. The kind of all kinds are wintering well. Feed will not be scarce. Public sales have been numerous with most everything selling satisfactorily. Horses have advanced in price during the last six weeks.—J. R. Henry.

Osage—With two more weeks of drouth wheat may be injured severely. A few farm tenants have sold their equipment and moved to town or elsewhere but their places are quickly taken and there now are no farms for rent. Some farmers would take half the war price for their farms. Everything sells for good prices except horses. Poultry and egg prices have advanced. Rural market report: Eggs, 28c; cream, 48c; butter, 50c.—H. L. Ferris.

Osborne—Farmers are wondering if it ever will rain or snow. No moisture to speak of has come for six months. Wheat does not show above the ground which is exceedingly dry. Things bring fair prices at public sales.—W. F. Arnold.

Rawlins—Very little moisture has come since last fall but still the wheat is in good condition. Good prices are paid at the public sales. All kinds of feed are plentiful. Rural market report: Alfalfa, \$8; cane hay, \$4; wheat, \$1; corn, 50c; barley, 45c; eggs, 25c; butter, 40c.—A. Madsen.

Reno—Windy, dry weather still prevails. Wheat and alfalfa are beginning to get green. Seedbeds for oats and barley are being prepared. Cattle and hogs are doing well. Public sales are numerous. Good young horses bring \$100; milk cows from \$50 to \$75; stock hogs, \$7. Rural market report: Wheat, \$1; corn, 65c; oats, 65c; barley, 70c; alfalfa, \$12 ton baled on track; prairie hay, \$8; eggs, 27c; butter, 23c.—Jas. Fraser.

Riley—Wheat fields are getting green altho the plants are very small. Only a small amount of moisture has fallen here this winter and the weather now is cold and dry. No farm work, except some plowing, has been done the last month. Most of the fat cattle and hogs have been shipped out. All kinds of livestock including horses, are bringing good prices at public sales. La grippe has made its appearance. Rural market report: Eggs, 25c; corn, 70c; wheat, \$1.02; shorts, \$1.50; hogs, \$7.60.—P. O. Hawkins.

Rooks—We have had nothing but dry, windy weather with no moisture. Not sufficient moisture for preparing ground for oats. A few sales are reported at which fair prices are being paid. Rural market report: Eggs, 25c; butterfat, 28c; wheat, 98c; corn, 60c.—C. O. Thomas.

Stafford—Altho the weather continues dry the wheat is apparently in good condition. Much corn has been shelled. There now is no demand for farm labor. Livestock is doing well and no losses have been reported. Not as many public sales are being held as usual for this time of year. Rural market report: Wheat, \$1.05; corn, 65 to 75c; eggs, 24c; butter, 40c; alfalfa, \$10.—H. A. Kachelman.

Sumner—Cloudy, damp weather prevails but very little moisture has fallen. Many fields of oats will not be exceedingly large. Most of the growing wheat seems to be in excellent condition. A few farm sales recently were held. Stock is doing fine this winter and cattle feeders are having fine success. Rural market report: Wheat, \$1; oats, 70c; corn, 75c; eggs, 26c; butter, 35c; butterfat, 47c.—E. L. Stocking.

Wabunsee—The moisture that came the first of the week was very beneficial to the wheat. It also will prove a great aid in husking fodder. There is a scarcity of stock water everywhere. Many cisterns are going dry. Rural market report: Eggs, 24c; flour, \$1.75; wheat, \$1; corn, 65c; cream, 42c.—G. W. Hartner.

Wilson—The first and only snow so far this winter did not cover the ground. Wheat (Continued on Page 36)



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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.

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SHEPHERD PUPS, GOOD ONES. MALES \$5.00. Fred Weihe, Lorraine, Kan.

FOX TERRIERS, COLLIES, BULL DOGS, pups a specialty. L. Poot, Dearborn, Mo.

CHOICE COLLIE PUPS, NATURAL HEELERS. Maxmeadow Kennel, Clay Center, Neb.

FOR SALE—TWO MALE HALF STAG, half grey hound, Frank Elliott, Onaga, Kan.

SHEPHERD PUPS; PARENTS NATURAL heelers. Female \$5, male \$10. Lyle Spear, Verona, Neb.

WANTED: YEAR OLD BULL DOG OR Airedale. Write particulars. Mrs. Chas. Burke, Barnes, Kan.

GERMAN SHEPHERD; AIREDALES; COLLIES: Old English Shepherd dogs; puppies. 10c illustrated instructive list. W. R. Watson, 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. Harvey Dog Farm, Clay Center, Neb.

POULTRY

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ANCONAS

ANCONA EGGS, COOKERELS. STATE Fair winners. Bargain prices. Sadie Miller, Meriden, Kan.

BLUE RIBBON, BEST DISPLAY WINNERS. Chicks 15 cents. Eggs \$7.00-10.00. Mrs. Carl Modine, McPherson, Kan.

SINGLE COMB ANCONAS, GREATEST winter layers. \$5.00 per hundred, \$1.25 per setting. Baby chicks, 15 cents. B. L. Taylor, Peabody, Kan.

PURE ANCONAS, SHEPPARD'S STRAIN, extra good layers. Chicks 14 cents; eggs \$6.00-10.00. Guaranteed live delivery. Prepaid. James Christiansen, Canton, Kan.

SINGLE COMB ANCONAS, SHEPPARD 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. Trapped, pedigreed, purebred stock. Mating list free. Third pen eggs, \$5.00 hundred; chicks, \$17.00. Martins' Ancona Pens, Brookville, 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.

Ancona—Eggs

PURE BRED ANCONA EGGS, 5 CENTS each, Kenneth Hakes, Clyde, Kan.

SHEPPARD'S ANCONAS, EGGS \$4.75-10.00, prepaid. Mrs. Anton Friska, Hanover, Kan.

S. C. ANCONA EGGS, RANGE, HUNDRED \$5.00; pens \$10 to \$15. Claire Conable, Axtell, Kan.

PURE BRED ANCONA EGGS \$5.00 PER hundred. Expert culled. Mrs. B. H. Bagley, Zenith, Kan.

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SHEPPARD STRAIN ANCONAS, 100 EGGS \$7.50 prepaid. Milk goats. The Anconary, McPherson, Kan.

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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.

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CLANIN'S HATCHERY CHIX 10 TO 18 cents. Jewell, Kan.

BABY CHICKS

WENGER'S S. C. W. LEGHORNS, BABY chicks 100-\$10.50, 500-\$50.00. Live delivery. prepaid. Jonas Wenger, Canton, Kan.

BABY CHICKS

BABY CHICKS FROM HIGH GRADE farm range flocks, White and Brown Leghorns 12c; Barred Rocks, Single and Rose Comb Reds, Silver Laced Wyandottes 14c. McMaisters Hatchery, Osage City, Kan.

Langshan—Eggs

WHITE LANGSHAN EGGS, \$7.00 PER 100. Alta White, Lewis, Kan.

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Leghorn—Eggs

BARRON STRAIN S. C. WHITE LEGHORN eggs, \$6.00 per hundred. A. Peterson, Mound City, Kan. ROSE COMB WHITE ELEPHANT LEGHORN eggs, \$5.00-100. Mrs. Phillip Gfeller, Chapman, Kan. WHITE LEGHORN EGGS, LARGE ENGLISH 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. ROSE COMB BROWN LEGHORNS, KULP strain, eggs \$5.00 per 100. Marcella Cronin, Burlington, Kan. CERTIFIED ROSE COMB BROWN LEGHORN eggs, \$6.00 hundred. Ernest Twining, Route 2, Ottawa, Kan. PURE S. C. DARK BROWN LEGHORN eggs, Russell strain, 100-\$5.00. Mrs. E. Trussel, Ellsworth, Kan. ROSE COMB BROWN LEGHORN EGGS, 5 cents each, prepaid. Mrs. Loy Melendrich, Powhattan, Kan. ENGLISH SINGLE COMB WHITE LEGHORN 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, EXCELLENT layers. Eggs 6 cents. Carl F. Fruetze, Route 4, Manhattan, Kan. EGGS FROM S. C. D. B. LEGHORNS, Everlay strain, \$4.00 per 100. Write Mrs. Leo Cameron, Colby, Kan. STATE CERTIFIED SINGLE COMB BUFF Leghorn eggs, 108-\$5.50, prepaid. Mrs. Warren Todd, Oak Hill, Kan. SINGLE COMB WHITE LEGHORN EGGS. High record pens. 15-\$1.50; 30-\$2.50; 50-\$3.50. Bachus, Abvillyville, Kan. PURE BRED ROSE COMB WHITE LEGHORN eggs \$5.00 per hundred. Mrs. Sadie Supple, Michigan Valley, Kan. PURE LARGE TYPE EVERLAY S. C. Dark Brown Leghorn eggs, \$4.50-100. Martha Greenwood, Clifton, Kan. PURE ROSE COMB DARK BROWN LEGHORN 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. 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. BARRON SINGLE COMB WHITE LEGHORNS from high egg strain; eggs \$4.00 per hundred. J. J. Naillieux, Concordia, 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. 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. EGGS—SINGLE COMB WHITE LEGHORNS. Bred for eggs, size, beauty, \$5-100. Mrs. Willard Bishop, Route 5, Emporia, Kan. SINGLE COMB BUFF LEGHORN EGGS, \$4.50-100. From prize winning stock. Extra layers. Mrs. Ernest A. Reed, Lyons, Kan. PURE BRED SINGLE COMB BUFF LEGHORN eggs \$5.00 per 100. Hoganized, mated, real layers. W. R. Nelson, Ellsworth, Kan. SINGLE COMB WHITE LEGHORN EGGS, per hundred \$5.00. Special pen matings \$3.00 per setting. R. C. Cornell, Las Animas, Colo. 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 Hammarlund, 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. TANCRED SINGLE COMB WHITE LEGHORNS. Flock from pedigreed 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. 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 Wilcoxen, Rt. 1, Ford, Kan. EGGS—FERRIS STRAIN SINGLE COMB White Leghorns, headed by cockerels direct from Ferris Farms. \$5.00-100. Oliver Spencer, Route 5, Newton, Kan. SINGLE COMB BUFF LEGHORN EGGS. State show winners. Pen .20c each; flock 50-\$3.50; 100-\$5.50. Postpaid. Mrs. Wm. Heussmann, Sterling, Neb. BARRON'S FAMOUS WHITE LEGHORNS. Hoganized hens, pedigreed cockerels. Free copy trapnested pedigree. Eggs \$7.00 per 100. O. A. Zickfoose, Rossville, Kan. PURE TANCRED S. C. W. LEGHORNS. Greatest laying strain in America. Eggs for hatching. Write for egg records, matings and prices. J. W. Zahnley, Manhattan, Kan.

Leghorn—Eggs

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 \$8.00 per 110 eggs from pen, prepaid. Dunlap, Kan. SINGLE COMB DARK BROWN LEGHORNS. Everlay blood predominating, sires direct. Winners, layers. Eggs \$5.50-100 postpaid. Mrs. Harvey Crabb, Bucklin, Kan. BARRON STRAIN SINGLE COMB WHITE Leghorn eggs, from heavy winter layers. Males from pedigreed mothers. \$6.00 per hundred. Sarah Hamilton, Nickerson, Kan. BARRON S. C. W. LEGHORN HENS, mated to cockerels from imported stock. Vigorous, healthy, farm flock. Eggs \$6.00 hundred, postpaid. Mrs. W. C. Wilcoxen, Ford, 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 BUFF LEGHORN COCKERELS, \$2.00 up. Best record in variety in two national egg laying contests. Certified. Eggs \$8.00 hundred. Mrs. C. H. Dear, Riverdale, 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. PURE ENGLISH WHITE LEGHORNS, closely culled by Scott. Extra winter layers. 250 hens averaged 152 eggs 1922. Eggs \$5.00; chicks \$15.00 per hundred, 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 400. G. F. Koch, Jr., Ellinwood, Kan. PURE TOM BARRON WHITE LEGHORNS, selected; large vigorous hens mated with pedigreed cockerels. 280-314 egg records. 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. ROSE COMB LIGHT AND DARK BROWN Leghorns on separate farm. Winnings 1922 were 31 firsts, 12 seconds, 5 thirds, and specials. Exhibition pens \$3.00 and \$5.00 for 15 eggs. Range \$5.00-per 100. Henry Moeller, Marysville, 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 hens, pullets, cockerels. Virgil Cooper, Jamestown, Kan. PURE TANCRED S. C. WHITE LEGHORN hatching eggs, \$5.00 hundred. All cockerels used sired by pedigreed males shipped direct from Tancred farm. Trapnested record 246 to 259 for four generations. Harry Lee, Route 5, Fort Scott, Kan. SINGLE COMB WHITE LEGHORNS. FERRIS Yesterlaid strain direct, bred for size, winter eggs. Mated to males from trapnested, pedigreed 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.

MINORCAS

BLACK MINORCA HENS, \$1.75. Baby chicks, 10 leading varieties. John Nead, Westphalia, Kan.

Minorca—Eggs

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 PULLETS, \$1.50, \$2.00, \$2.50 each. Champion strain. H. C. Davis, Denison, Kan. BYERS STRAIN OF BUFF ORPINGTON cockerels, a few left, will sell at \$3.00. Pleasant Hill Poultry Farm, Ellinwood, Kan. WHITE ORPINGTON COCKERELS, FINE breeders, sired by blue ribbon and high egg producing stock. H. M. Goodrich, 712 Topeka Avenue, Topeka, Kan. SINGLE COMB BUFF ORPINGTON EGGS. Hens from Sunswick, Owens, Martz and Byerstrain direct; Hogan tested. Mammoth Cook cockerels, from pen No. 1 direct. All range flock. 100-\$8.00; 50-\$5.00; 15-\$2.25. Chicks 25c each. Mrs. Ida Sheridan, Carretero, Kan.

Orpington—Eggs

BUFF ORPINGTON EGGS, \$5.00 PER HUNDRED. Jim Batterton, Preston, Kan.

Orpington—Eggs

EGGS—OWENS AND BYER STRAINS direct. Write J. W. Dickmann, Inmah, Kan. SINGLE COMB BUFF ORPINGTON EGGS, \$5.50-100. Heavy layers. Mrs. Fred Hyde, Altoona, Kan. SINGLE COMB BUFF ORPINGTON EGGS, 100-\$5.50, postpaid. Mrs. O. H. Coberly, Garnett, Kan. CERTIFIED S. C. BUFF ORPINGTON eggs, \$1.50-15; \$6.00-100. Mrs. Orrie Shaffer, Waverly, Kan. BUFF ORPINGTON EGGS; FREE RANGE, winter layers, \$6.00 per 105. D. H. Wenger, Peabody, Kan. CHOICE BUFF ORPINGTON EGGS FROM heavy winter layers, 15-\$2.00. Edward D. Krause, Hillsboro, Kan. CRYSTAL WHITE ORPINGTON EGGS, Kellerastrass, \$5.00 hundred. Gordon North, White City, Kan. STATE CERTIFIED 1923 BUFF ORPINGTONS, prizewinners; eggs \$2.00-15. Mrs. Frank Monroe, Waverly, Kan. BUFF ORPINGTONS, STATE CERTIFIED class B, range flock, \$6. 100; pen \$2.25, 15. Mrs. Harry Blythe, White City, Kan. SINGLE COMB BUFF ORPINGTON EGGS, \$5.00 per 100, \$2.50 for 50. The big kind, extra good layers. Russell Welter, Grantville, Kan. SINGLE COMB BUFF ORPINGTON hatching eggs, \$5.50 per hundred; \$1.25 per setting, 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. SINGLE COMB BUFF ORPINGTONS, carefully bred 13 years. Prize winners. Eggs, 100-\$8.00; 15-\$1.50, prepaid. Olive Carter, Mankato, 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.

PLYMOUTH ROCKS

PURE BARRED ROCK COCKERELS, \$2.00. Ida Ham, Burden, Kan. 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. BUFF ROCKS, PRIZE STRAIN, COCKERELS and eggs. Mrs. Robt. Hall, Neodesha, 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 BARRED ROCKS, PARKS 200 egg strain. Cockerels, Eggs. Catalogue. Gem Poultry Farm, Haven, Kan. BARRED ROCK IMPERIAL RINGLET. Thompson strain eggs, \$6-100; chicks 18 cents each. L. J. Cianin, Jewell, Kan. BARRED ROCK COCKERELS, \$3.00. Yellow 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. BUFF PLYMOUTH ROCK COCKERELS, bred from Kansas City, first prize winners. Even colored, from heavy layers, \$3.00 and \$5.00 each. Established twenty years. Catalogue free. C. R. Baker, Abilene, Kan. WHITE ROCKS, FANCY SHAPED COCKERELS \$1.50 to \$3.00. Farm flock eggs \$6.00 per 100. Pens \$3.00, \$5.00 per 15. Sweepstakes winners at Kansas State Fair five years in succession. Minnie Clark, Haven, Kan. IMPERIAL RINGLET BARRED PLYMOUTH ROCK cockerels. Largest Rocks in Kansas, from yards headed by 10 to 14 pound males. Chicks from same quality and size; 25-\$7.00, 50-\$12.00, 100-\$20.00. Eggs 15-\$2.00, 50-\$6.00, 100-\$10.00. Satisfaction. A. L. Hook, North Willow Poultry Ranch, Coffeyville, Kan.

Plymouth Rock—Eggs

BUFF ROCK EGGS, 100-\$5.00. John Melendrich, Morrill, Kan. EGGS; ARISTOCRAT BARRED ROCKS, 15-\$1.75. M. Morss, Cheney, Kan. PARK'S BARRED ROCKS, EGGS 100-\$5.00. Rena DeBusk, Macksville, Kan. BARRED ROCK EGGS, \$5.00 PER 100. MRS. Annie Galbraith, White City, Kan. WHITE ROCK EGGS, \$5 HUNDRED. Frank Applebaugh, Cherryvale, Kan. WHITE ROCK EGGS, \$4.00 PER HUNDRED. Irvin Kreutziger, Marion, Kan. RINGLET BARRED ROCK EGGS, \$5-100. \$3-50. Mrs. Lynn Bailey, Lyndon, 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. BARRED ROCK EGGS, 15-\$1.50; 50-\$3.50; 100-\$6.00. Sylvan Miller, Humboldt, Kan. 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 HUNDRED; setting \$1.25. Robert Martin, Madison, Kan. RINGLET BARRED ROCKS, HEAVY LAYING strain. Eggs \$1.25 per setting of 15; \$6.00 per 100. Mrs. Helen Romary, Olivet, Kan.

Plymouth Rock—Eggs

RINGLET BARRED ROCK EGGS, 100-\$4.50; setting 75 cents. Geo. Rhorer, Lewis, Kansas. BARRED ROCK EGGS, STATE CERTIFIED, Class A. Mrs. Oscar Murray, Protection, Kan. PURE BRED WHITE ROCKS, \$1.25-15, \$5.00-100. Selected eggs. T. V. Starr, Raymond, 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. 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. CERTIFIED WHITE ROCKS, SETTING \$1.50 postpaid. Mrs. Dora L. Thompson, Williamstown, Kan. WHITE ROCK EGGS; PEN 15-\$3.00; UTILITY 15-\$1.50; hundred \$7.50. Carl Keesling, Neodesha, 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. PURE BRED BUFF ROCK EGGS, FARM raised, \$6.00 per hundred. Mrs. J. M. Hoover, Lyons, Kansas, Route 2. PURE BRED BARRED ROCK EGGS, good winter layers, \$5.00 per 100, prepaid. Floyd Sellers, Galva, Kan. BARRED ROCK EGGS, HOGANIZED, heavy winter layers. 30-\$2.25, 100-\$6.00. Frank Armstrong, Columbus, Kan. WHITE ROCKS, PURE BRED, THOROUGHLY culled. Eggs \$5.00 hundred, postpaid. Mrs. Dallas Roach, Kiowa, Kan. WHITE ROCK EGGS, FLOCK HEADED by cockerels with 200 egg record and over. \$5.00-100. C. L. Loewen, Hillsboro, Kan. CHOICE WHITE ROCKS, HOGAN TESTED, farm ranged. Eggs \$5-100. Chicks 15 cents. Carl Erhart, Independence, Kan. WHITE ROCKS EXCLUSIVELY. FARM range. Heavy laying strain. Eggs \$6.00 per hundred. Mrs. Sam Lash, Abilene, 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 \$5.00, 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 TOPEKA winners. Eggs \$8.00-100. Mating list free. Elmer Bahnmair, Leocompton, Kan. LARGE, VIGOROUS, BRED TO LAY PURE Barred Rock eggs, \$1.25 per setting, \$6.00 per hundred. Mrs. Wm. Garretts, McPherson, Kan. BARRED ROCK EGGS, STOCK DIRECT from Parks, 200 and better strain. 32 years breeding for more eggs. R. B. Snell, Colby, Kan. WHITE ROCK EGGS FROM HIGH-RECORD trapnested stock, \$2.00 per 15, \$5.00-45, postpaid. Thomas Owen, Route 7, Topeka, Kansas. WHITE ROCKS, FARM RANGE, WON sweepstakes at Garnett show. Eggs \$6 per 100; pen \$5.00-15. E. A. Vanscoyoc, Mont Ida, Kan. BARRED PLYMOUTH ROCK EGGS FOR hatching. Broadly 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 Fogie, 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. 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. WE HAVE THE SAME MATING THAT we had last year. Every show in the Middle West had winners from our strain. Kelly and Silvers, Stafford, 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 Mallin, 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. EXHIBITION BARRED ROCKS, CERTIFIED flock; grade A eggs \$7.00-100. Special pens prize winners \$5.00, \$7.50, \$10.00 per setting. Wm. C. Mueller, Rt. 4, Hanover, Kan. PURE BRED, HIGH PRODUCING, WHITE Rocks. Sixteen years selective breeding. Eggs \$1.50 per 15; \$6.00 per 100, prepaid. Baby chicks 15c. H. L. White, Route 6, Independence, Kan.

Plymouth Rock—Eggs

LARGE BONE, YELLOW LEGS, HEAVY laying Barred Rocks. 100 eggs \$6.00; 15-\$1.25. Mrs. Ira Emig, Abilene, Kan.

RHODE ISLANDS

LARGE DARK RED R. C. REDS, GUARANTEED. Highland, Hedrick, Iowa. DARK RED ROSE COMB COCKERELS, \$3.00 each. Chas. Ballew, Almena, Kan.

Rhode Island—Eggs

ROSE COMB RHODE ISLAND EGGS, 100-\$5.00. W. L. Horton, Madison, Kan.

SINGLE COMB REDS, RICKSECKER strain. Blue ribbon winners. Eggs \$1.50 setting, \$6.00 hundred. Mating list now ready. C. R. Mace, Garnett, Kan.

LARGE, DARK RED SINGLE COMB EGGS, 15-\$1.50; 100-\$7.00. From prize winning trapped stock, records 237-264. Mrs. Frank Smith, R. 2, Lawrence, Kan.

ROSE COMB REDS, WINNERS AT LEADING shows. Mated pens. Flock eggs \$3.00-100, postpaid. Fertility guaranteed. Mating list. Mrs. E. C. Grizzell, Clifton, 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.

SINGLE COMB REDS, WON SWEEPSTAKES. Best shape, size, color. Tompkin and Summerwells strain. Eggs \$6.00-100, postpaid. Mrs. Dan Williams, (nee Trapp) Wetmore, Kan.

SINGLE COMB REDS, QUALITY FLOCK of uniform, dark, state certified Reds, selected and bred for eggs. Splendid males of exhibition quality. Eggs 100-\$8.00, 15-\$1.50. Special matings 15-\$6.00. Mrs. Sophia Lindgren, Dwight, 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.

MAMMOTH BRONZE TOMS, 22-24 lbs., \$10. Emma Darrin, Basil, Kan.

PURE BRED BOURBON RED TOMS, \$8.50. Enma Lovgren, Winkler, Kan.

BOURBON RED TOMS \$7.00; EGGS 50 cents. Rosa Jones, Speed, Kan.

WHITE HOLLAND TURKEY TOMS, \$10 each. Mae Reynolds, Mende, Kan.

MRS. BURG, LAKIN, KANSAS, BETTER Bronze Toms, \$10 to \$25. Booklet.

WHITE HOLLAND TOMS, BIG-BONED, \$12.00. Tom Hash, Fredonia, Kan.

WHITE HOLLAND TOMS AND HENS. Cora Trapp, Waldo or Russell, Kan.

WHITE HOLLAND TURKEY TOMS FOR sale. J. I. Horton, Arlington, Kan.

WHITE HOLLAND TOMS, 23 LBS., \$10 each. Mrs. Mike Wedman, Danville, Kan.

BRONZE TOMS, BURBANK STRAIN, TOM \$10.00. Mrs. Chas. Forsyth, Howard, Kan.

FINE LARGE PURE BRED BOURBON Red Toms, \$10. Ernest Stielow, Russell, Kan.

MAMMOTH WHITE HOLLAND TOMS, 25 to 28 lbs. \$10. F. C. Browne, Burdette, Kan.

GOLDBANK MAMMOTH BRONZE TURKEYS, Toms \$12.00 each. Ora Yapp, Esbon, 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, \$10.00; 24 to 28 lbs. June hatch. Mrs. Lora Snodgrass, Augusta, Kan.

TOMS, WHITE HOLLAND, \$10.00; LATE Mammoth Bronze \$8.00. Lester Alexander, Pierceville, Kan.

MAMMOTH BRONZE TOMS, LARGE WELL marked, \$5.00 reduction. Fowler Bros., Route 3, Russell, Kan.

PURE BRED MAMMOTH BRONZE TURKEY eggs. Also toms and cockerels. Clayton Bentley, Jerome, Kan.

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, Agendia, Kan.

MAMMOTH BRONZE YOUNG TOMS, 29-36 lbs. Parent hens 22 lbs. Sire 46 lbs. Money back guarantee. Elmer Harris, Medicine Lodge, Kan.

BEAUTIFUL GIANT BRONZE TOMS \$16, hens \$12. Ringlet Barred Rocks \$1.50. White Pekin Ducks \$1.50. Mrs. Ed. Lockwood, Kinsley, Kan.

Turkey—Eggs

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

WHITE WYANDOTTE COCKERELS, Keeler's, now \$2.00 each. Henry Keller, Geneseo, Kan.

CHOICE SILVER WYANDOTTE COCKERELS, price \$2.00 to \$5.00. Henry L. Bruyher, Newton, Kan.

WHITE WYANDOTTE COCKERELS, \$2.00 each; eggs \$5.00-100. Mrs. Sherman Robinson, Simpson, Kan.

"BEAUTIFUL" SILVER WYANDOTTE cockerels, \$3, \$4, \$5, \$10. Eggs. Mrs. Edwin Shuff, Plevna, Kan.

PARTRIDGE WYANDOTTES—LARGEST winners, grand champion Kansas, biggest show this season. Cockerels \$5.00. Satisfaction guaranteed. F. R. Beery, Leavenworth, Kan.

50 REGAL WHITE WYANDOTTE COCKERELS, \$3.00 to \$5.00. Chicks 25-\$7.00, 50-\$12.00, 100-\$20.00. Eggs, 15-\$2.00, 50-\$6.00, 100-\$10.00. Satisfaction. North Willow Poultry Ranch, Coffeyville, Kan.

Wyandotte—Eggs

COLUMBIAN WYANDOTTE EGGS, 15-\$1.00. Harrison Schroeder, Hillsboro, Kan.

WHITE WYANDOTTE EGGS, \$4.00 PER 100. Mrs. Anna Larson, White City, Kan.

WHITE WYANDOTTE EGGS \$4.00 HUNDRED. Sam Boyd, Route 2, Gardner, Kan.

WHITE WYANDOTTE EGGS, FINE stock. \$6.00 hundred. Bachus, Abbyville, 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, Wilsey, Kan.

COLUMBIAN WYANDOTTE EGGS, \$1.50 per 15, postpaid. O. C. Sharits, Box M, Newton, Kan.

SILVER WYANDOTTE EGGS, \$4.50 A hundred. Chicks. Utility stock. Mrs. John Klein, Aulne, 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.

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.

WHITE WYANDOTTE EGGS, \$6.00 PER 100. High per cent fertility. E. F. O'Keefe, Bucyrus, Kan.

SILVER LACED WYANDOTTE EGGS, \$6.00 per 100. Todd's strain. C. C. Abercrombie, Barnard, Kan.

WHITE WYANDOTTE, KEELER STRAIN, fine layers, 8 cents. Mrs. Jerry Melcher, Caldwell, Kan.

WHITE WYANDOTTE EGGS FOR HATCHING; 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.

PLOCK'S WHITE WYANDOTTE FARM, Clay Center, Kan., Henrietta Strain; eggs \$8.00-100. Free mating list.

SILVER WYANDOTTES; PEDIGREED, trapped; eggs 15-\$2.00, 100-\$8.00. Prepaid. Clarice E. Sitterly, Salina, 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.

WHITE WYANDOTTES, STATE CERTIFIED. Some winners. Eggs \$6.00 per hundred. Gertrude Klingenberg, Grdley, Kan.

PURE BRED WHITE WYANDOTTE EGGS for sale. \$2.00 for 15; \$3.75 for 30; \$10 for 100. Donald V. Ricketts, Fontana, 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.

SKALICKY'S SILVER LACED WYANDOTTES, bred from prize winners. Eggs \$7.00-100; chicks 18 cents. Fred Skalicky, Wilson, 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, CERTIFIED stocks, \$6.00-100. Special pens, winners at large shows, \$3.50-15, \$6.50-30, \$10.00-50. Mrs. Geo. Phegley, Lincoln, Kan.

WHITE WYANDOTTE EGGS, \$1.50 PER 15; \$3.00 per 100. Martin-Keeler strain. Cockerels in use from blue ribbon stock. Pure white. Place orders now. E. J. Otto, Riley, Kansas.

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.

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63 VARIETIES FINE PURE BRED Poultry, stock, eggs, chicks. Large catalog 5c. A. A. Ziemer, Austin, Minn.

1949 COCKERELS, 49 VARIETIES. HATCHING eggs. Baby chicks. Free Book. Aye Bros., Blair, Neb. Box 5.

PURE BRED COCKERELS AND PULLETS: Rocks, Reds, Wyandottes, Leghorns, Langshans, Brahmans, Orpingtons, Bantams, Ducks, shipped on approval. We pay return express. Shenandoah Poultry Farms, Shenandoah, Iowa.

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 Brahmans, 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 "COLWELL'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.

Extra Quality Sires Important

Altho the sire and the dam contribute equally to the heredity of an animal, the influence of the sire in a herd or flock is much greater than any one of the females because in practically all cases a sire is the parent of a much larger number of offspring than the dam.

Figures kept by the United States Department of Agriculture, representing the proportion of males to females on more than 8,900 farms in 46 states, show that the male has from 13 to 30 times more influence than the female, among all classes of animals, in determining the character of the offspring.

These ratios are based on more than a million head of breeding stock listed with the department in the "Better Sires—Better Stock."

The figures show that on the average farm where purebred sires only are kept, there is one bull to 18 cows; one stallion to nearly 20 mares; one boar to 13 sows; one ram to nearly 30 ewes; one buck to 25 does, and one rooster to 21 hens. These figures show at once the economy of beginning improvement in animal breeding with the use of purebred sires.

The history of the Nation-wide movement for better livestock shows, however, that the use of purebred females quickly follows the use of purebred males. More than one-third of the female livestock and more than two-thirds of the female poultry listed in the better-sires campaign are themselves purebreds. This promises much more rapid improvement in the quality of the country's livestock than if purebred sires alone were used.

Many Changes in Arctic Weather

The Arctic seems to be warming up. Reports from fishermen, seal hunters, and explorers who sail the seas about Spitzbergen and the Eastern Arctic all point to a radical change in climatic conditions and hitherto unheard of high temperatures in that part of the earth's surface. The Weather Bureau of the United States Department of Agriculture is interested in the report made on this point by the American consul at Bergen, Norway, as conditions in the Arctic affect weather phenomena all over the earth. Arctic ice conditions are said to be exceptional in this particular region. Never before has so little ice been noted. One oceanographic expedition sailed as far north as 81 degrees 29 minutes in ice-free waters. The Gulf Stream was traced as a warm surface current beyond the 81st parallel. The warmth of the waters makes it probable that the favorable ice conditions will continue for some time.

Many old landmarks are so changed as to be unrecognizable. Where formerly great masses of ice were found there are now often moraines, accumulations of earth and stones. At many points where glaciers formerly extended far into the sea they have entirely disappeared. The change in temperature has also brought great changes in the flora and fauna of this portion of the Arctic. Former great shoals of white fish have disappeared from Spitzbergen waters and the seal catch is far under the average. Herring and smelt, however, have come in great numbers.

In contrast with the mild Arctic conditions in the vicinity of Spitzbergen, present advices seem to indicate an excess of ice accumulations in the Arctic north of Alaska and North America.

Fishing With Electricity

Sardine canneries along the Norwegian coast recently threatened with a complete lack of raw material owing to the fish remaining so deep as to render fishing impossible, have solved the problem of bringing the bristling to the surface by showing electric lights over the surface of the water. According to a report received by the Department of Commerce from Consul George N. Ifft, Bergen, many shoals of bristling had been sighted, but were immune from the fishermen on account of their depth. The electric searchlights playing over the surface of the waters in the fjords are luring the sardines into the cans.

POULTRY PRODUCTS WANTED

TENDENCY POULTRY MARKET LOWER. Ship immediately avoid loss. Coops loaned free. The Copes, Topeka.

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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.

SEND FOR FREE BOOK describing Great Northern Railway agricultural empire and opportunities for homeseekers. Low round trip homeseeker tickets. E. C. Leedy, Dept. G, St. Paul, Minn.

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.

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.

KANSAS

WESTERN KANSAS land, cheap. Easy terms. Write Jas. H. Little, LaCrosse, Kan.

CHOICE SMOOTH, improved 160, 2 miles from Garden City, Finney Co. \$18,000 or will sell part. O. L. Shults, Garden City, Kan.

320 SMOOTH fine farm, well improved, fine location, \$47,500-acre; terms to suit. Mansfield Investment & Realty Co., Healy, Kan.

HALF SECTION choice Sherman county unimproved land 8 mi. north of Goodland, Kan. E. B. Greiger, Goodland, Kansas.

80 ACRES, fine improvements, land lays extra good, all hog light, 3 mi. town. Kansas Land Co., Ottawa, Kansas.

80 A. \$50 PER A., 120 A. \$75 per A., 160 A. \$60 per A., 160 A. \$75 per A. All good imp. farms, extra good terms. Spangler Land Co., Ottawa, Kan.

FOR SALE—335 acres improved stock grain farm, with 30 cows, modern milking machine, \$20 day milk business. \$26,500. Third cash, balance time. W. A. Sturgeon, Larned, Kansas.

Makes 962 Miles in 25 Hours

Imagine driving from Kansas City to the Colorado line and back—a distance of 962 miles—in 25 hours and 58 minutes! That's the record hung up by Jack Harper, a Kansas City pilot. The trip was a test run for White Eagle gasoline and the Durant car. This phenomenal drive, made recently over the Golden Belt and Union Pacific highways, is still the subject of much comment in towns along the route.

Dainty Applique as Trimming

Nothing is prettier than dainty Applique fancy work. Applique Designs are particularly effective in decorating unbleached muslin aprons, bed spreads, dresser scarfs and the like.

We have arranged to give a complete set of Applique Designs in either old rose or blue to our readers. There are 66 designs including butterflies, geese, storks, morning glories, stars and anchors, candles, parrots and flower designs, besides many others. If you wish to do Applique work, be sure to write us about these designs. We will not ask you to do any canvassing to get them. Just send a postal-saying, "Please tell me how to get the beautiful Applique Designs." Address the Kansas Farmer and Mail and Breeze, Eighth and Jackson, Topeka, Kan.—Advertisement.

A whale skull, so large that it had to be sawed into eight pieces for handling and crating, was recently found on the shore of Alitak Bay, Alaska, by a representative of the Biological Survey, United States Department of Agriculture, who was in the Territory investigating the fox farming industry. First aid was given by the courteous skipper of a passing ship, who took it to a near-by cannery, from which place it was possible to send it to the states. In accordance with a co-operative understanding the skull was sent to the Smithsonian Institution at Washington, D. C.

Pay No Advance Fee

Don't give up on the real estate for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

KANSAS

GOOD STORE building and 12 acre suburban tract for sale. I. N. Chilcott, Mankato, Ks.

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, Godell, Kansas.

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. \$65 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 Weaskan. Agents wanted. C. E. Mitchem, Harvard, Illinois

40 ACRES, improved, 2 1/2 miles of Ottawa. Smooth land. Price \$5,000.00 Terms. Immediate possession. Mansfield Land Company, Ottawa, Kansas.

140 A. KAW BOTTOM, 5 A. bluegrass with watered walnut timber; 25 A. alfalfa, 25 to be sown this spring. Bal. cult. All good potato land. Price \$22,500. Dept. S, Mansfield Land & Loan Co., Lawrence, Kan.

560 ACRES 55 alfalfa, 175 cultivation, balance pasture and timber; new 8-room house, basement, good barn, never falling water. Priced to sell. Write owner J. J. Birkett, Reece, Kan.

240 ACRES LEVEL PRAIRIE LAND in Riley county, 150 A. in wheat, balance in cultivation; good improvements, good stockyards. Price \$150 per acre. Write for information. F. O. Clark, 725 Houston St., Manhattan, Kansas.

50 ACRES, modern home, 2 1/2 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

COMBINATION FARM

480 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.

160-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.

LAND AND PUBLIC SALE—5 mi. north, 1 mi. east of Oak Hill, 3 mi. west, 2 1/2 south of Idana, 2 mi. south of Miltonvale, Thursday, March 15, 11 a. m.

80 ACRES S. E. 1/4 Sec. 33, T. 8, R. 1, Clay Co. 30 a. grass, well and windmill. 50 a. cult. for spring. Mortgage \$2400, 6 yrs. **80 ACRES** adjoining, 40 a. pasture, 18 a. alfalfa, 10 a. in wheat, bal. spring crops; water piped to corral, cement tank, 3-room house, new barn, corn crib, granary, hen house, brooder houses, other outbuildings. \$2200 mortgage. Sell eighties separately. Occupancy in 3 days. Good terms. Cattle, hogs, implements, etc. Valorial Shields, Owner, R. 1, Miltonvale, Ks.

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LEVEL LAND in settled locality, near R. R., Baca Co., Colo. \$15 per A. Morris Land Co., Lawrence, Kansas.

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IRRIGATED CROPS NEVER FAIL

125 A. well improved. 82 1/2 A. irrigated. 50 A. alfalfa, \$27,000.
80 A. full water right, 1/2 in alfalfa. \$22,500.
115 A. improved, full water right, \$10,000.
40 A. full water right. Fine improvements. \$325 per A.
40 A. improved. Full water, \$8,000.
160 A. full water. Very finest improvements. All cultivated. To close estate, \$20,000.
166 A. improved. Excellent water right. \$32,000.
These lands are the very best in Colorado and are priced for cash. Write me for particulars and terms. Will Keen, Realtor, Pueblo, Colorado.

WESTERN COLORADO

MESA COUNTY offers more opportunities to the home-seeker and the investor than any other section of the Mountain States. Unlimited natural resources make it the Garden of the Rockies. 364 days of sunshine a year. Write us for information. THE MESA COUNTY CHAMBER OF COMMERCE Dept. CF, Grand Junction, Colorado.

COLORADO

2 GOOD stock ranches near La Junta, Colo. 310 and 480 acres. For full particulars write Mrs. Allen Turner, La Junta, Colo.

PARTIES DESIRING STOCK RANCH with running water in open range or good smooth wheat land will do well to write Steve Canfield, Holly, Colo.

FOR SALE TEN CHOICE SECTIONS, east of Cheyenne Wells, Cheyenne County, Colorado. Agents wanted. C. E. Mitchem, Harvard, Illinois

ARKANSAS

FREE HOMESTEAD land, healthful Ozarks. Raise corn, cotton, vegetables, fruit; deer, turkey, fishing. Particulars free. Write M. Decker, Norfork, 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, Mountainburg, Arkansas.

MISSOURI

LISTEN, 40 acre imp. farm \$1200. Good terms. Other farms. McGrath, Mountain View, Mo.

MISSOURI LAND BARGAINS—Send for free list. Box 198, 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 426-O, 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.

NEW YORK

NEW YORK State farm catalog and map free. Buffalo Farm Exchange, Buffalo, N. Y.

BEAUTIFUL HOME and Fruit Farm. Will net \$10,000.00 yearly. Write for description. Geo. L. Cooper, Lyndonville, N. Y.

OKLAHOMA

GOOD 160 FARM one mile from town. -100 acres fine level land in cultivation, balance pasture; some timber; no buildings. This will make you a good farm home. Price \$4200—\$1000 cash and 5 years on balance. Perry DeFord, Watonga, Okla.

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.

OHIO

FIVE ACRES, good improvements, orchard. Exchange for city, equal value. L. Benson, Bainbridge, Ohio.

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 me 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

TRADES—What have you? List free. Borsie Farm Agency, El Dorado, Kansas.

GOOD improved farm for sale or trade. J. M. Mason, 2274, Russell, Kansas City, Kan.

SOUTH MISSOURI FARMS for Western Kansas land. Mr. Crane, 434 Scarritt Bldg., Kansas City, Mo.

SALE, TRADE OR LEASE

FOR SALE, trade or lease, 2 story garage building. Large paint, repair and storage rooms. Shupe Realty Co., La Junta, Colo.

REAL ESTATE WANTED

FARM WANTED—Give description, cash price. R. E. Leaderbrand, Cimarron, Kan.

WANTED—To hear from owner of farm for sale. Mrs. W. Booth, Hipark, Des Moines, Iowa.

WE HAVE BUYERS for a number of farms. Price must be right. Describe full in first letter. Central Land Bureau, New Franklin, Mo.

CASH YOUR PROPERTY QUICKLY. Location immaterial. Give best price. Universal Sales Agency, Box 43, N. Topeka, Kans.

CASH BUYERS want Kan. and Colo. farms, spring delivery. Don't wait, write now. R. A. McNown, 329 Wilkinson Bldg., Omaha, Neb.

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Capper St., Chippewa Falls, Wis.

FARM BARGAINS WANTED. If your farm is in the bargain class send me description at once. Lawrence B. Rand, Box 135, Kansas City, Kan.

SELL YOUR PROPERTY QUICKLY

for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Neb.

LOANS AND MORTGAGES

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.

Real Estate Advertising Order Blank

(New Reduced Rates)

KANSAS FARMER and MAIL & BREEZE

Topeka, Kansas

RATES

50c a line for 1 time
45c a line per issue
on 4 time orders

Enclose find \$..... Run ad written

below times.

Name.....

Address.....

COPY

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 \$30 each, two for \$55. Farm located on state line 3 miles south of town.

JOHNSON & DIMOND, Fairbury, Neb.

Shepherd's Duroc Boar Bargains

A half dozen extra good ones to move quickly. By Sensational Pilot, 1921 Topeka g. c. out of Great Orion Sensation dam, and Sensational 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 \$20.00. Well bred. Crated. With pedigrees. Also fall gilts. J. E. WELLS, 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. Immuned.

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.

Very Choice Spring Gilts

Sired by Pathfinder's Orion, High Giant, Pathfinder's Disturber, and bred to Lincoln Commander, a son of The Commander, the 1922 grand champion. Shipped on approval. LEWIS SCHMIDT, BARNARD, KAN.

Larimore Bred Gilts

Some bred to Orion Commander 1st prize son of Commander, 1922 champion of Neb. Kan. Okla. Some bred to a son of champion Major Sensation Col. J. E. LARIMORE & SONS, GRENOLA, KAN.

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. Immuned.

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

200 Duroc Gilts

Bred for spring farrow to five State Fair prize winning boars. Special prices on carload lots. F. C. CROCKER, Box 8, FOLEY, NEB. Near the Kansas State Line.

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.

VICTORY SENSATION

Gilts bred to Great Pathmaster for March and April farrow. Cheaper than ever. Write me. B. R. ANDERSON, McPherson, Kan.

Zink Stock Farms Durocs

20 sows and gilts in our recent sale averaged \$106. 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

Valley Springs Durocs

Boars, bred sows and gilts; popular breeding; immuned. Pedigrees. Year's time. E. J. BLISS, BLOOMINGTON, KANSAS

Duroc Sensation Boars

September farrowing, out of prize winners; dandy pigs \$25 and up. CHAS. P. JOHNSON, MACKSVILLE, KAN.

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, Ks.

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. REG. OCT. GILTS, leading blood lines, big type, thrifty, will weigh about 125 lbs., at \$15 each. Conrad Knief, Sublette, Kansas.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM, Auctioneer 219 Beacon Bldg., Wichita, Kan.

Jas. T. McCulloch, Clay Center, Kan.

Homer Boles, Randolph, Kan. Purobred land sales and big farm sales. Write or phone as above.

Business and Markets

(Continued from Page 24)

are about 2 cents lower. The following prices on wheat are reported:

No. 1 dark hard wheat, \$1.14 to \$1.20; No. 2 dark hard, \$1.14 to \$1.20; No. 3 dark hard, \$1.14 to \$1.19; No. 4 dark hard, \$1.13 to \$1.17.

No. 1 hard wheat, \$1.10 to \$1.17; No. 2 hard, \$1.10 to \$1.16; No. 3 hard, \$1.04 to \$1.06.

No. 1 red wheat, \$1.25 to \$1.27; No. 2 red, \$1.22 to \$1.27; No. 4 red, \$1.13 to \$1.20.

Corn and Other Cereals

Corn is steady and in demand after a decline of 1 1/2 cents. Oats and kafir are steady and unchanged. The following prices are reported in Kansas City:

No. 2 white corn, 71c; No. 3 white, 70 1/2c; No. 4 white, 70c; No. 2 yellow corn, 72c; No. 3 yellow, 71 1/2c; No. 4 yellow, 71c; No. 2 mixed, 70 1/2c; No. 3 mixed, 70 1/4c; No. 4 mixed, 69 3/4c.

No. 2 white oats, 46 1/2c; No. 3 white, 46c; No. 4 white, 45c; No. 2 mixed oats, 47 to 48c; No. 3 mixed, 45 1/2 to 46c; No. 2 red oats, 53 to 63c; No. 3 red, 48 to 63c.

No. 2 white kafir, \$1.01 a cwt.; No. 3 white kafir, \$1.60; No. 2 milo, \$1.75; No. 3 milo, \$1.73 to \$1.74; No. 4 milo, \$1.71 to \$1.72.

Millfeeds Show Little Change

Millfeeds altho not in so strong demand show but little change. The following quotations are reported in Kansas City:

Bran, \$1.48 a cwt.; gray shorts, \$1.63 to \$1.65; brown shorts, \$1.48 to \$1.52; corn chop, \$1.47; linseed meal, \$53 to \$58 a ton; cottonseed meal, \$50; tankage, \$70 to \$75; alfalfa meal, \$25 to \$28; molasses alfalfa feed, \$24 to \$26; grain molasses horse feed, \$20 to \$22.50; grain molasses hog feed, \$33 to \$41.

Hay Prices Fairly Steady

Hay prices are fairly steady and quotations are unchanged. The following sales are reported at Kansas City:

Selected dairy alfalfa hay, \$28 to \$30 a ton; choice alfalfa, \$25 to \$27; No. 1 alfalfa, \$23.50 to \$25; standard alfalfa, \$21.50 to \$23.50; No. 2 alfalfa, \$17.50 to \$21; No. 3 alfalfa, \$16 to \$17.

No. 1 prairie hay, \$12.50 to \$14; No. 2 prairie, \$11 to \$12; No. 3 prairie, \$9 to \$10.50; packing hay, \$7.50 to \$8.50.

No. 1 timothy hay, \$16 to \$16.50; standard timothy, \$15 to \$15.50; No. 2 timothy \$13.50 to \$14.50; No. 3 timothy, \$11 to \$13.

Light mixed clover hay, \$15.50 to \$16.50; No. 1 light mixed, \$13 to \$15; No. 2 light mixed, \$12 to \$15.

Seeds and Broomecorn

The following quotations on broom-corn and seeds are given at Kansas City:

Broomecorn—Fancy whisk brush, \$450 to \$500 a ton; fancy hurl, \$450 to \$480; choice Standard broomecorn brush, \$425 to \$450; medium Standard, \$400 to \$425; medium Oklahoma Dwarf \$350 to \$380; common Oklahoma Dwarf, \$330 to \$350.

Seeds—Bluegrass, \$15 to \$30 a cwt., according to quality and quantity; cane, \$2.50 to \$3.50; alfalfa, \$10 to \$16; Sweet clover, \$9.50 to \$11.50; Sudan grass, \$9 to \$11; timothy, \$4.50 to 6.50; millet, \$2 to \$2.50; Red clover, \$14 to \$18; flaxseed, \$2.58 to \$2.59 a bushel.

K. S. A. C. Exports Two Bulls

The Kansas State Agricultural College recently exported two purebred dairy bulls to the Republic of San Domingo in the West Indies. These are the first dairy cattle sold beyond the borders of the United States by the Kansas State Agricultural College. The bulls had to pass most rigid health requirements, and be immunized against Texas fever, which affects cattle imported into the tropics. They were bought by Dr. Frank Hare, who is in charge of the animal breeding experiments conducted by the Dominican government.

The Holstein bull purchased was a 6-months old calf, K. S. A. C. Sir Korndyke Conqueror. He is a son of the college junior herd sire. His dam is Maid Wayne Canary who has a semi-official record of 8,801.6 pounds of milk and 292.02 pounds of butterfat as a junior 2-year old. The Jersey bull selected by Dr. Hare

was also a 6-months old calf. He was sired by Jolley Topsy's King. His dam is Rosalpa Golden Fern, who qualified for the Register of Merit as a 2-year-old, making 6,638.2 pounds of milk, 369.25 pounds of butterfat.

It was necessary to select calves under 1 year old so they could be successfully immunized against Texas fever. That the Dominican government would come to Kansas for bulls to be used in experimental breeding, to improve the cattle of that country speaks well of the reputation held by the Kansas State Agricultural College's dairy herd.

Livestock Shipping Associations

Farmers' Bulletin, No. 1292, entitled, "Organization and Management of Co-operative Livestock Shipping Associations," recently published by United States Department of Agriculture, discusses the benefits to be derived from marketing livestock thru co-operative shipping associations.

The reasons for co-operative shipping, the origin and extent of the movement, the form of organization and incorporation, and methods of operation are among the subjects considered in the bulletin. A suggested form of bylaws for co-operative livestock shipping associations is given in the appendix.

Copies of this bulletin, which supersedes Farmers' Bulletin No. 718, "Co-operative Livestock Shipping Associations," may be obtained free

KANSAS FARMER LARGELY RESPONSIBLE FOR GOOD SALE

Thanks for the pig club buy and rest assured that I will gladly do all I can for any purchaser of my bred gilts, and especially for pig club work.

The good advertising carried by Kansas Farmer was very largely responsible for the good sale. We had an immense inquiry for sale catalogs. Had to have 1000 printed.—E. G. Hoover, Breeder of Duroc Hogs, Route 9, Wichita, Kan.

upon request, from the Division of Publications, United States Department of Agriculture, Washington, D. C.

Talks Tractors at K. S. A. C.

"Some Principles to be Considered in Selecting Farm Tractors," was the theme of the address given here recently by Professor O. W. Sjogren of the University of Nebraska.

Professor Sjogren explained the law passed in Nebraska in 1919 requiring all companies placing tractors on sale in the state to pass a tractor test conducted by the university. The tractors must conform to certain requirements before they can be placed on the market. These tests have brought out many interesting points which should be considered in purchasing a tractor for farm use.

One of the important things to be considered is the service which the company can give in getting repairs to the purchaser. Other factors to be considered which were discussed in detail by Professor Sjogren were the simplicity of the machine, the water consumption, the fuel required, the governor, belt pulley, guiding apparatus, and the comfort of the operator while driving the tractor.

Particular stress was given to the fact that the operator must understand the working parts of the tractor and the function of each part. No tractor will run indefinitely without repairs and adjustments, and the successful operator is the man who understands his machine so that he may do his own repair work.

Professor Sjogren has charge of the tractor tests for the state of Nebraska.

Kansas Has Another Good Rain

(Continued from Page 30)

and alfalfa are badly in need of more moisture. Much more plowing than usual has been done this winter for spring crops. Stock is coming thru the winter in good condition. Rural market report: Corn, 85c; wheat, 90c.—S. Canty.

Colorado Crop Reports

Cheyenne—The weather still is dry altho we recently had some snow. Not all of the

HAMPSHIRE HOGS

Start Right and Right Now With Silver's Hampshires

BUY YOUR BRED SOW BY MAIL—From reliable breeder who specializes in mail order trade. 300 Fread Sows and Gilts, 36 Boars, all cholera immune, to select from. Same breeding as our Grand Champion Carload which won OVER ALL BREEDS at the AMERICAN ROYAL. Write for private sale lists which give pedigrees, weights, descriptions. Also ask for catalog of March 6 sale held at Stock Yards pavilion, Kansas City, Mo. WICKFIELD FARMS, Box 8, CANTRIL, IOWA F. F. Silver, Prop.



200 Hampshires

For sale.—Bred sows and gilts, fall plus, both sexes. All immuned. Best breeding. Walter Shaw, Telephone Derby, Kan., or address Rt. 6, Wichita, Kan.

Whitway Hampshires Shipped on Approval

Winners at the American Royal and the Chicago International. Choice spring gilts, big stretchy kind, weighing 300 lbs., either by or bred to grand champion boars. Fall pigs, pairs and trios. F. B. WEMPE, FRANKFORT, KANSAS

Reg. Hampshire Prize Winning Stock

Fall plus, 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., cholera 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. Cholera immuned. Closing them out cheap. Bred gilts all sold. Write or call E. M. Reckards, 817 Lincoln St., Topeka, Kansas.

O. I. C. PIGS \$10.00 EACH

Bred sows. E. S. ROBERTSON, Republic, Mo.

O. I. C. PIGS

HARRY HAYNES, GRANTVILLE, KANSAS

CHESTER WHITE GILTS. Bred for spring farrow; vaccinated double method; \$30 to \$35 each. W. H. Lynch, Neosho Rapids, 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

Copper Farm Press, Topeka, Kan.

WHERE TO WRITE OR TELEPHONE

About Livestock Advertising

Following are the addresses of the men who handle livestock advertising for the Kansas Farmer-Mail and Breeze and also the Oklahoma Farmer, the Missouri Ruralist and the Nebraska Farm Journal:

John W. Johnson, fieldman for northern Kansas, 820 Lincoln St., Topeka, Kan.

J. T. Hunter, fieldman for southern Kansas, 427 Pattie Ave., Wichita, Kan.

Stuart T. Morse, fieldman for Oklahoma, 831 Continental Bldg., Oklahoma City, Okla.

O. Wayne Devine, fieldman for northern Missouri, 1407 Waldheim Bldg., Kansas City, Mo.

Charles L. Carter, fieldman for southern Missouri, 1407 Waldheim Bldg., Kansas City, Mo.

Jesse R. Johnson, fieldman for southern Nebraska, 227 South 13th St., Lincoln, Neb.

R. A. McCartney, fieldman for northern Nebraska, 227 South 13th St., Lincoln, Neb.

W. J. Cody, officer manager, or T. W. Morse, director, care address below.

Notice: Orders for starting or stopping advertisements with any certain issue of this paper, should reach this office on or before Saturday, seven days before the date of that issue. Instructions mailed as late as Friday evening on advertising to appear the following week, should be addressed direct to

THE LIVESTOCK SERVICE.

Copper Farm Press, Topeka, Kansas.

fields of wheat are in good condition but a few fields have made splendid growth and are nice and green. Cows and horses sell for unfair prices at sales. Rural market report: Butterfat, 43c; eggs, 35c.—J. W. Adams.

Meas.—The weather is exceptionally fine. Pruning and other such work in orchards will soon be finished. Several farms recently were sold for fair prices. Rural market report: Eggs, 30c; hens, 16c; potatoes, 60c a hundred.—Geo. Rand.

Morgan—Owing to the fine winter, livestock is in good order. Much manure is being hauled out on fields for fertilizing pur-

ALJ204 974977

Guaranteed to Rid Your Hogs of Worms

Midwest Hog Remedy Expels Worms, Tones up the System, Wards off Disease and is valuable in the Treatment of virtually all Swine Ailments. Warranted Safe for Hogs of all Ages and Conditions, Little Pigs and Brood Sows included. When it is given to Sows while suckling the pigs will be free from worms and will not be bothered by scours at weaning time. Don't wait until your pigs begin dying like they did all over the country last spring, but order a can today and begin giving it to your brood sows.

Midwest Remedy is a liquid, give it in slop or any kind of wet feed. Full directions on each can. Quit feeding hog worms. Save the pigs. Keep disease away from your herd and make hog raising PAY. Here is your opportunity to get a supply that is enough for 75 to 100 hogs for \$5.00.

Send order to Midwest Remedy Co., 625 Livestock Bldg., Kansas City, Mo. You may send order without money and pay the postman \$5 and postage on delivery. If purchase price is sent with order we pay the postage. The Live Stock State Bank guarantees our reliability.

So write for the remedy today.

POLAND CHINA HOGS

BLUE VALLEY STOCK FARM POLANDS

We have decided not to hold a second sale and will sell 40 tried sows, fall gilts and spring gilts at private sale.

They are bred to farrow in February, March and April. They are litter mates and bred to the same boars and just as good individuals as the sows sold in our February 9th sale. They are bred to boars of the highest class and we are pricing them to sell quick. We also have a few outstanding September boars.

Thos. F. Walker & Sons, Alexandria, Neb.

140 Poland to Pick From

Sows and gilts bred for spring farrow. Young boars not akin. Best breeding. Immuned. Pedigrees and satisfaction guaranteed. Priced to sell.

ED. SHIBEY, HUME, MO.

Big Type Poland China Bred Gilts

At \$35.00 to \$50.00. Write for list.

ROSS McMURRY, BURTON, KANSAS

Big Type Poland China Bred Gilts

\$25 each. Immuned and guaranteed.

C. R. ROWE, Route 1, SCRANTON, KAN.

POLAND CHINA BOARS by Designer. A few Designer gilts bred to CICOTTE JR. Farmer prices.

J. R. Houston, Gem, Kansas.

SPOTTED POLAND CHINA HOGS

Wm. Meyer's Spotted Poland Sale

Wm. Meyer, Farlington, Kan., Sells Tuesday, March 13

30 sows and gilts sired by or bred to Fancy Boy by Spotted Ranger, world's grand champion. Big Buster by Gates Improver, Jumbo Gates, Spotted Wonder, etc. 10 boars by Jumbo Gates and Spotted Wonder. All large, well grown, and thrifty, big arch backed and sure footed. Pig club members as well as breeders—Here is your opportunity. Spots from the Meyer herd make good wherever they go. Write for catalog, mentioning Kansas Farmer. Send buying orders to J. T. Hunter, who will represent Kansas Farmer and Mall and Breeze.

\$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.

Spots Bred to Son of World's Grand Champion

Bred sows and gilts, fall gilts, boars. Sired by or bred to Kansas Kernel by Booster King, 1921 world's grand champion, and other sires.

EARL MATTHEWS, CLEARWATER, KAN.

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 1551, Kechi, Kan.

Bred Sows and Gilts

and good fall pigs, fashionable breeding, correct type. White Scotch Collie puppies.

T. L. CURTIS, DUNLAP, KANSAS.

SPOTTED POLAND CHINA BOARS

35 head large spring boars, big husky fellows, well marked, all immune. Satisfaction guaranteed or money refunded. Priced to sell. \$25 and \$35, first check or draft gets choice. Don't delay if you want a bargain! Also bred sows and gilts, priced reasonable.

Tom F. McCall, Carthage, Mo.

SOWS, GILTS AND BOARS for farmers and breeders. Overloaded and selling you choice at your price. Wm. Meyer, Farlington, Kan.

poses. Some disking is in progress. Farm labor is likely to be scarce and considerable farm land probably will remain idle because so many farmers are moving. Closing out and foreclosure sales are numerous.

—E. J. Leonard.

Public Sales of Livestock

Shorthorn Cattle

March 12—J. W. Neff, Ulysses, Kan.
 March 22—Blank Bros., Kleen & 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—C. D. Dell & Son, Beatrice, Neb. Sale at Wymore, Neb.
 April 11—Northwest Kansas Shorthorn Breeders' Assn., Concordia, Kan.
 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.
 May 16—Atchison County Breeders, Lancaster, Kan.

Polled Shorthorns

March 13—Kansas and Missouri Polled Shorthorn Sale at Stock Yards Sale Pavilion, Kansas City, Mo.
 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

Mar. 13—Breeders' Sale, Norton, Kan.
 March 20—Kansas Holstein-Friesian Breeders' Ass'n of Kansas, free fair grounds, Topeka, Kan.
 Apr. 17—Wm. H. England, Ponca City, Okla.
 Feb. 23—Hostetler Engle, Abilene, Kan.

Aberdeen Angus Cattle

May 1—Johnson Workman, Russell, Kan.
 May 2—Kansas Aberdeen Angus Breeders, Russell, Kan.

Duroc Jersey Hogs

March 15—Duroc Association, Burlington, Kan.
 March 23—N. P. Lugenbill, Greensburg, Kan.
 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 20—Heiber & Hylton, Osawatomie, Kan. Sale at Paola, Kan.
 April 21—Homer Rule, Ottawa, Kan.
 Apr. 24—Dock Davidson, Wichita, Kan. Sale at Caldwell, Kan.
 April 26—Laptad Stock Farm, Lawrence, Kan.
 April 26—Fred Laptad, Lawrence, Kan.

Spotted Poland China Hogs

March 13—Wm. Meyer, Farlington, Kan.
 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

March 12—J. W. Neff, Ulysses, Kan.
 Apr. 12—C. E. Hill, Toronto, Kan.
 April 26—Fred Laptad, Lawrence, Kan.
 April 26—Laptad Stock Farm, Lawrence, Kan.

Hampshire Hogs

Mar. 14—Wickfield Farms, Cantril, Ia. Sale at Sioux City, Ia.

Sale Reports and Other News

Dr. J. A. Beveridge, Marysville, Kan., sold 50 Spotted Poland China bred sows and gilts in his bred sow sale at that place February 27 for an average of \$40.15. About half of them were bred to his herd boar, a son of The Ranger.

The Combination Sale at Concordia

The big combination sale of 50 bred sows and gilts in the new sale pavilion at Concordia, Monday, Feb. 26, was attended by a good crowd of buyers. About 35 of the offering were Durocs consigned by Sherwood Bros. and M. Staansas, both breeders of near Concordia. Joe Lynch of Jamestown, Kan., consigned three Spotted Poland Chinas, one of them, a tried sow, topped the sale. C. B. Schrader, Clifton, consigned 10 Poland-China gilts. The average on the entire offering was over \$50. It was a good sale.

State Spotted Poland China Sale

The State Spotted Poland China Breeders' Association sale at Manhattan, Kan., last Wednesday, February 28, resulted in an average of about \$54 for 40 bred sows and gilts. There were probably more breeders from over the state at this sale than have attended a bred sow sale this winter. The evening before a banquet was served and about 50 breeders and their friends were present. It was also the occasion of the annual meeting and the following officers were elected for the next year: F. H. Manning, Parkerville, Kan., re-elected president; Dr. J. A. Beveridge, Marysville, Kan., secretary. Speakers at the banquet were C. W. McCampbell of the animal husbandry department and B. M. Anderson of the swine department; Dan O. Cain, Beattie, Kan.; Homer Faulkner, Kansas City; Fred Miller, Wamego; Henry Haag, Holton; Bruce Agan, Lost Springs; Mr. Wells of Ottawa, and others. Mr. Manning presided as toastmaster.

They Liked Davidson's Outcrosses

Lock Davidson of the Guarantee Title & Trust Company, Wichita, Kan., bought a number of good Duroc sows and gilts in February, 1923 sales in Wichita territory and put them on his farm near Caldwell, Kan. In early summer he went to Illinois and bought a number of well bred sows and gilts in service to well known eastern sires and added them to his herd. Wednesday, February 28, Mr. Davidson held a sale and offered some of the sows and gilts and their offspring. Thirty-six sows and yearlings averaged \$75.75. Three spring gilts averaged \$49.25. Females averaged \$46.00. Four boars averaged \$36.00. Top was a spring yearling, daughter of Pathmaster at \$117.50 out of a daughter of Great Sensation to L. R. Massengill, Caldwell, Kan. Top boar was a summer boar

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.

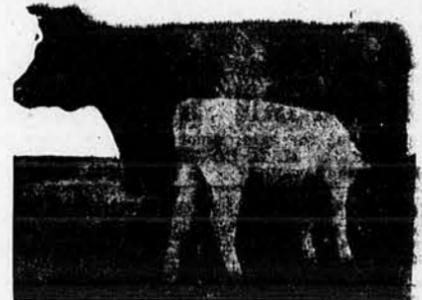
Note especially in the catalog, the advantage of this sale in guarantee and in the prompt and business-like delivery of papers. Address, mentioning this paper

W. A. COCHEL, Sales Manager
Hotel Baltimore Kansas City, Mo.
 O. W. Devine and Chas. L. Carter, Fieldmen.

Blank Bros., Kleen & Lauer Production Shorthorn Sale

Sale Pavilion

Franklin, Neb.
 Thursday,
 March 22, 1923



45 Head Selected From Five Good Herds

10 bulls, reds and roans, in age from 10 to 16 mos. Also the outstanding good tried sire **ASHBOURNE RELIANCE**. 35 females. 20 bred cows and heifers, some with calves at foot. 15 choice open heifers. The females are sired by and bred to our herd bulls **GOLDEN KING, SUPREME PRINCE**. Ashbourne Reliance and good sons of Golden King. This is our best offering. Good representatives of the **MAR MISSIE'S, LOVELY'S, BUTTERFLY'S**, and other well known families. Everything Tuberculin tested. Catalog sent only upon request.

Blank Bros., Kleen & Lauer Franklin, Neb.

Auctioneers, Col. A. W. Thompson, Col. E. D. Snell
 Jesse E. Johnson, Fieldman

by Sensation Boy by Great Sensation out of a Col. Defender dam at \$52.50 to John Whipple, Eureka, Kan. Twenty-one buyers took the 43 head, 1/4 of which went to Oklahoma buyers. This was one of the few sales where buyers showed little concern whether the females farrowed early or late in the spring. They seemed more concerned about getting Durocs that might be outcrosses for their herds and the good sale average was partly due to the fact that the Davidson sale gave them an opportunity to get such outcrosses.

Notes From the Field

BY J. W. JOHNSON

The Northwest Kansas Shorthorn Sale

E. A. Cory, Concordia, Kan., wants to hear immediately from every Shorthorn breeder in the Northwest Kansas Association that wants to sell Shorthorns in the annual spring sale at Concordia, April 11. Because of the extra work of getting out sale catalogs for the several sales in the new sale pavilion this winter Mr. Cory has had his hands full and now he wants those who are going to put cattle in the annual

SHORTHORN CATTLE

Tomson Shorthorns

Herd Sires:
 Marshall's Crown Augustus's Crown
 Marauder Scottish Sultan

We offer 10 Scotch Heifers, coming yearlings; 15 young cows, bred or with calves at foot; 10 choice roan herd bulls sired by Village, Marshal or Marshall's Crown.

Tomson Brothers

WARHUSA or DOVER, KANSAS

BERKSHIRE HOGS

BIG TYPE BERKSHIRE PIGS
 Registered and cholera immune, \$20 and \$25.
 L. M. Knauer, Garnett, Kansas.

When writing advertisers mention this paper

The Seventh Annual State Holstein-Friesian Association Sale

AT THE FAIR GROUNDS

Topeka, Kansas, Tuesday, March 20, 1923

50 head of registered Holsteins selected from fifteen State herds, whose owners are members of the State Association, and their herds are either accredited or under Federal Supervision.

A number of the consignors are sending cattle, not because they want to sell them, but from a sense of loyalty to their State Association and to make it possible to secure the required number of cattle to hold a sale.

The NATIONAL ASSOCIATION is expending \$60,000 this year advertising HOLSTEINS, the result will be an increased demand and much higher prices.

BUY HOLSTEINS NOW. Write today for catalog to

W. H. Mott, Sales Mgr., Herington, Kansas

Auctioneers: Newcom, Ball, Berry.

Attend the STATE ASSOCIATION meeting at Commercial Club Rooms, 7 P. M. after the sale. Many important matters to come up.

HOLSTEIN CATTLE

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. 15—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.

Shungavally Holsteins

Bulls up to 7 mos. of age, from high record cows, both in short and long time test. Some from our Sr. Konigen herd sire and some from Konigen daughters and sired by our junior herd sire, whose dam holds State record for butter for a year as a junior 3-year-old and was 6th in the U. S. last year. This is the best lot of bulls we ever raised both in individuality and production.
IRA ROMIG & SONS, TOPEKA, KAN.

BRAEBURN HOLSTEINS

Bull calves for sale; also cows and heifers.
H. B. COWLES,
608 Kansas Avenue Topeka, Kansas

Registered Holstein Cows and Heifers

Twelve A. B. 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.

JERSEY CATTLE

High Class Registered Jersey Cows

Exceptional values, young cows 2 to 8 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 charged 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.

Jackson County Jerseys

Reg. Jerseys, all ages, either sex. Prices reasonable. Jackson Co. Jersey Club, W. R. Linton, Sec., Denison, Kan.

JERSEY HEIFERS by grandson of Finanz

King, whose dam was half sister to Financial Countess Lad. J. G. Condon, Hiawatha, 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
Ransom Farm, Homewood, Kansas

When writing advertisers mention this paper

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

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

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.

spring sale at Concordia to give him their co-operation in getting things under way for this sale. Write to him immediately if you want to sell Shorthorns in this sale. Don't neglect to write to him at once if you are interested in this coming sale. The time is short and you must act at once if your cattle are cataloged with the others.—Advertisement.

Chas. H. Gilliland of Mayetta, owner of one of the good Jersey herds in Kansas is offering some choice young Jersey bulls for sale. If on the market for a Jersey bull look up his advertisement in this issue and write him for breeding and prices.—Advertisement.

E. M. Reckards' Chester Whites

E. M. Reckards of Topeka is starting his Chester White advertisement in this issue. Mr. Reckards is offering some good fall and winter boars of best Chester White breeding at prices that will sell them quick. The sire and dams of the boars offered are prize winners.—Advertisement.

Braeburn Holsteins

H. B. Cowles of Braeburn Holstein Farm, Topeka, is advertising Holstein bull calves for sale; also cows and heifers. Braeburn herd is made up of producers and Holstein breeders wanting a bull backed by records should write Mr. Cowles for breeding and prices.—Advertisement.

Northern Kansas Shorthorn Sale

April 23 is the date of the Northern Kansas Hereford Breeders' sale in the sale pavilion at Blue Rapids, Kan. Col. Jesse Howell, Marietta, Kan., is the association sale manager and you should write to him for information about consigning to the sale or for the sale catalog if you are a prospective buyer. The sale will be advertised in the Mail and Breeze shortly.—Advertisement.

The State Hereford Breeders' Sale

The date of the state Hereford breeders' association sale at the college, Manhattan, Kan., is May 7. E. M. Anderson, Manhattan, Kan., is secretary and for any information about this sale, either as a consignor or a prospective buyer should be addressed to him. The sale will be held in the livestock judging pavilion at the college.—Advertisement.

Northeast Kansas Shorthorn Sale

April 19 is the date of the Northeast Kansas Shorthorn Breeders' Association sale in the sale pavilion at Hiawatha, Kan. D. L. Dawdy, Arrington, Kan., is the association sale manager and you should get in touch with him immediately if you expect to consign cattle to this sale. He must know at once if you want to consign because he must commence on the sale catalog soon.—Advertisement.

The North Central Kansas Shorthorn Sale

The North Central Kansas Shorthorn sale at Beloit, Kan., April 10 will be advertised shortly in the Mail and Breeze. 50 head will be sold and the sale catalog is nearly ready to mail. Every animal has been inspected and about half of the bulls cataloged are pure Scotch and the others, Scotch tops of a very nice quality. There is also a nice string of Scotch heifers in the sale. In the territory that the cattle for his sale has been selected from are a number of herd bulls of note, Village Marshal, Beaver Creek Sultan, Royal Marshal, Fair Acres Sultan, Galford Champion and other noted bulls have contributed to the merit of the cattle that will be sold in this sale. The sale will be held in the new sale pavilion at Beloit. George Mealls, Cawker City, Kan., is chairman of the sales committee and you should write him for the sale catalog at once.—Advertisement.

Kansas Holstein's Association Meeting

The seventh annual meeting of the Holstein-Friesian Association of Kansas will be held in the chamber of commerce club rooms, Topeka, Kan., Tuesday evening, March 20. This is also the date of the annual association sale and 15 Kansas herds, all members of the big Kansas association are consigning to the sale. 50 head will be sold and each of the 15 members consigning are putting in something good. W. H. Mott, Herington, Kan., is the association sale manager and has the distribution catalog compiled and ready for distribution. You should send him your name at once if you want this catalog. Remember it is the annual meeting and there will be much business of importance to the association members to transact. The sale will be held in the sale pavilion at the free fair grounds. Write for the catalog today and don't miss the sale and meeting.—Advertisement.

E. W. Ringen's Hereford Sale

E. W. Ringen, Summerfield, Kan., Marshall county, sells 50 Herefords in his complete dispersal sale at his farm three miles west of Summerfield on the state line, Saturday, March 24. This 50 Herefords comprise a remarkable offering of Herefords. Possibly there has never been a sale in which there were 50 Herefords as remarkable because of the great scale and individual merit as will be found in this closing out sale of Mr. Ringen's. There are two herd bulls in this sale that should go to good herds somewhere. One is a son of the famous Rocky Boy, the bull that was at the head of Mr. Ringen's herd for years and a bull that weighed 3000 at one time. His best son, Silent Boy weighs in just good flesh 2700 pounds and is an outstanding bull in every respect. Beau Stanway, a son of Bright Stanway and out of a Beau Picture dam is the other. Two wonderful bulls if you are looking for real herd bulls and they will very likely sell below their value. There are 24 cows and heifers of breeding age, 12 with calves at foot and 12 that will have calves soon. There are six splendid yearling bulls, big fine fellows that you will like when you see them and one two year old and three that are three years old. It is a great offering sold because of the change in Mr. Ringen's plans for handling his farm in the future. If you like good size in your Herefords don't overlook this opportunity to buy plenty of scale and real Herefords.—Advertisement.

BY J. T. HUNTER

Last December A. B. Williams & Sons, Darlow, Kan., paid \$625 for a registered Ayrshire cow at the Robert Campbell, At-

Hereford Breeders of Kansas

tica, Kan., sale. The cow dropped a bull calf that Williams & Son sold when two weeks old for \$200 and the cow is now making an enviable record in milk and butterfat. This cow as a three-year-old broke the state record for milk and butterfat production. Her dam was the 1921 world's grand champion in both milk and butterfat. The name of the cow is Good Buttercup. Perhaps the highest priced cows are the cheapest after all.—Advertisement.

Friday, March 16, Park Salter, Wichita, Kan., sells imported Shropshire ewes, Berkshires, high grade Shorthorns, etc., at his farm 10 miles east of Wichita, Kan.—Advertisement.

M. E. Lingle, Medicine Lodge, Kan., bred a sow that he bought last year from G. M. Shepherd, Lyons, Kan., to Ed Hoover's Gold Master and she farrowed 12 strong pigs, 8 sows and 4 boars. He sold one boar at weaning time for \$100. It pays to raise the good kind.—Advertisement.

In the issue of Kansas Farmer-Mail and Breeze for February 24th, a typographical error occurred in the Duroc advertisement of B. R. Anderson of McPherson, Kan. The initials should have been B. R. instead of B. W. Anderson. Look up Mr. Anderson's advertisement in this issue if on the market for Durocs.—Advertisement.

W. C. Hall's Combination Sale

Do not overlook the combination sale of Dr. W. C. Hall and Son at Coffeyville, Kan., Wednesday, March 14. There will be 40 registered Polands, 10 registered Polled Shorthorn cows, and 1 bull, 12 high grade cows with calves or to freshen soon, 1 purebred stallion, 1 team mules, and 1 team Percherons.—Advertisement.

E. L. Newell's Sale

Saturday, March 10 is the date set for the combined Duroc sale at Dodge City, Kan. The offering is presented by E. W. Nickel and E. L. Newell, both of Dodge City. The last two preceding issues of Kansas Farmer carried advertisements of the sale. If you have time to attend this sale you will find the kind of Durocs that will suit you both in quality as well as family lines.—Advertisement.

Weddle's Spotted Poland Bargains

Thos. Weddle, Valley Center, Kan., has on hands a big bunch of good Spotted Poland spring gilts bred for spring farrow. Busiest farm work is coming on pretty soon and he is anxious to reduce his herd as he cannot farm and attend to selling hogs at the same time. In order to move these gilts quickly he is pricing them at \$25.00 each. They are good gilts in service to his "Aristocrat" boar and will farrow in March and April. Write him at once. Please mention Kansas Farmer.—Advertisement.

Drake Offers Terms on Durocs

Homer Drake, Sterling, Kan., has a first class Duroc herd and sells most of his hogs at private treaty. He starts an advertisement in this issue of Kansas Farmer, advertising spring and fall boars. The gilts are either by or bred to his good sire, Smooth Sensation. The boars are by this sire. Facts are that this Smooth Sensation is a proven sire of good ones and there is no risk in getting a young gilt or boar by him. The boars are out of Wonder Model, Shepherd's Orion Sensation, Pathfinder Graduate, etc., dams. Mr. Drake will give terms to responsible parties. Better write him at once because his Durocs are well known and will sell rapidly and you should get in your order at once. Please mention Kansas Farmer.—Advertisement.

Don't Forget the Duroc Sale at Burlington

There are association sales and association sales. Some are good, some are bad, and some are indifferent. The Coffey County Duroc breeders, 10 strong, are putting on a Duroc sale at Burlington, Kan., Thursday, March 15. They send out the word that an inspection committee has gone over the herds and selected top notchers for this sale and that they are ready to show the state that this will be a real sale of good ones. The last two preceding issues of Kansas Farmer carried advertisements of this sale. Each consignor and his offering was indicated in the advertising and you should hunt up the papers carrying the advertisements and see what the offering will be like. Might have time to get a catalog if you wrote at once to Ivy Allen, manager, Burlington, Kan.—Advertisement.

Dean Bailey Offers Bred Durocs

Dean Bailey, Pratt, Kan., is a 17 year old boy with a reputation and standing among Duroc breeders of Pratt territory equal to that of any breeder of his territory. Two years ago he went into an association sale and topped the sale by buying a first class bred gilt. He said little but sawed wood. The next year he sold enough out of her litter to pay for the sow and again bought the highest priced gilt in the second annual association sale. At the recent association sale he sold some of the very best Durocs in the offering. Today young Bailey, just a high school boy has a first class herd of Durocs and stands as a man among men when it comes to talking about breeding and feeding Durocs. There is no question about Dean Bailey going to be a successful Duroc breeder. He is one right now and he is just a youngster. Naturally, a surplus of hogs will accumulate and Dean is starting his first card advertisement in this issue of Kansas Farmer announcing that he will sell some hogs. Here is what he offers: tried sows by Pathfinder Jr. by Pathfinder out of Critic dams bred to Giant Orion Sensation 5th to farrow in April, spring gilts by same sire and Zink's Sensation bred to same sire to farrow in March. The fact that young Bailey bought good bred sows and gilts and went right back and topped the association sales both in buying and selling is sufficient evidence that he will sell you good Durocs. Write him at once. Please mention Kansas Farmer.—Advertisement.

BY JESSE R. JOHNSON

Blank Bros. Kleen & Lauer Shorthorn Sale

An event that is always looked forward to with unusual interest by the best breeders and farmers of Nebraska and Kansas is the annual Shorthorn sale of the Blank Bros., Kleen and Lauer of Franklin, Neb. The cattle selected for these annual sales are the tops raised each season on the five farms owned and operated by the members

Our Foundation Stock

Came from the noted Pickering Farms and from the Wm. Acker herd. Herd headed by Beau Avondale 9th, sire by Prince Rupert 8th, dam by Bonnie Brae 8th. Lord Dandy's sire by Beau Picture, dam by Beau Dandy. Some good young bulls for sale.
VAVROCH BROS., OBERLIN, KANSAS

Mc Mischief, Son of Beau Mischief

and 40 splendid herd cows of fashionable blood lines is the foundation I am building on. Just choice bulls for sale from 12 to 24 months old. Also Poland China hogs of quality and breeding. Write for further information. Address
J. R. Houston, Gem, Kan., Thomas County

Elmdale Farm Herefords

125 excellent Herefords in our herd. Herd bulls: Beau Stanway by Choice Stanway; Beau Delightful by Beau Victorious. Choice bulls and heifers for sale.
JANSONIUS BROS., Prairie View, Kansas.

SOLOMON VALLEY HEREFORD FARM

In service, Doctor Mischief 8rd, by Doctor Domino by Domino, and out of a Beau Mischief dam. 75 head in the herd. For sale: 10 large yearling heifers, good. They are open but of breeding age. Nice crop of young bulls.
FRED TETLOW, Downs, Kan.

THE BLOOD OF BONNIE BRAE

Excelled in recent shows. Anxiety and modern blood lines. Some choice yearling and 2-year-old heifers. Some choice young bulls. Address,
Naber Bros., Basehor, Ks., Leavenworth Co.

Klaus Bros. Show and Breeding Herd

Herd headed by Beau Onward 8th. Ten yearling heifers by Beau Onward 19. Always headquarters for herd bull material and Herefords of quality. Address
KLAUS BROS., Bendena, Kan.

Latham Fairfax—Woodford Lad

200 Herefords in our herd. For sale: Two or three choice 2-year-old bulls; 20 yearling bulls; bred cows and heifers and yearling heifers up to a car load. Come and see our herd—write for descriptions and prices.
S. W. TILLEY & SONS, Irving, Kan.

Hereford Park Herefords

Young bulls up to 3 yrs. old, linebred Anxiety. Herd bulls in service, Sir Stanway, a double Domino and Bright Stanway; Matador, a Beau Beauty and Beau Brummel 10th bred bull. My cows are all of Anxiety breeding. J. F. SEDLACER, BLUE RAPIDS, KAN.

Blue Valley Herefords

25 Reg. Hereford bulls, 8 to 22 months, \$65.00 to \$125.00 delivered any station in Kansas. 12 head coming two-year-old heifers and 1 bull, \$875.00. Two herd bulls, one 2 years, one 4 years.
COTTRELL & MONTAGUE, IRVING, KAN.

1886-1923 Steeleway Herefords

Barnes, Kansas
60 Extra Hereford Bulls

Selections from 100 head. Large, heavy bone, weighing 1150 in just fair condition. Yearlings past and good ones. Priced right.
MILTONVALE CATTLE COMPANY,
W. H. Schroyer, Manager, Miltonvale, Kan.

Anxiety 4th Herefords

Sires in Service, Lord Stanway by Bright Stanway, Alex Mischief, grandson of Beau Mischief. Cattle for sale of both sexes at all times.
J. H. Miller, Woodston, Kan., Rooks County

Mischief Donald by Beau Mischief

125 head in the herd. A strong herd of breeding cows, many of them by Repeater 7th. Bred cows and heifers for sale and some very choice young bulls of serviceable ages. Address,
FRANK HUG & SONS, Soranton, Kan., Osage Co.

Sixty 2-Year-Old Heifers, Bred

Sired by Sir Dare and Dominer 566483. Bred to Don Balboa 586021 and Dominer 566483. Choice stock, priced to sell. Also 30 yearling heifers and 100 cows, same breeding. Farm 1 1/2 miles west city limits on West 6th and 10th St. roads.
LEE BROS., Topeka, Kan.

SYLVAN PARK STOCK FARM

Fairfax-Anxiety Herefords headed by Stephen Fairfax and Quinte by old Domino. Herd bull material. A car load of yearling bulls. Bred cows and heifers. Also Spotted Polands.
Miller & Manning, Council Grove, Kan.

Maple Shade Hereford Farm

Offers 10 head choice yearling heifers. Good quality, popular breeding, priced right.
Fred O. Peterson, Route 5, Lawrence, Kan.

of this well known firm. Every one of the boys strive to have the best for the sales and a spirit of good natured rivalry prevails which results in one of the best bunches of cattle being sold that are assembled in any one sale in Nebraska. This year's offering is perhaps the best the brothers have ever bred for one sale. Every animal with one or two exceptions that will be in the sale was bred by some member of the firm and every female of breeding age will either have a calf at foot or be in calf to one of the great bulls in service in the herds. Of the 40 head selected for the sale 35 are females consisting of splendid young cows and heifers about 20 of the number bred to the herd bulls and 15 of them choice open heifers. A more choice bunch of open heifers will not be sold in any one sale this spring. Of the 10 bulls selling, nine are young fellows in age from 10 to 16 months and one is the great sire, Ashbourne Reliance, sire of many of the animals that go in the sale. He is one of the best living sons of Gainford Marshall, is a splendid individual

Sires That Have Influenced Kansas Herds—11



Prince Rupert 8th, rechristened Don Perfect 400,000, a typical son of Prince Rupert 8th

PRINCE RUPERT 8th 142701

Prince Rupert 8th 142701, calved December 17, 1901, was bred by W. H. Curlice of Eminence, Kentucky and sold to Luce & Moxley of Shelbyville, Kentucky in the fall of 1904 and it was in their herd that he made his reputation as a sire. Four outstanding features of this bull as an individual were: his tremendous scale and substance (he weighed 2570 pounds when shown as a two-year-old at the International in 1904); his wonderfully deep, thick and full rear end; his exceptional quality and his unusual thickness of flesh. These same characteristics have been transmitted through his sons and have made the Prince Ruperts one of the very best of all strains of Hereford cattle.

Some of the more important honors he won as a show bull were: 2nd at the American Royal and 4th at the International as a Senior yearling; 4th at the Louisiana Purchase Exposition, 2nd at the American Royal, 1st at the International as a two-year-old; and 2nd at the American Royal and 2nd at the International as an aged bull. A list of the winnings of his get would fill a book. They include Prince Rupert 17th 292948, 1st prize and Junior Champion at both the American Royal and International in 1908; Prince Rupert 26th 3255573, first prize junior bull calf at the International in 1909; Prince Rupert 27th 325574, first prize junior yearling bull, and Princess R 10th 292948, first prize two-year-old heifer at the International in 1910; Prince Rupert 39th 346807, first prize junior yearling bull, Prince Rupert 44th 364432, first prize Senior Bull calf at the International in 1911; Prince Rupert 50th, 1st prize Senior yearling bull at the International in 1913.

Very few bulls of any breed have left as many sons that have distinguished themselves as sires as has Prince Rupert 8th. Among these noted sons one might mention Prince Rupert 9th 247429, Prince Rupert 12 271098 (for several years at the head of the herd owned by the Kansas Agricultural College), Prince Rupert 17 292-943, Prince Rupert 37th 385648, Don Perfect 400000, Prince Rupert 44th 364432, Peerless Prince 533333, Prince Rupert 52nd 395523, used in the herds of E. T. Keith, Coffeyville, Kansas and W. J. Brown of Fall River, Kansas, the sire of Dolly Rupert, Grand Champion Cow, American Royal 1918, Prince Rupert 53rd 396581, Master Key 553-555, Prince Rupert 78th 544902.—C. W. McCampbell.

HEREFORD CATTLE

BULLS—HEREFORD BULLS. Sire, Choice Mischief 532987. Any age. Prices right. Must sell. Vernon Sutor, Zurich, Kansas.

POLLED HEREFORD CATTLE

POLLED HEREFORD BULLS & HEIFERS For sale. Choice breeding. Prices reasonable. Ernest Lee, Centerville, Mo.

and a proven sire of real worth. Other bulls that are sires of the offering is the great Golden King and three of his good sons, and Supreme Prince, a son of Supreme Certificate. Most of the offering is Scotch and about all of the best known families are represented. No better men breed Shorthorns than the Blank boys and the other associated with them. Rest assured of fair treatment if you deal with them. Write for catalog and mention this paper.—Advertisement.

No Richer Breeding Exists

among the descendants of Anxiety 4th than that carried by DON AGTOR 501941, senior herd sire of Gilmorelands. Cow herd made up of granddaughters of Beau Dandy, Beaumont, Bright Stanway, Prince Rupert 8th, Dale and Brigadier. Yearling bulls for sale, \$125 up. GILMORELANDS, FREDONIA, KAN.

5 Bulls Ready for Service

By Battle Mischief by Beau Mischief, and Pretty Stanway, bred back five generations by Gudge & Simpson. Splendid young cows and heifers by Battle Mischief and bred to Pretty Stanway priced reasonable.
GORDON & HAMILTON, HORTON, KAN.

Open or Bred Heifers

and Nadine's Dandy, calved May 6, 1921, by a grandson of Beau Dandy and out of a granddaughter of Beau Brummel 3rd. Write us at once.
ELMER DUKELOW, HUTCHINSON, KAN.

Cows, Heifers and Bulls

Some cows are granddaughters of Lamp-lighter, a number with calves at side, 2-year-old and yearling heifers and bulls, Main sire BEAU BALTIMORE 13th.
JOHN CONDELL, ELBORADO, KANSAS

75 Closely Bred Anxiety Females

Cows, 2-year-olds, yearlings by or bred to present herd sire, Modest Domino Jr. and Echo Lad 8th. Serviceable aged bulls. Lone Tree Ranch, K. R. Garver, Attica, Kan.

Hazford Place Modern Herefords

Breeding stock, all ages and classes by and out of our well known sires and dams that are closely descended from great Anxiety 4th bulls. Each animal we sell is of our own breeding. Robt. H. Hazlett, Eldorado, Kan.

A Lot of Under Year and Yearling Calves

and a serviceable aged bull. Herd sire is WOODLAND LAD 2nd. Write us at once.
W. H. TONN, HAVEN, KANSAS

Grand Champion Regulator and Repeater 126th

Cows with calves; young stock, both sexes, by or bred to these great sires. Dams are of excellent breeding also.
G. L. MATTHEWS & SONS, Kinsley, Kan.

Excellent Herd of Reg. Herefords

10 cows, 6 heifers, including granddaughters of Repeater. Herd sire also for sale. Closing out to give full time to dairying. Priced to sell. S. F. LANGENWALTER, Halstead, Kan.

For Sale—Heifer Calves and Bulls at \$50.00

Fairfax and Bill Royal breeding.
SCHLICKAU BROS., HAVEN, KANSAS

Polled and Horned Herefords

Good young bulls, double Beau Brummels, Perfection Fairfaxes, and Polled Platons. Main sire, MONARCH FAIRFAX.
G. E. SHIRRY, MADISON, KANSAS

140 Line Bred Anxiety 4th Breeding Cows

Six first class well bred herd sires in use. All classes, both sexes for sale any time. We have just what you want.
DR. G. H. GRIMMELL, HOWARD, KAN.

HERD BULL BARNSTORMER 557926

Calved July 4, 1915. A linebred Anxiety bull. A really great sire and a good individual for sale. We want to keep his heifers.
H. D. PLUMMER, LONGTON, KANSAS

Cows, Heifers, Bulls

By or out of Buddy L. and Willey Fairfax by Ridgeland Fairfax by Perfection Fairfax, Junior sire, Brummel Fairfax. Offering one or a carload.
PAUL WILLIAMS, MARION, KANSAS

POLLED HEREFORDS

Polled Herefords
We have developed three first prize bulls which is more than any other breeder has done. If you want high class Herefords with "Everything But the Horns" write
GOERNANDT BROS., AURORA, KAN.

GOODVIEW STOCK FARM HEREFORDS

Improver Prince, senior herd bull. Polled Plato, Jr., junior herd bull. 200 Polled Herefords in this herd. For sale: Bred cows and heifers; cows with calves at foot and bulls from 8 to 20 months old. Write for descriptions and prices.
GEO. BINGHAM, Bradford, Kan., Wabaucon County

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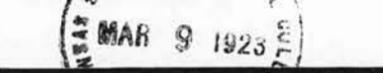
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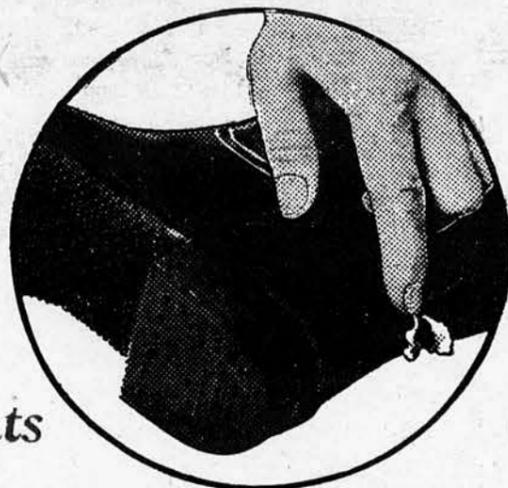
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Extra heavy flange sole

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The construction of U. S. Boots is the result of 75 years of experience in boot making. Light enough for solid comfort—yet strong enough for the

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You'll find every type of rubber footwear in the big U. S. line. There's the U. S. Walrus, the famous all-rubber overshoe—the U. S. lace Bootee, a rubber workshoe for spring and fall—U. S. Arctics and Rubbers—all styles and sizes for the whole family. Look for the "U. S." trademark before you buy—the honor mark of the oldest rubber organization in the world.

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