

KANSAS FARMER AND MAIL & BREEZE

Volume 60

December 23, 1922

Number 51



In This Issue

Our Tax-Free White Elephant
Senator Arthur Capper

The Standardizing of Prices
Tom McNeal

Meeting of "Ups and Downs"
Floyd B. Nichols

A One-Man Poultry Plant
Ray Yarnell

Everyone Likes Sharp's Apples
Earle H. Whitman

Pigs In His Prairie Schooner
J. C. Burleton

A Home Run for Stockmen

BY HENRY C. WALLACE

For 30 years and more, in times of low prices, livestock producers complained bitterly of the larger packers. They felt that the growth of the packing business and especially of the larger concerns gave opportunities for combination, for concert of action and control of livestock prices. For many years there were bills before Congress providing for Government supervision over the packing houses and the various agencies which do business at the principal livestock markets. In the spring of 1921, Congress took hold of this matter vigorously and in August passed the Packers and Stockyards Act.

This law brings the packing houses, the stockyards, the commission merchants and other stockyards agencies under the supervision of the Secretary of Agriculture. He has authority to inquire into the manner in which the business is conducted, to examine books, to subpoena witnesses and require them to testify under oath. In short, he has ample authority to look into every phase of the livestock business as conducted by the packers, commission merchants and stockyards, including the authority to determine whether charges are fair and just. Under this law it will be possible to make a thoro study of the livestock business from the farms until the meat reaches the city wholesaler, and to correct any unfair practices at any point along the way.

The Department of Agriculture now has a livestock supervisor at each of the principal livestock markets. It has district supervisors who reach the smaller stockyards and packing houses where there is not sufficient business to justify a resident supervisor. Shippers can go at once to these supervisors and report any improper practices or unfair treatment, with the assurance that they will receive immediate attention. Audits are being made of the books of the stockyards agencies.

Boycotts have been stopped. Stockyards and commission charges are being investigated. Studies of the manner in which the packing business is being conducted are being made. Many improper practices have been corrected. It is expected in due time to have complete information concerning the business in all its details, and thus be able to correct promptly any abuses which may exist. The law has been passed upon by the Supreme Court and pronounced constitutional.

The Why of Hard Wheat

BY L. E. CALL

I believe I am safe in saying that soft wheat is grown every place in the United States where winterkilling and drouthy conditions do not interfere with the best development of the wheat crop. It is only where winter weather is severe and where the drouth is likely to interfere with the best growth of the crop that hard wheat replaces soft wheat.

Soft wheat probably has a higher capacity to yield than hard wheat under the most favorable weather conditions, and especially under humid conditions. Soft wheat also has a stiffer straw than hard wheat, and for this reason is a more desirable wheat to grow under the more humid conditions of the southeastern part of Kansas, because it is not so likely to lodge.

Hard wheat is grown in Central and Western Kansas, and to some extent in Eastern Kansas, because it is more winter hardy and has the ability to withstand unfavorable weather conditions, particularly drouth, to a greater extent than soft wheat.

I doubt whether the market demands have much to do with the production of either hard or soft wheat. It is impossible to produce a good quality of hard wheat in Southeastern Kansas, even if a hard variety is sown. Where hard wheat is grown it produces a more valuable grain for the production of flour for bread-making purposes than do the soft wheats. I think it is entirely due to climatic conditions that we grow hard wheat in Central and Western Kansas and soft wheat in a part of the eastern section of the state.

Send us pictures of your cattle, hogs, sheep, or favorite farm animals that you would like to see published in the Kansas Farmer and Mail and Breeze.

Our Tax-Free White Elephant

Too Many Millionaires and Owners of Great Wealth Are Dangerous Slackers

THE owners of 30,000 millions of property in the United States will pay no taxes on it this year. Indirectly but inevitably taxes will be paid on this 30,000 millions of property, but not by the wealthy owners of it; not by those most able to pay the tax collector.

Whenever a taxpayer, legally or otherwise, dodges paying his full share of the taxes, someone else has to pay them for him. In this case the taxes on the 30,000 millions will be paid, but it will be paid by the simple expedient of increasing the taxes of those who cannot turn their property into tax-free securities. This forces the second group of taxpayers, those poorer in purse and less able to pay taxes than the first group, to pay with their own taxes an invisible but no less real and burdensome tax on the 30,000 millions of property owned by their wealthier fellow citizens. And yet this is all very legal and proper!

Too Much Exempt Property

The 30,000 millions of property referred to, of course, represents the enormous total covered at the present time by the untaxed or tax-free bonds and securities now in force in this country. It has long been accumulating. We are increasing this total at the rate of 1,000 million dollars a year, and that means increasing yearly the taxes of the general or small taxpayer

year by putting some of her taxed holdings into tax-free bonds. Since the war it is estimated the Astors have turned 45 million dollars' worth of property into cash, and this cash into untaxable securities. Scores of old estates are being liquidated, and made tax-free in this way.

New York's property-assessment report shows that only five citizens of that city of millionaires are assessed as much as 1 million dollars. "There were a few others last year," the report states, "but they have succeeded in effecting a substantial reduction in their taxes. Among them is Otto H. Kahn, who dropped from 1 million to \$50,000; William Vincent Astor, from 1 million to \$100,000; and Helen C. Frick, from 1 million to \$72,000."

Bankers Opposed National Legislation

This is throwing the burdens of taxation on those unable to escape so easily, and it is done mainly thru tax-exempt securities.

The American Bankers' Association, alarmed by the absorption of funds available for long-term investment by local improvement, general municipal, and other tax-exempt bonds, disapproved by formal resolution of any new national legislation based on additional issues of such securities.

It is at last becoming generally appreciated that shutting off the flow of money into business deadens business.

The Proposed Remedy

BY A proposed amendment to the Constitution each state, and the United States, shall have power to lay and collect taxes on income derived from securities issued, after the ratification of the amendment. The Federal Government is given the power to tax securities issued under the authority of any state, and states are given power to collect taxes on income derived by its residents from securities issued under authority of the United States.

When passed by Congress and ratified by the legislatures of three-fourths of the 48 states, this will end the tax-exemption evil so far as further issues of these securities are concerned.

This or some similar amendment to the Constitution is likely to be adopted by Congress.

correspondingly. This year we are to increase this mountain of untaxed property nearly 1,500 million dollars, the Federal Government alone now issuing 500 million dollars in tax-free securities in a lump in its debt-refunding operations. These new Government bonds not only will be tax-exempt as to principal and interest, but will draw 4 1/4 per cent interest for 30 years!

This steady increase of untaxed millions compels a heavier and a heavier tax on land, a progressively heavier tax on railways and other public service corporations, a constantly increasing tax on manufacturers and their equipment; it means more taxes for the storekeeper—and all are passed on to the general public and the consumer with their own special share of the taxes—to be paid ultimately by the householder and the "small" taxpayer.

Unjust Burden on the Poor

The so-called "small" taxpayer is, I fear, becoming extinct. If we continue to issue new tax-free securities at the rate of 1,000 millions a year, President Howard, of the American Farm Bureau, warns us this tax-free property will soon more than equal the United States, including lands, buildings, livestock and machinery.

I am told the taxes now assessed in the United States are for the most part paid by men worth \$100,000 and less. In many cases, of course, much less.

Tax-exemption has reached such magnitude that exempt securities are absorbing the entire surplus of great fortunes and great estates, and the country is being made to feel the ebbing stream of new capital, in rising interest charges, in more limited credit, in greater difficulty in paying debts.

The late Jacob Schiff left an estate of 35 million dollars, the bulk of it in tax-exempt bonds. Louis Hill testifies in court that he has increased the income of his mother, widow of the late J. J. Hill, from \$365,000 to \$730,000 a

By exempting the highest grade of securities from all taxation, the county, state and federal governments have deliberately cut off from American industrial enterprise its natural source of capital and actually are starving industry.

Secretary Hoover is quoted as saying that "surplus capital is pouring by hundreds of millions monthly into tax-free securities and foreign loans, and that because of this our railways are unable to finance the most moderate of construction programs."

Burdens Must be Equalized

Twenty-four years ago, in a speech on "The Obligations of Wealth," before the Union League Club, Ex-President Benjamin Harrison, paraphrasing a famous expression of Lincoln's, uttered this warning, "This country cannot continue to exist half-taxed and half-free."

Almost 24 years later, in a message to Congress, President Harding declared: "I think our tax problems, the tendency of wealth to seek non-taxable investment, and the menacing increase of public debt—federal, state and municipal—all justify a proposal to change the Constitution so as to end the issue of non-taxable bonds. No action can change the status of the many thousands of millions that are outstanding, but we can guard against future encouragement of capital's paralysis, while a halt in the growth of public indebtedness would be beneficial throughout the land."

The country must get rid of its tax-free white elephant by constitutional amendment or be prepared to pay more and more taxes whatever economizing the Government may do or can do to reduce expenses.

Arthur Capper

Washington, D. C.

The Sly, Valuable Mink

BY GERALD E. FERRIS

The mink, which is one of the staple articles of the fur trade, is a very suspicious yet extremely valuable fur bearer. It belongs to the weasel family. The body of the mink is long and slender but its head is small and its legs short while the tail is bushy. This animal is found in the greatest numbers in the Southern states. The largest types are found in the North Central states and those possessing the finest fur inhabit the New England states. The fur is a rich, silky brown in color and the most desirable pelts have a noticeable dark strand running down the back.

Mating season for the mink starts about March 1 and continues thru about half the month. Litters of from four to six are born usually in April. Not until the latter part of November and until the last of January are the pelts of the mink prime. No. 1 steel traps will prove very satisfactory for trapping the mink.

Small creeks, the banks of which are overgrown with weeds and brush and the currents of which are clogged with driftwood are ideal places for this hiding little animal. Swamps, flowing tiles and springs and holes along the banks of streams, either natural or those dug by a trapper, are frequently visited. Traps placed in any of these places where mink signs are evident, by a trapper of skill and ability, and baited with fish or meat undoubtedly will mean good money for the owner.

The male mink is a wanderer and sets should be made along the streams to attract his attention. It must be remembered, however, that the mink is one of the sliest of fur bearing animals. Sets, if possible, should be made from the water, the traps being handled only with gloves that are used for nothing else. If sets must be made on land, all suspicious signs should be removed and the tracks, if noticeable, should be blotted out with water.

In preparing the mink for market, it should be cased and stretched skin side out on a long, thin board or a steel stretcher made especially for stretching mink pelts.

Catching Up With Ourselves

The man or woman who has learned to be able to carry money without a constant desire to spend it for something has learned a lot. Too few children receive proper suggestions and instruction in thrift. It is not necessary to be stingy in order to save. What thrift really means is that degree of discernment which enables one to decide what he should and should not buy.

When boys and girls are taught to think twice or three times before spending pennies and nickels for things that they do not need, but which they might like merely to satisfy a passing whim, they have received a great lesson that will last them thru lives that will be more useful for that reason. It is a fine thing for boys and girls to have some kind of a regular weekly income even tho it may not be more than a few cents. If they can learn to handle these sums and have a margin left they will be fit candidates to handle larger sums.

Parents can help the situation more by providing such regular incomes and then talking with the children about how they are going to use their slender funds than they can by merely not giving the young folks the money. If boys and girls grow up without having had any money of their own they will not know how to take care of their funds when they do begin to earn. A small savings account, regularly added to, will offer a further lesson in how to keep and accumulate funds.

When the interest is added the owner of the account will begin to appreciate how money will work for him if given a chance. The American Bankers' Association reports that there is now an average of more than one savings account for each family in the United States. At the end of last June the total of these savings accounts amounted to over 16 1/2 billion dollars. It is far better to have that amount to the credit of 26,500 families than to have the sum in the control of a few people. Savings accounts are like owning land—they make for better citizens.

Approximately 60 per cent of Kansas farms are operated by their owners.

KANSAS FARMER and MAIL & BREEZE

December 23, 1922

By *Arthur Capper*

Vol. 60 No. 51

Pigs in His Prairie Schooner

A. F. Cyr Hauled the First Registered Duroc Jersey Hogs Into Morton County About 16 Years Ago and They've Helped Him Ever Since

By J. C. Burleton

IN A prairie schooner, 16 years ago, the first registered Duroc Jersey hogs rode into Morton county. The trio was brought from Clay county by A. F. Cyr, when he packed his household equipment in a covered wagon and drove down into the Southwest to pioneer and build a home on what was then a virgin prairie.

When Cyr landed in Morton county, he said, his total property was worth less than \$200 and he had no cash. The property consisted of three old ponies, two cows, three dozen chickens and three purebred Duroc Jersey weanling pigs, in addition to household goods.

Livestock Bested Hard Times

Hard times knocked frequently at the Cyr door, sometimes with vicious insistence, but this young farmer did not give up. He cared for his cows a little better and got more milk and spent more time with his hogs and raised more pork.

Now those pioneer hardships are only memories which serve to sharpen appreciation of success that persistence has brought forth. Cyr owns a half section of land, a nice home, 100 registered hogs, a good big herd of beef cows and calves, several hundred chickens and turkeys and sufficient machinery to work his farm.

In order to reduce the hazards of farming and make it a safe business Cyr is turning more and more to livestock, particularly hogs and chickens.

Registered hogs are kept on this farm not because Cyr likes to handle pedigree papers or because he is in the business of selling breeding stock. He says purebred animals will make bigger gains on less feed and in a shorter time than scrubs or grades, they fin-

ish smoother and bring a higher price when sold, all of which affect net profits. Of course Cyr sells some breeding stock but growing hogs for market is his principal business.

The herd, which this fall numbered 100 head, contains popular Duroc Jersey blood, Sensation, Pathfinder and Orion. Cyr grows 200 pound hogs for the market, because this weight is the most popular with buyers and the easiest to sell at good prices.

A 3-year-old sow from this herd was first in her class and grand champion at a fair held in Elkhart this year. Cyr's entries took five firsts and three seconds. He showed 14 head.

Fourteen brood sows are maintained but this number will be in-

creased in future years as Cyr is going to develop the hog end of his business. He will cut down on crop production in order to give more time to livestock.

Corn, shorts and tankage make up the ration fed hogs. Brood sows are given bran and oats in addition. Just before farrowing time their ration consists exclusively of bran and oats, as corn is too fattening. Milo also is fed, replacing corn.

Both cane and Sudan grass are used for pasture. The Sudan is available first, the cane coming on later. Mr. Cyr says this combination affords good pasture nearly all summer and that hogs make rapid gains on it. The principal cash crop grown is

milo which is much more certain in yield than corn. About 200 acres are planted every year. One field this year averaged 30 bushels an acre but the general average was about 10 bushels. Corn is grown on 40 acres, cane on 15, kafir on 20 and Sudan on 10 or 15 acres. Wheat is sometimes grown but it is an uncertain crop and risky on Cyr's soil.

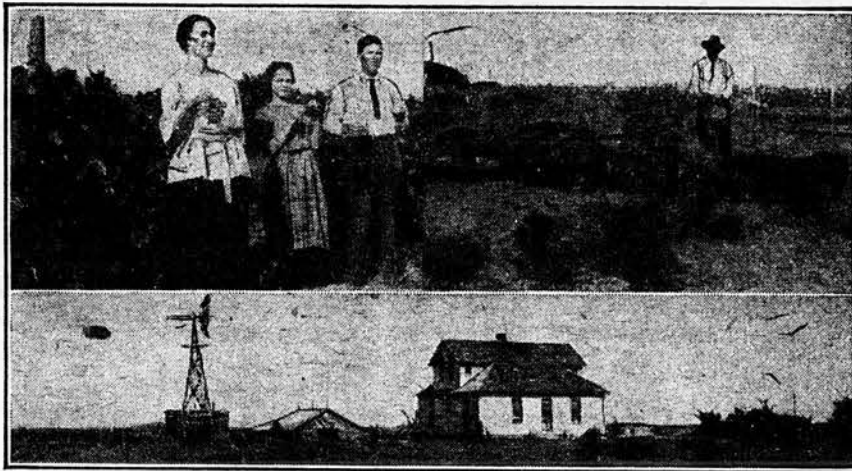
Milo ground is blank listed and the crop planted when the ridges are busted. If the ground is plowed a lister is used to plant the milo as listed ground affords more protection when the plants are small. In sandy soil it pays to leave the ground rough.

Cultivates Ground Carefully

Cyr goes over the field twice with his weeder-cultivator. Sometimes he uses a 6-shovel cultivator if the field is weedy. Kafir and Sudan are grown for roughage but the milo stover, after the heads have been threshed out, also is fed to beef cattle. Sudan is the main hay crop. It is drilled in, about 14 pounds to the acre, usually being planted about the middle of May.

The two cows Cyr brought from Clay county tied behind the covered wagon, were the start of the present herd of 50 animals, cows and calves. Six or seven are milked thruout the year and, aided by the chickens, pay the living expenses of the family.

Calves are sold in the fall after they become yearlings, being grown on pasture and roughage. Every year a few are fattened and sold to butchers during the winter. Cyr says he has made money handling the young stuff in this way. He does not believe it would pay him to grow heavier animals which would require several years to fit for the market. His herd consists of Shorthorn grades and purebred bulls.



A. F. Cyr, Morton County, Has a Pleasant Farm Home, a Productive Orchard and Makes Money Out of Purebred Duroc Jersey Hogs

Everybody Likes Sharp's Apples

By Earle H. Whitman

IF "AN apple a day will keep the doctor away," James Sharp, the apple man of Council Grove, Morris county, has done much to save the medical profession from being overworked. His 75-acre orchard yielded 9,000 bushels this year, which would mean an apple for at least one day for quite a portion of the population of Kansas.

The business of producing apples has been Mr. Sharp's life study—and that of his father. Every angle has been given thoro consideration, from the ground on which the trees are planted to the marketing of the boxed product. That this grower has strong faith in the future of the apple business is shown by his fine, 100-acre orchard which is just coming into bearing.

A Natural Orchard Soil

Jonathans, Winesaps and Missouri Pippins hold first place in the Sharp orchard, so far as number of trees is concerned. The would-be purchaser has a wide variety from which to choose, however, as in addition to those named there are Grimes Golden, Delicious, both red and yellow, King David, Winter Banana, and others of which only a few trees are grown. "I would rather have an apple orchard in the Neosho Valley," declares Mr. Sharp, "than an orange grove in California. We don't have to do much here in the way of soil preparation. The deep loam we have, underlaid with gravel, is ideal for orchard growing. It costs real money to get such

soil, but it is worth while. We have picked as many as 700 to 800 bushels of apples from an acre."

Careful cultivation is given the young orchard. Corn is grown between the rows for about five years, altho after the first three years only half the space is devoted to this crop, the balance being kept clean and free from any growth.

"The success of an orchardist," declares Mr. Sharp, "depends upon having the right kind of soil, the right varieties for his locality, and knowing how to spray, when to spray, what he is spraying for, and not neglecting it when the time comes. We begin to spray when the trees are 5 years old, using a dormant spray of lime sulfur. The young trees are sprayed twice, but our old orchard gets it from four to five times during the year. We use Bordeaux mixture, lime sulfur and arsenate of lead, for the various sprays, but are coming more and more to depend on Bordeaux mixture and discarding the lime sulfur. The latter is not so effective, except for scale insects in dormant form."

"Spray from above," is Mr. Sharp's watchword in this phase of orcharding. He uses a power sprayer of 250 pounds pressure and endeavors to spray down on the trees rather than up. The reason is simple, he says, for when the apples first form they

are in such position that the spray cannot get on them effectively unless it comes from above. This method is being adopted by many orchardists.

Marketing is the big problem of the fruit grower, just as it is with any other producer, especially the producer of a specialty. It isn't so much of a problem with Mr. Sharp, however, for he has built up such a reputation for square dealing, reasonable prices and quality fruit that practically his entire production now is marketed within a radius of 100 miles of Council Grove. Everybody—at least everybody who buys apples—is glad when Sharp has an apple crop.

"Selling is just as important as growing," says Mr. Sharp, and he studies it accordingly. He makes a practice of getting all Government, state and private bulletins on fruit crop conditions. "In past years," he says, "I shipped to many points thruout the Middle West, and even east as far as Lockport, N. Y., once when an apple shortage existed back there. The first two carloads I ever shipped went to Pueblo, Colo."

During picking time apples are sold to all who come to get them. It is a common thing to see wagons lined up waiting for loads of fruit. Sales to such purchasers have amounted to \$350 or \$400 a day at times. All apples are put thru a grading machine, operated by a gasoline engine. Only the

finest are packed and stored, other grades being sold as soon as possible.

"There are many things I still don't know about growing apples," admits Mr. Sharp, "even if I have been in the business here for 52 years—and hope to be here 52 years longer. I do know, tho, that the man who isn't fully equipped for raising fruit and thoroly acquainted with conditions and willing to work and work hard, will fail in the fruit business. He must be a lover of trees and a student of nature or he cannot succeed. The many diseases to which apple trees are susceptible make expert attention necessary. To succeed in spraying, for instance, a man must know as much about mixing his spray as a doctor knows about mixing his medicines."

Tries Many New Methods

In his long experience Mr. Sharp has not hesitated to try out new methods. He has become, as he terms it, a crank on cross-pollination, and believes it is absolutely necessary for the production of highest quality fruit. "Any variety of fruit is more susceptible to the pollen from another variety of the same species," he declares, "and where cross-pollination takes place the seeds are better developed and the fruit grows larger and more perfect. Therefore, in setting out an orchard, we plant two rows of one kind and then two rows of another kind of apples. This method now is strongly advocated by agricultural colleges in many states."

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

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

ADVERTISING RATE
 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 advertise-
 ment cannot be stopped or changed after it is inserted
 in a page and the page has been electrotyped. New
 advertisements can be accepted up to and including
 Saturday preceding issue.

KANSAS FARMER and MAIL & BREEZE

Member Agricultural Publishers Association
 Member Audit Bureau of Circulation
 Published Weekly at Eighth and Jackson Streets, Topeka, Kansas.

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

SUBSCRIPTION RATE: One dollar a year

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

DEPARTMENT EDITORS
 Farm Home Editor.....Mrs. Ida Migliario
 Assistant Farm Home Editor.....Florence K. Miller
 Horticulture.....John W. Wilkinson
 Young Folks' Pages.....Kathleen Began
 Capper Pig Club.....E. H. Whitman
 Capper Poultry Club.....Rachel Ann Nelsunder

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

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

Passing Comment—By T. A. McNeal

ONE of the most interesting books that has come to my attention for a long time is entitled "The New Air World," by Willis Luther Moore, professor of Meteorology in George Washington University and who was for 18 years Chief of the United States Weather Bureau.

I think that the author of this book knows as much about the air as any man in the United States and what is more he is able to write about it in a way that the common plug citizen can understand. So many scientific men cannot do that or at any rate they do not. They use terms that the ordinary person does not comprehend and as a result he fails to get interested. Professor Moore is enthusiastic about the future of the new air world.

An entire new world is coming within the range of man. Its possibilities of adding to the health and happiness of mankind are almost limitless. Vast helium inflated dirigible balloons will carry passengers as comfortably as they can now be carried in the best equipped ocean liners and with less danger and far more swiftly. Helium is a non-inflammable gas which has nearly the same expansive and lifting power as the old hydrogen gas heretofore used, which was and is dangerous on account of its extreme inflammability. "With reference to air travel in the future," says William R. Blair, who during the war was chief meteorological assistant of the Chief Signal Officer of the United States Army, "the present stage of aircraft development seems to indicate that long non-stop traffic, both freight and passenger in the air will be by means of lighter-than-air craft or balloons. These have much larger carrying capacity than any airplanes now designed and will travel across the continent over several prepared routes, stopping only at important centers to discharge and take up passengers and freight.

It may be news to the readers of this moral guide as it was to me to learn that if we had a perfectly clear atmosphere we would have no light. The dust motes in the air diffuse or scatter the sunlight and if there were none we would be surrounded continually by inky blackness.

The fact is that most of us really know mighty little of the world in which we live and less about its future possibilities. The air contains all the elements of fertility necessary to make the soil productive almost beyond the imagination of man. There is sufficient heat penned up in the bowels of the earth to light and heat the globe for untold centuries.

Sometime we will not only travel, safely and comfortably and swiftly thru the upper air, but we will harness the forces not now harnessed and operate all the machinery necessary to do the work of the world.

More Than Legislation Required

MANY farmers are complaining of hard times. They have cause to complain. But if they imagine that a change of party control will benefit them they are mistaken.

The causes for hard times are fundamental. They may be summed up generally as lack of economy in production and lack of economy in distribution. A few farmers use the most economical methods of production but a great many more do not. Unless every acre under cultivation produces on the average its maximum capacity it is not economically cultivated and there are mighty few acres that produce on the average the maximum. The secret of Henry Ford's great success is his marvelous organization which gets the maximum capacity out of every man and every bit of machinery.

That is the reason why he can pay the highest wages and yet produce at a profit more cheaply than any other manufacturer. That is the reason why he could take an old run down railroad that was little more than two streaks of rust and with all the rolling stock little better than junk and make it a paying concern.

Fifteen men working on the track of the Ford road accomplished as much in the same number of hours as 40 men working on a parallel road at the same kind of labor. Henry paid his men wages that ranged from \$6 a day up. I do not

know what the highest wage was. Perhaps, the men working on the other track did not get half as much a day and yet Henry's cost of construction was less than the cost on the other road.

There is no doubt that on the average, the acre production in this country could be doubled or perhaps multiplied by three. The average acre production of wheat on the old worn lands of France is just about three times the average acre production in the United States with its large area of almost virgin soil. Should it be urged that if the amount now in cultivation increased its production twice or three times there would be a glut of the market and a consequent slump in price even below the present, that does not constitute a valid argument for under production.

If 40 acres can be made to produce on the average as much as 80 acres produces now, then the 40 ought to be brought up to the maximum and the other 40 let lie fallow until needed or given over to some other crop for which there is a demand.

It costs no more to feed a good hog or a good cow or a good steer than to feed a scrub, but at the end of two years the good steer will weigh twice as much as the scrub and will bring a better price a pound.

It costs no more to feed a good cow than a poor one but the good cow will produce more than

Merry Christmas To All

BY PHILLIPS BROOKS

THE EARTH has grown old with its burden of care.
 But at Christmas it always is young;
 The heart of the jewel burns lustrous and fair,
 And its soul full of music breaks forth on the air,
 When the song of the angels is sung.

It is coming, old earth, it is coming tonight!
 On the snowflakes that cover thy sod
 The feet of the Christ-Child fall gentle and white
 And the voice of the Christ-Child tells out with delight
 That mankind are the children of God.

The feet of the humblest may walk in the field
 Where the feet of the holiest have trod,
 This, this is the marvel to mortals revealed,
 When the silvery trumpets of Christmas have pealed,
 That mankind are the children of God.

twice the butterfat produced by the poor one and show a profit instead of a deficit.

The second reason for the depressed condition of agriculture is the utterly wasteful system of distribution. The producer gets about a third of the dollar paid by the ultimate consumer because the consumer paid four or five profits on the stuff in the process of changing it from the raw to the finished product and paying the cost of distribution.

The railroads of this country were built not with the idea of serving the public but with the purpose of making money for the investors. That meant as many long hauls as possible. It meant the building up of great cities and the killing of small cities.

It meant large cost for freight and the employment of a vast number of middlemen. It meant a scarcity of freight cars to haul the producers' stuff to market and a glut of empty cars at the terminals. It meant a vast amount of lost motion and therefore needless expense.

Unless this economic waste can be largely eliminated farming will continue to be an uncertain business and the country will go more and more into the hands of renters. As the country goes more and more into the hands of renters the depletion of the fertility of the soil will be hastened until the lands will no longer yield even a bare living for the cultivators. The answer to the problem is plain enough, speaking in a general way, but the means by which the result may be obtained is not so evident.

When the raw product is manufactured into the finished product where it is produced and when every acre of land is brought up to its maximum production then the problem will be largely

solved. When I speak of maximum production I mean that if the land is producing grain every acre shall produce as many bushels as can be produced by the best methods of cultivation; if the land is producing hay that it produce as many tons on the average as can be produced with proper cultivation.

If it is a dairy farm, that it produce the largest amount reasonably possible of milk and butterfat. But the problem will not be solved until the present wasteful, expensive method of distribution is done away with and the cost of distribution reduced to the minimum.

If there were no unnecessary freight hauls there would be no need for more freight cars. The average distance traveled by a freight car is less than 30 miles a day, less than a mile and a quarter an hour. Why? Because vast numbers of freight cars stand idle a large part of the time. One of the reasons why they stand idle is because of the congestion of traffic at terminals.

Henry Ford has said that with the right sort of management freight cars ought to move on an average 75 miles a day or perhaps more. That would mean that one third of the cars would do the work done now by all of them and there would be no scarcity.

Politicians are not going to remedy the situation. This is not necessary because they do not wish to do so. Certainly the politicians who belong to the party in power would be glad to remedy the trouble, for it would bring general prosperity and the party in power always desires prosperity. Selfish politicians who belong to a minority party may wish to see hard times because that will give an excuse for asking the people to turn the dominant party out and put the other party in power, but mere political selfishness if nothing else makes the politicians who belong to the party which is in power want to have general prosperity.

The trouble is that they do not know how to remedy the matter. To bring about the changes I have indicated would mean an economic revolution. It would stop the growth of every great city and build up a multitude of thriving little cities in the place of the large commercial centers. It would mean that vast properties in terminals would lose their value and great manufacturing enterprises would have to readjust themselves to new conditions.

It would mean the revolution of the farming system. It would mean the employment of up-to-date methods of cultivation and the doing away with inferior machinery and scrub stock. It would mean the doing away with renters and the vast army of real estate speculators.

It would mean that education would be correlated with production and farming would become the greatest and most scientific profession in the world.

Standardizing Prices

RECENTLY I received a letter from a subscriber, Alex Richter, of Holyrood, advocating the nationalization of all standard products. I am not entirely clear in my mind as to what he means by nationalization but assume that he means the fixing of prices by the Government.

The same idea was suggested by E. T. Meredith, the former Secretary of Agriculture, but he only proposed to make it apply to a few leading farm products.

I note that at the recent meeting of progressives, presided over by Senator LaFollette, the same proposition is advocated so far as it relates to farm products.

This is interesting and I approach its consideration with an open mind. I am not at all convinced that it is a practical proposition but I am not prepared to say dogmatically that it will not work.

A minimum price for wheat was fixed during the war as a war measure, but in that case the minimum price was below the market price and consequently was no strain on the Government. In fact the wheat growers complained that the effect of the regulation was to cause them great loss. Now to fix a price below the regular market price for any farm product would of course be of no benefit to the farmer; he could only be benefited in case the Government guaranteed him

a greater price than he could get by selling his products in an unrestricted market.

Suppose then that the Government should undertake to guarantee a higher price than the farmer could otherwise get, would not this be class legislation and open to the same objection that is urged against ship subsidies or any form of guarantee of railroad earnings?

If any class of citizens should be given a Government guarantee of remunerative prices I will admit readily that the farmers who produce the necessities of life should be given first consideration, but is a Government guarantee of profit in any case a correct principle?

I am not saying positively that it is not but I have, to say the least, very serious doubts about it.

De Valera a Fugitive

NEWS from Ireland is more encouraging than at any time since serious trouble broke out in that turbulent island. I mean by this the trouble connected with the struggle for self-government which culminated in the establishment of the provisional government. The De Valera forces have dwindled until there are only a few thousand of them left and they are badly disorganized.

De Valera is in hiding with the prospect that he will be executed if found. The new government is actively engaged in repairing the damages occasioned by the warring forces. A good many bridges and buildings were destroyed, mostly by the Republican forces. This has interfered with transportation and the restoration of prosperity. Crops in Ireland have been exceptionally good and prices fair, but the farmers have been unable to get their products to market.

There still are two governments in Ireland, which of course is one too many. At present the Ulster government seems determined not to join the provisional government, but it seems to persons who have recently visited Ireland and studied the situation, that as soon as the Ulsterites are convinced that the provisional government has the backing of the British government they will be ready to join.

Being Fair Minded

A READER pays me the compliment, which I appreciate greatly, of saying that I am fair minded. I hope that is true and yet I must confess that it implies a want of accurate information. If I were certain about the facts in any given case I ought to declare positively what the facts are and not waste time nor space in debating the matter.

The sum of the three numbers, 9, 7 and 4 is 20; that is a well established fact and no sensible man will waste any time in debating the accuracy of that computation, but unfortunately about a great many other questions of tremendous importance I am not so certain about the facts and in such cases I ought to be broad-minded and avoid dogmatic statements. I notice that many of my readers who write me seem to be dead sure that they know just what is the matter with the Government, with society, with the economic situation and other very important matters.

Now without disputing their right to their opinions, I frankly confess that I am not certain about any of these matters. I have opinions and am willing to give my reasons for entertaining them, but every once in awhile some fact that I had not been aware of comes along and knocks a hole in my preconceived opinion. Take the European situation. I find quite a number of people who seem to be quite positive about what the situation is over there and just what ought to be done about it, while I must confess that my mind is greatly confused by the contradictory statements I read, all of them purporting to be facts. I used to think that if I could only have the opportunity to go there and study the situation on the ground I would be able to get the facts and arrive at a just conclusion. I have later come to the conclusion that my mind would in all probability be more confused after making such a visit than it is now. I arrive at this conclusion from reading articles written by different and highly intelligent men, no two of them seeming to be agreed as to what the facts are. I do not think any of these persons really intend to misrepresent the facts but, I do think that they only saw a part of the facts, all bearing on the general situation and therefore arrived at a wrong or partly wrong conclusion.

Take the case of Germany. I have within the past six months read articles written by perhaps a dozen different men and women who have visited that country and supposedly made a first hand study of the situation. Many of these writers are recognized as experts in their various lines of business, and yet their conclusions differ almost to the point of being directly opposed to one another.

One writer declares that the situation in Germany is deplorable; that the people are suffering from lack of food; that disease is spreading at a rapid rate and that the nation is on the verge of an industrial collapse. Another says that Germany is really prosperous. That conditions industrially are better there than in almost any other country in Europe, that there is no more poverty and want than there was before the World War. It is generally conceded that before the war there was less of poverty and suffering among the

masses in Germany than in any other country in Europe, therefore if the last writers referred to are correct in their sizing up of the situation Germany must now be in the most enviable situation of any country in Europe. I do not believe that is true, but I am not in position to dogmatically say it is not true.

Some writers who have visited Germany declare that the present government is growing stronger and more stable, while others say it is likely to fall at any moment.

We have been taught to hate the Turk, to regard him as the last word in savagery, fanaticism and intolerance. There are millions of people I have no doubt who believe that we should join with other Christian nations, send an army over to Turkey and wipe out the Turks entirely. We have been told that the present leader of the Turkish Nationalists, Kemal Pasha, dreams of the restoration of Turkish rule over Europe and Asia and the practical extermination of the people of the Christian faith in all the Turkish dominions.

However, General Harbord, whose integrity and ability has never been questioned and who, perhaps, has had better opportunity to study this Turkish leader than almost any other American, speaks quite highly of Kemal Pasha and says that he is a patriot trying to do for his country what any other high minded patriot would do. This does not accord at all with other reports I have read.

What are the facts? Frankly, I do not know. I confess to being prejudiced against the Turk, but it may be that my prejudice is not so well founded as I have supposed.

Then we come to Russia. Now I think there is one thing about which nearly everybody will agree and that is that it matters a great deal to the whole world what is done in Russia. The Bolsheviks are in control and apparently more completely in control now than ever before.

There are about three grades of opinion about the Bolshevik government. Those who are bitterly opposed to it insist that it is the most brutal, savage and tyrannical government that has existed. There are on the other hand some very warm defenders of the Bolshevik government who insist that it is the most idealistic government in the world; that its leaders are great and pure minded statesmen who are bringing the Russian nation out of a state of ignorance and degradation and establishing a new order on a high plane.

These defenders for the most part deny that there has been any harshness and cruelty on the part of the Bolshevik leaders and that only such persons have been executed as was absolutely necessary for the good of Russia.

There is a third class who do not either positively condemn or defend the Bolshevik government; they do not deny that there have been atrocities and a great number of political executions and many harsh and tyrannical practices.

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.

Scope of Warranty Deed

C gives warranty deed to D on south half of northwest quarter of section —, township —, range —. One acre had many years before been deeded off the 80 acres to a man for a private road and had since been made a public road and mail route. Can D recover from C for the 1 acre which the deed called for but which C did not have the right to deed because he did not own the same? The deed from C to D reads to wit: "South half of northwest quarter of section —, township 6, range —," and does not read the number of acres contained therein, neither does it except the 1 acre which is not contained therein.

A. J. S.
If this 1 acre was deeded absolutely, then C is liable on his warranty for the value of this acre.

Meaning of Life Interest

I sold 160 acres of land on condition that I should have one-third of the crop as long as I lived. The man who made out the deed wrote "life interest." I would like to know what life interest means.

J. R.
It simply means that you have a life interest in this property to the extent of one-third of the crop and you sold it subject to this life interest. At your death the grantee would then have clear title to the land.

Title To Abandoned Roadway

Several years ago about an acre of land was given in the county off my land for a road. Five years ago the road was straightened. The land was fenced in immediately. The county still claims this land. I tried to get the county authorities to release it but they refused to do so. They declare that the county bought this land but there is no record to that effect. The man it was gotten from is dead, but his son says he is satisfied the land was given just for a roadway. This is on a main trail. Can you tell me how I can regain control the same as if there never had been a road there?

M. L. G.
If the county is still using this land for road purposes you probably have no cause of action. If it has abandoned the piece of land since the road has been changed the presumption would be that it would revert to the landowner from whose land it was originally taken. And in that event he can test the matter by simply proceeding to

enclose this piece of land and use it. That would force the county either to take down his fence or bring an action against him to enjoin him from fencing it. If on the other hand the county refuses to permit him to build a fence, then he can bring an action against the county or township officials to enjoin them from using this land on the ground that it has reverted to him.

Tenant's Right to Pasture Wheat

Has a tenant a right to pasture wheat on rented land when he has no written contract if the landlord objects? The tenant has two-thirds interest in the wheat and it needs pasturing. Has the landlord a right by law to prevent its being pastured?

G. H.
The tenant has a right to pasture this wheat to the extent that it may be pastured without injuring the wheat.

Scope of Joint Deed

A deed is made out to A and B, husband and wife, but not so mentioned in the deed. The clerk in recording it said "A and B his wife." Does that make any difference in the matter of title? The object in wording the deed was that each would hold half and at the death of either half would go to the one surviving and the other half to the children. How will the wording of the deed be taken in dividing the estate? Some say the husband or wife at the death of the other will hold the entire estate. How should or can the matter be arranged now if the deed says on the death of either party the land would go to the other?

P. M.
In Kansas the old law of tenants in common has been abolished and in the case of this kind the grantees would be considered as each holding half interest in this land. The mere fact that in the recording of the deed the words "B his wife" were put in would cut no figure. This land would be divided at the death of the husband or wife, $\frac{3}{4}$ going to the surviving husband or wife and $\frac{1}{4}$ to the children, and this as I understand is as desired.

Chickens Running at Large

My neighbor is letting his chickens destroy wheat and corn I planted on my place across the road from his place. This has been going on for several years. Can I collect damages for several years back? He doesn't try to keep his chickens off my place so I will have to do something.

C. H.
An action for trespassing and damages by reason of trespassing must be started within two years so that you could only bring an action for damages that have arisen in the last two years.

Burning Off Fence Rows

Is there a law to compel a landowner to burn his fence rows along a mail route and also along section lines to get rid of insects? Can the road commissioner do this and collect pay for it?

O. O. P.
There is no such law on the Kansas statute books.

Minors Can't Homestead Claims

Neither my brother nor I are 18. There is still homestead land in Utah. I wonder if we could fence and build improvements without being of age for homesteading land?

R. C. V.
You could of course build improvements on this land but you would build them at your own risk. Someone qualified to enter a homestead might come and take the land and hold your buildings.

Authority of Road Overseers

Has a public road overseer a right when working a road to dig out rock and leave it along the roadside where the landowner is required to mow weeds?

M. M. M.
The road overseer would of course have no right to take rocks out of the road and pile them on the land of an adjacent landowner.

Settlement of Estates

1—A owns 160 acres of land and has two children both of whom are married and have children. The wife of one of the children, C, dies and later C dies leaving two children. About a year later A died. Do C's children share in A's estate or does B get all? 2—A, B and C are brothers who inherited 160 acres of land. C dies leaving a wife and no children. He had \$1,000 in money. Does his widow get all of that?

S. K. F.
1—C's children would inherit their father's share of the estate.

2—C's wife, assuming that she lives in Kansas, would inherit all her dead husband's property, both personal and real.

Validity of Oil Lease

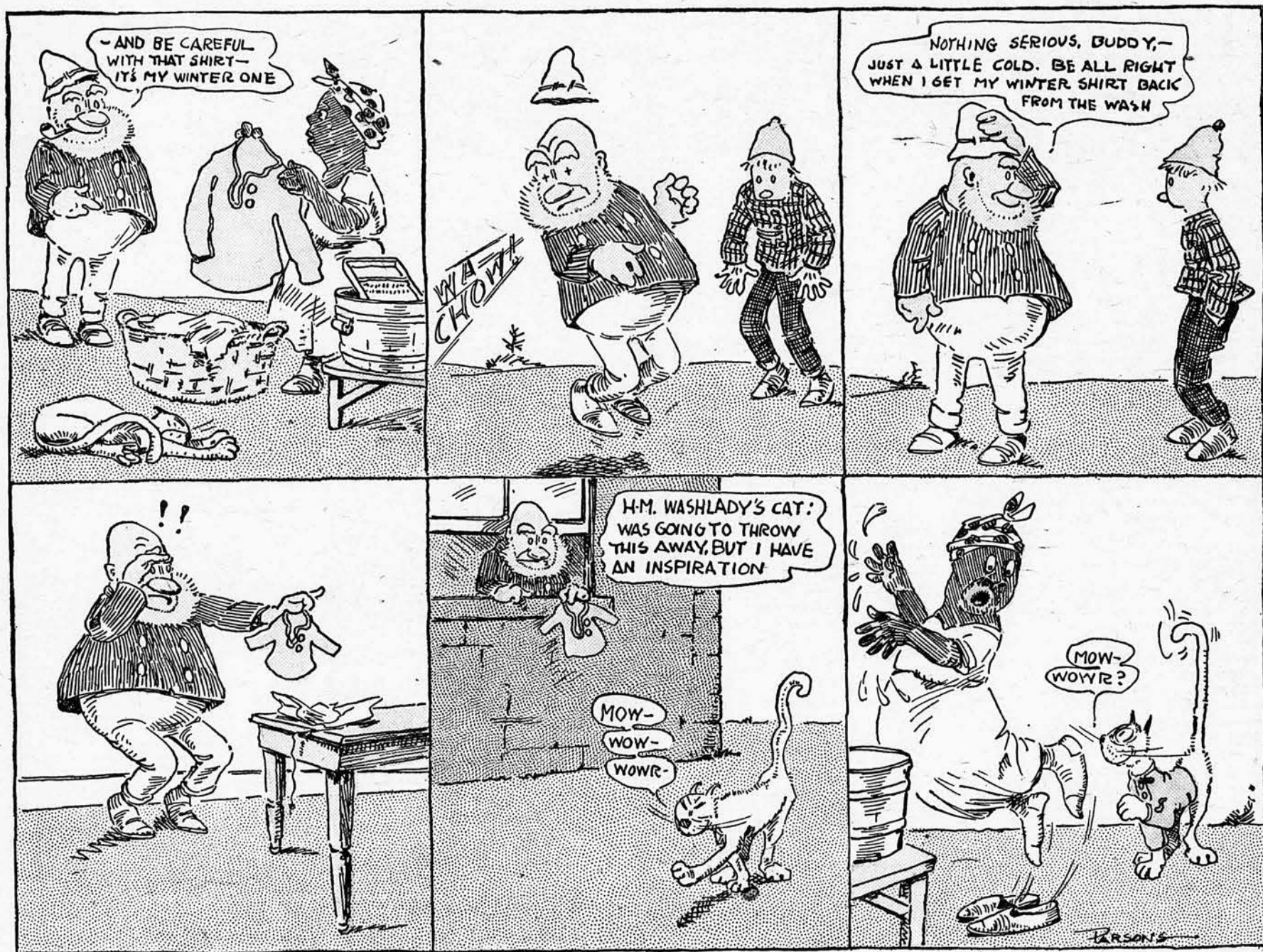
I have a farm on which there is an oil and gas lease. There were three producing oil wells on it but they have been pulled lately letting the gas escape. The man holding the lease says that they are going to clear the wells out and make gas wells out of them. Can they do this or can I demand that the lease be annulled? The lease is for a term of two years or as long as oil and gas are produced. There is no production now. How long can they leave these wells open with gas escaping?

J. T. P.
There is no time provided by statute for leaving a well open when it has been abandoned. The law presumes that it is plugged at once and as I understand the facts from your letter these persons would be subject to penalty for leaving these wells unplugged.

The law requires that whenever it becomes necessary to plug any well the lessee or operator shall notify in writing the inspector of oil and gas wells whereupon he shall repair as soon as possible to said well and supervise the plugging thereof. As they seem to have abandoned these wells my opinion is that you have a right to be released from your obligation under this lease.

The Adventures of the Hoovers

Cousin Harry Horseradish Delivers the Washing—Then Returns Part of It by Messenger which Proves an Ill Advised Step on His Part



The Wreckers—By Francis Lynde

A Story of How Graham Norcross Developed the Pioneer Short Line Into an Honest and Efficient Railroad

(Copyright, Charles Scribner's Sons)

I HEARD something the other day in Portal City that seems hard to believe, Norcross. It was at one of Mrs. Stagford's 'evenings,' and I was sitting out a dance with a young woman. We were speaking of the Kendricks, and she gave me a rather broad hint that Mrs. Macrae isn't a widow at all; that her husband is still living.

My heavens! I had figured out a thousand ways in which the boss might get wised up to the dreadful truth, but never anything like this; to have it dropped on him that way out of a clear sky!

For a minute or two he didn't say anything, but when he did speak, I saw the truth wasn't going to take hold.

"That is gossip, pure and simple, Hornack. The Kendricks are my friends, and I have been as intimate in their household as any outsider could be. It's merely idle gossip, I can assure you."

"Maybe so," said Mr. Hornack, sort of drawing in his horns when he saw how positive the boss was about it. "I'm not beyond admitting that the young woman who told me is a little inclined that way. But the story was pretty circumstantial: it went so far as to assert that 'Macrae' wasn't Mrs. Sheila's married name at all, and to say that her long stay with her Western cousins was—and still is—really a flight from conditions that were too humiliating to be borne."

"I don't care what was said, or who said it," the boss cut in brusquely.

"It's ridiculous to suppose that any woman, and especially a woman like Sheila Macrae, would attempt to pass herself off as a widow when she wasn't one."

"I know," said the traffic manager, temporizing a little. "But on the other hand, I've never heard the major, or any one else, say outright that she was a widow. It seems to be just taken for granted. It stirred me up a bit on Van Britt's account. You don't go anywhere to mix and mingle socially, but it's the talk of the town that Upton is in over his head in that quarter."

On Thin Ice

I shut my eyes and held my breath. Mr. Hornack hadn't the slightest idea what thin ice he was skating over, or how this easy mention of Mr. Van Britt might be just like rubbing salt into a fresh cut. By this time it was growing dark, and we were running into Portal City, and I was mighty glad that it couldn't last much longer. The boss didn't speak again until the yard switches were clanking under the car, and then he said:

"Upton is well able to take care of

himself, Hornack, and I don't think we need worry about him," and then over his shoulder to me: "Jimmie, it's time to wake up. We're pulling in."

As he always did on a return from a trip, Mr. Norcross ran up to his office to see if there was anything pressing. May was still at his desk, and in answer to the boss's question he shook his head.

"No; nobody that couldn't wait," he said, referring to the day's callers. "Mr. Hatch was up with a couple of men that I didn't know, but he only wanted to inquire if you would be in the office this evening after dinner. I told him I'd find out when you came, and let him know by 'phone.'"

I thought, after all that had happened, Hatch certainly had his nerve to want to come and make a talk with the man his hired assassins were trying to murder. But if Mr. Norcross took that view of it, he didn't show it. On the contrary, he told Fred it would be all right to telephone Hatch; that he was coming down after dinner and the office would be open.

When things got that far along I slipped out and went to Mr. Van Britt's office at the other end of the

hall. Bobby Kelso was there, holding the office down, and I asked him where I could find Tarbell. Luckily, he was able to tell me that Tarbell was at that moment down in the station restaurant, eating his supper; so down I went and butted in with my story of the Hatch call, and how it was to be repeated a little later on.

"I'll be there," said Tarbell; and with that load off my mind, I mugged off up-town to the club to get my own dinner.

When I broke into the grill-room at the railroad club, I found that Mr. Norcross had beaten me to it by a few minutes; that he had already ordered his dinner at a table with Major Kendrick. I suppose, by good rights, I ought to have gone off into a corner by myself, but I saw that the boss had tipped a chair at the end of the table where I usually sat, so I took it.

What the Major Said

Coming in late, that way, I didn't get the first of the talk, but I took it that the boss had been saying something about his rare good luck in having the major for a table-mate two days in succession.

"The honoh is mine, my deah boy," the genial old Kentuckian was telling him. "They told me in the despatchuh's office that youh special was expected in, so I telephoned Sheila and the madam not to wait for me."

"Then you stayed down town purposely to see me?" asked the boss.

(Continued on Page 9)

A One-Man Poultry Plant

Charles M. Swan, Who Has Developed a Business Paying \$2,500 Annually, Describes Some Things He Has Learned About Chickens

By Ray Yarnell

TWENTY pounds of oats in 10 days can be transformed into 70 pounds of the best chicken feed in the world by sprouting. It is an economical feed because the only cost of trebling its weight is a small amount of water and some heat from a lamp.

Of course oats cannot serve as an exclusive feed for poultry but it can be used with profit more extensively by many farmers in the opinion of Charles M. Swan, poultryman in Leavenworth county. Oats tend to keep the chicken's bowels open in addition to contributing much food value.

On his one-man poultry farm of 3 acres Swan has several oat sprouters and he keeps them busy.

Regains Health on the Farm

In 1909 Swan became a poultryman. Five years before he had resigned as purchasing agent for a manufacturing company in Kansas City because of poor health and had gone on a farm where he specialized in hens and hogs.

The desire for a place of his own and a business to which he could devote all of his time and interest, caused him to become a breeder of purebred Rhode Island Reds. He also is a show fan, exhibits at several of the most important, and is superintendent of the poultry department of the American Royal and assistant superintendent of the poultry show at the Kansas State Fair at Hutchinson. He is enough of a fancier as well as a breeder to love the work of fitting birds for the show ring. Besides showing of the birds is an aid in his sales campaign.

This fall Mr. Swan spent 18 days visiting community centers in Leavenworth county and speaking at a series of institutes conducted by the

county farm bureau. For this he received no pay. He talked on poultry, feeding, care, management and marketing.

"I like to do it," said Mr. Swan. "Something I have learned in my work with poultry may help some farmer handle his flock better. I am glad to help and besides it is interesting work and I get to meet a lot of fine farm folks."

Cedar Grove Farm, as Swan's poultry plant is named, consists of 3 acres. It is located on the paved road between Leavenworth and Lansing. The interurban railroad runs by it and the cars stop in front of the door. So Swan's troubles in getting his poultry to market are few and far between.

Equipment is not ornate but is built for service and convenience. Much of the construction was done by

Mr. Swan at odd times. He has all the equipment he needs to care for his flock and the lots are literally covered with buildings. Swan prefers small units rather than large buildings containing several compartments.

The heart of any poultry plant is the feed house. If it is centrally located much time and many steps are saved. Swan's feed house is located to economize in effort required to feed his flock. It has a row of bins along each side. In the center is located a mash mixer and a hand grinder.

If the ingredients of mash are bought in bulk and mixed by the poultryman the cost is much less, Mr. Swan says, than if it is purchased ready mixed. The same is true of grinding feed.

Around the feed house are grouped all the other poultry buildings, the

summer houses, breeding houses, incubator cellars, brooders, finishing houses and coops. This systematic arrangement was necessary to enable Swan to handle the flock without assistance.

Two acres are devoted to summer range for young chickens. A portion contains fruit trees from which \$200 worth of fruit was harvested this year. The remainder is in grass.

Houses Built on Runners

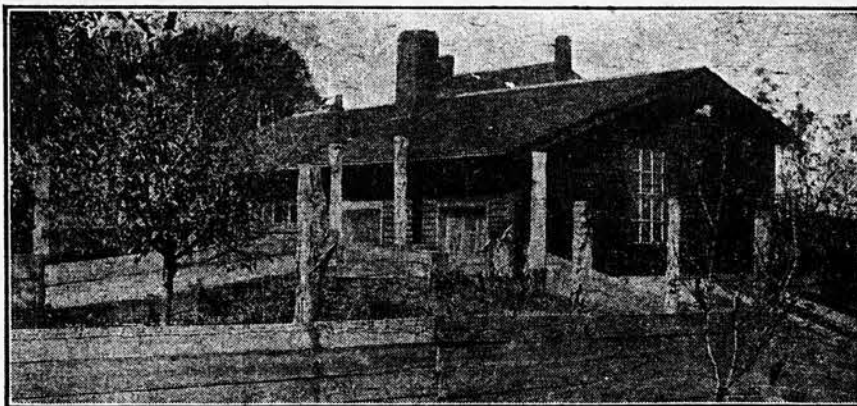
Four houses, built on runners so they may be moved about, supply sleeping quarters for the 500 chickens produced every year. These are 6 by 8 feet in size, with openings at the front and rear for ventilation. On cool days these openings may be covered with burlap. Chickens are put in these houses when they weigh 1½ pounds and remain there until they are culled for market or sent to the laying houses.

Mash is fed in outdoor hoppers. The grain ration is scattered on the ground, the chickens exercising freely while searching for it in the grass.

In the incubator cellars are eight 240-egg machines. Swan aims to raise 500 baby chicks and his loss runs about 5 per cent, so the annual hatch, aside from some custom hatching, is about 550 eggs. Swan does considerable pedigree hatching which requires much incubator space for a few birds.

The brooder, perhaps, is the most important piece of equipment because it is concerned with that part of a chick's life when hazards are most numerous. Swan's brooder is equipped with four stoves in which hard coal is burned. Large sheet iron shades are used to reflect the heat downward. A stove accommodates 100 chicks.

(For Continuation Turn to Page 13)



One of the Dozen or More Poultry Buildings on the 3-Acre Chicken Farm Operated by Charles M. Swan Near Lansing, Kan.

500 Bushels of Spuds an Acre

Huge Yield on Sweet Ranch in Colorado is Due to Five Year Alfalfa-Grain-Potato Rotation and the Use of Highest Quality Seed

By James H. Cloture

SYSTEMATIC rotation in which alfalfa plays the leading part, the use of pedigreed seed and the employment of the best tillage methods are jointly responsible for a 500-bushel acre yield of potatoes on the ranch of L. D. Sweet at Carbon-dale, Colo. This year one field on the 1,000 acre ranch averaged 500 bushels of Irish potatoes to the acre and yields on other fields were high.

Aside from proper tillage and seed-bed preparation, which should be taken for granted in the production of any crop, rotation and the use of high quality seed are given most credit in producing these results.

Ranch is West of Rockies

The Sweet ranch is located on the west slope of the Rocky Mountains where there is abundance of water and an absence of insect pests that cause so much trouble to the potato grower in other sections. The altitude is above 6,000 feet and conditions for potato production are very favorable. If fertility in the soil is limited the best tillage methods and the highest quality seed will not produce enormous crops. If the food elements are not present in the soil the potatoes cannot extract them. So the basis of Sweet's success is the methods he uses to maintain and even add to fertility and to increase the food, which is the starch, content of his potatoes.

Only 20 per cent of the cultivated land is planted to potatoes so the annual acreage is 200. The same area produces grain but alfalfa is planted on 600 acres. This affords a five year rotation in which one crop of potatoes is grown on a field, 200 acres of alfalfa being plowed under every year as green manure.

Land on which potatoes were raised is seeded to wheat or barley and cross-

drilled with alfalfa. The grain crop is harvested and the alfalfa is permitted to stand for three years.

In the fall of the third year, when the alfalfa stands 12 to 14 inches high, it is plowed under to a depth of 4½ inches. Deep plowing causes the soil to fall at an angle, leaving dead air spaces, whereas shallow plowing permits the alfalfa and soil to lie flat and promotes rotting of the green manure.

In the spring the field is cross-plowed to a depth of 9 or 10 inches. Mr. Sweet is a strong advocate of deep plowing, declaring it is essential to the best potato production.

The alfalfa plowed under for potatoes, Mr. Sweet declares, is equal as a fertilizer to 20 tons of barnyard manure an acre. Manure also is used. It is top dressed on alfalfa the year before it is to be plowed under.

"Nitrogen, potash and phosphate are so scarce in our section and so essential in growing potatoes," said Mr. Sweet, "that we can't afford to lose a pound. Every bit of alfalfa we grow is fed on the farm. We keep enough livestock to consume it and we obtain these valuable fertilizers from the manure that accumulates and from the alfalfa plowed under."

The quality of potato seed so vitally influences the yield that Sweet concentrates much of his attention on breeding it up. He handles his potato seed just as the breeder of purebred cattle handles his herd. Sweet is as proud of the pedigree of a certain spud as Governor Lowden of Illinois is of the pedigree and record of his favorite Holstein bull.

All the seed used is grown on the ranch. It is planted July 1 so when

frost kills the vines the potatoes are immature, and about the size of hen eggs and may be planted without cutting. These potatoes weigh approximately 2 ounces, and are of sufficient size to produce a thrifty plant.

Selection of seed begins during the growing season. Hills are chosen according to the quality of the vines. At harvest time, if these hills produce a goodly number of potatoes of high quality, they are set aside for use in the seed plots and the remainder of the crop is used as seed for markets.

The result is that every year the very best potatoes grown are used for the production of seed the following season, hence it is possible to breed up quality of stock and emphasize the ability of a strain not only to produce in larger volume but to produce a higher quality tuber.

Over a number of years Sweet has been able materially to increase the starch content of his potatoes. He sells to a special market, dining car services, hotels and the best restaurants and because better potatoes are supplied the price obtained is above the average.

A year ago last spring Mr. Sweet obtained enough seed of the Conrad-Johnson strain of Irish Cobblers to plant nearly an acre. He harvested 17,000 pounds of seed. This was planted last spring and the crop was of such size that Sweet sold 40,000 pounds to other growers as seed.

Seed production is one phase of the business that Sweet is developing. He hopes to supply growers, who are not in a position to produce their own stock, with high quality seed stock.

Heavier seeding is advocated by Sweet on irrigated land and on soil

which possesses an abundance of fertility. On his farm 14,000 hills are planted on an acre and as much as a ton of seed has been used on the same area.

The Sweet ranch this year sold 1,962,000 pounds of markets, 58,600 pounds of Irish Cobbler seed and 79,750 pounds of Russet Burbank seed.

In the matter of marketing Mr. Sweet declared that production of better quality potatoes and systematic and careful grading would yield the quickest and most satisfying results.

"Consumption of potatoes in the United States," said Mr. Sweet, "is about 2.3 bushels per capita. If we can increase consumption 1 bushel, and I believe it is possible if we supply better potatoes, we might be able to stabilize our market and obtain much better prices every year, avoiding costly fluctuations which this season seriously injured the potato industry. Shipments to primary markets should be more carefully gauged so that flooding may be avoided."

Increase the Starch Content

"Too much emphasis cannot be given to the necessity of increasing the starch content of potatoes," Mr. Sweet continued. "The more food you pack into a potato the better the consumer will like it. If he eats one delicious baked potato he will desire another of the same sort. That is the situation growers wish to bring about. It is the sensible way to proceed. It will accomplish more in a much shorter time than anything else. We, of course, like every other branch of agriculture, need constructive help in obtaining better credit facilities for financing our crops, but we also need to produce superior crops. The better our crops, the less we will have to worry about financing them."

News of the World in Pictures



The Wife of Zaghlool Pasha, Egypt's Exiled Rebel Chief and Her Attendants on the Way to Join Him at Gibraltar



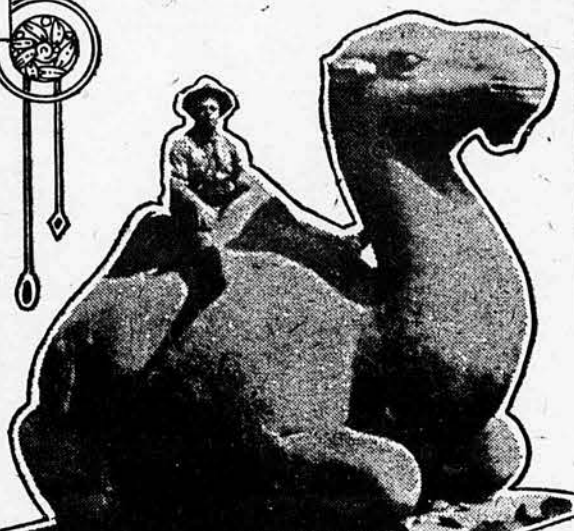
Mrs. Woodrow Wilson and Governor A. C. Ritchie of Maryland as They Appeared in Baltimore at a Recent Meeting of the Women's Democratic Clubs of That State



This Shows Some of the Thousands of Letters Received in Reply to Government Questionnaire to Ascertain the Nation's Pig Population



Lady Woodford, America's Grand Champion Hereford Cow Who Captured the Purple Ribbon at the Recent International and American Royal Livestock Shows



This Marine of the American Legation Guard at Peking is Shown Here Seated on a Stone Camel, a Relic of the Ming Dynasty



Primitive Equipment Used for Hauling Farm Products Used by Serbian Farmers; Their Standard of Living is Low



Bertha Boger and Elaine Hendricks, Two Colorado Girls Who Won in the International's Canning Contest at Chicago

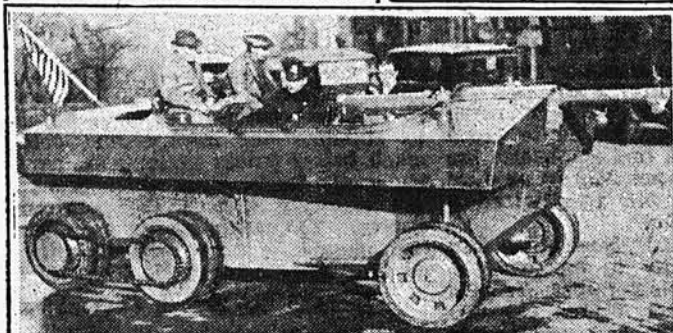


Miss Bessie B. Wetherholt of Gallipolis, Ohio, Newly Appointed National Secretary of the American Legion Auxiliary Who Has an Unusual Record to Her Credit

At the Right is Shown a Recent Photo of Tim Healy, New Governor General of Southern Ireland; He is Progressive in His Ideas and is a Man of Unusual Ability



Commander Alvin Owsley of the American Legion Who Says He Will Personally Urge President Harding to Provide Hospitals for World War Veterans

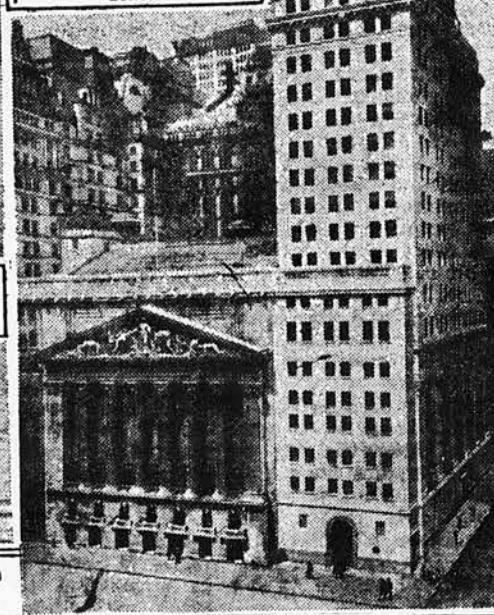


New Land Battleship on Riverside Drive in New York City; It Speeds on Land or Water With Equal Ease



Here the New Land Battleship is Shown Crossing the Hudson River at a Rate of 6 Knots an Hour; It Carries a 75 Millimeter Gun

Late Photo of New York Stock Exchange Building and New Addition on Broad Street at the Corner of Wall Street; This is One of the Busiest Places in the World and is the Nation's Financial Center



Captain Edward A. Cunningham and the Pygmy Elephant He Recently Brought to the New York Zoological Gardens

The Wreckers

(Continued from Page 6)

"In a manneh, yes. I was by way of picking up a bit of information late this afternoon that I thought ought to be passed on to you without any great delay."

The boss looked up quickly. "What is it, Major?" he inquired. "Are you going to tell me that something new has broken loose?"

"I wish I might be that he'pfully definite—I do so, Graham. But I can't. It's me'uhly a bit of street talk. They're telling it, oveh at the Commercial Club, that Hatch and John Marshall—you know him—that Sedgwick stock jobbeh who has been so active in this Citizens' Storage & Warehouse business—have finally come together."

"In a business way, you mean?"

The major gave a right and left twist to his big mustaches and shrugged his shoulder.

"They are most probably calling it business," he rejoined.

The boss nodded. "I know what has happened. In spite of the fact that the local people know that their economic salvation depends on a wide and even distribution of their C. S. & W. stock, there has been a good bit of buying and selling and swapping around. I remember you prophesied that in a little while we'd have another trust in the hands of a few men. You may recollect that I didn't dispute your prediction. I merely said that our ground leases—the fact that all of the C. S. & W. plants and buildings are on railroad land—would still give us the whip-hand over any new monopoly that might be formed."

"Yes, suh; I remember you said that," the major allowed.

"Very good, Marshall and his pocket syndicate may have acquired a voting control in C. S. & W., and they may be willing now to patch up an alliance with Hatch. But in that case the new monopoly will still lack the one vital ingredient: the power to fix prices. If there is a new combine, and it tries to make the producers and merchants pay more than the agreed percentages for storage and handling—"

"I know," the major cut in. "You-all will rise up in the majesty of your wrath and put it out of business by terminating the leases. I hope you may: I sutt'ly do hope you may. But you'll recollect that I didn't advise you on that point, suh. You took Miste'h Ripley's opinion. Maybe the cou'ts will hold with you, but, candidly, Graham, I doubt it—doubt it right much."

The Boss Wasn't Scared

The boss didn't seem to be much scared up over the doubt. He just smiled and said we'd be likely to find out what was in the wind, before long. Then he spoke of Hatch's afternoon call at our offices, and mentioned the fact that the Red Tower president probably would try again, later in the evening.

The major let the business matter drop, and he was working his way patiently thru the salad course when he looked up to say:

"Was there anything in your trip to Strathcona to warrant Sheila's little telegraphic dangeh signal, Graham?"

"Nothing worth mentioning," said the boss, without turning a hair; doing it, as I made sure, because he didn't want Mrs. Sheila to be mixed up in the plotting business, even by implication.

The major didn't press the inquiry farther, and when he spoke again it was of an entirely different matter.

"Away along in the beginning, somebody—I think it was John Chadwick—spoke of you as a man with a sawt of raw head-and-bloody-bones tempeh, Graham: what have you done with that tempeh in these heah latteh days?"

This time the boss's smile was a good-natured grin.

"Temper is not always a matter of temperament, Major. Sometimes it is only a means to an end. Much of my experience has been in the construction camps, where I have had to deal with men in the raw. Just the same, there have been moments within the past six months when I have been sorely tempted to burn the wires with a few choice words of the short and

ugly variety and throw up my job."

"Which, as you may say, brings us around to President Dunton," put in the old lawyer shrewdly. "He is still opposing your policies?"

"Up to a few weeks ago he was still hounding me to do something that would boost the stock, regardless of what the something should be, or of its effect upon the permanent value of the property."

Again the major held his peace, as if he were debating some knotty point with himself—the table-clearing giving him his chance.

"Did I unde'stand you to say that these—ah—suggestions from Dunton had stopped?" he inquired, after the little coffees had been served.

"Temporarily, at least. I haven't heard anything from New York—not lately."

"Then Dunton's nephew hasn't made himself known to you?"

"Collingwood? Hardly. I'm not in Mr. Howie Collingwood's set—which is one of the things I have to be thankful for. But this is news: I didn't know he was out here."

The news-giver bent his head gravely in confirmation of the fact.

"He's heah, I'm sorry to say, Graham. He has been heah quite some little time, vibratin' round with the Grigsbys and the Gannons and a lot mo' of the new-rich people up at the capital."

What Was Collingwood Doing?

It was the boss's turn to go silent, and I could guess pretty well what he was thinking. The presence of President Dunton's nephew in the West might mean much or nothing. But I could imagine the boss was thinking that his own single experience with Collingwood was enough to make him wish that the nephew of Big Money would stay where he belonged—among the high-rollers and spenders in the East.

"I can't quite get the proper slant on men of the Collingwood type," he remarked, after the pause. "The only time I ever saw him was on the night before the directors' meeting last spring. He was here with his uncle's party in the special train, and that night at the Bullard he had been drinking too much and made a braying ass of himself. I had to knock him silly before I could get him up to his room."

"You did that, Graham?—for a strangeh?"

"I did it for the comfort of all concerned. As I say, he was making an ass of himself."

There was another break, and then the major looked up with a little frown.

"That was befo' you had met Sheila?" he asked, thoughtfully.

"Why, no; not exactly. It was the same night—the night we all dropped off the 'Flyer' and got left behind at Sand Creek. You may remember that we came in later on Mr. Chadwick's special."

The major made no reply to this, and pretty soon the boss was on his feet and excusing himself once more on the after-dinner smoking stunt, saying that he was obliged to go back to the office. The major got up and shook hands with him as if he were bidding him good-by for a long journey.

"You are going down to keep that appointment with Miste'h Rufus Hatch?" he said. "You take an old man's advice, Graham, my boy, and keep your hand—figuratively speaking, of course—on your gun. It runs in my mind, somehow, that you are going to be hit—and hit right hard. No, don't ask me why. Call it a rotten suspicion, and let it go at that. Come up to the house, afterwards, if you have time, and tell me I'm a false prophet, suh; I hope you may."

The boss promised cheerfully as to the calling part, as you'd know he would since he hadn't seen Mrs. Sheila for I don't know how long; and a few minutes later we were on our way, walking briskly, to keep the engagement with the chief of the grafters.

(TO BE CONTINUED.)

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.

BIGGS WANTS ALL KINDS OF FURS



Huge Demand — Fur Stocks Low — Prices Soaring
BIGGS at Kansas City wants ALL your furs—and will pay highest prices to get them. No commission charge. Ready cash for quickest returns to you. You get Highest Market Value—and then 5% Extra in BIGGS Cash Coupons. Send your name on a post card for particulars.

Satisfaction or Your Furs Back! BIGGS "Hold Separate Plan" guarantees you complete satisfaction. Simply mark your "Hold Separate" request on back of a Biggs Shipping Tag attached to, or enclosed in your package when shipping, and we will hold your furs separate from all others until you have had time to receive our check and to know that you are well satisfied.

Fur Prices By Radio
Fur Market Reports are broadcast at 6 p. m. daily by the Kansas City Star Radio Station, W. D. A. F. Tune in! Get BIGGS PRICES DAILY—broadcast to the world.

TRAPPERS' MAGAZINE FREE!
Free subscription to "Trappers' Exchange", world's greatest trapping magazine. Contains hundreds of money-making secrets, best sets for fur bearers, hunting stories, game laws, etc. BIGGS offers you many other advantages. Write today to the most liberal fur house in America.

E. W. BIGGS & CO., KANSAS CITY, MO.

Big Premium List
Tells how to get traps, guns, baits, etc., either entirely FREE or at greatly reduced cost. Write Today.

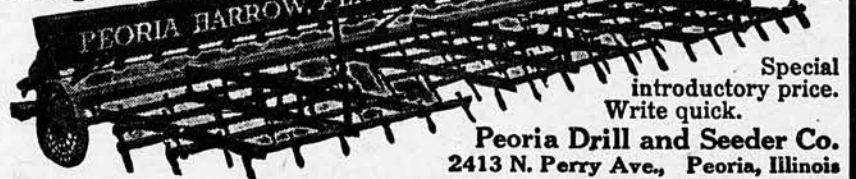
Best Trapping Season Yet
Furs will bring exceptional prices. Send today for Fur Market Reports and Price List.

RAPPERS' EXCHANGE
BIGGS

FREE

WRITE FOR PRICE ON NEW FARM TOOL

Hundreds sold. Fits any old or new, wood or steel, 2, 3 or 4 section harrow. Peoria Harrow Grass and Alfalfa Seeder sows all grass seeds to uniform depth. Low down; no waste. Cuts work in half. You cannot afford to waste your time and seed. Pays for itself on 20 acres. Buy only the seeder—so cheap every one can get one.



Special introductory price. Write quick.
Peoria Drill and Seeder Co.
2413 N. Perry Ave., Peoria, Illinois

HIDES Tanned for Leather

WRITE TODAY for FREE BOOKLET & SAMPLE of Leather

You have the hides to make the very best HARNESS leather. We have the tannery to make the leather for you. Why not have your hides made into leather instead of selling them for very little and buying them back again with many profits added?

We also make beautiful fur coats and robes from your own hides. Write today for FREE catalog, also FREE sample of leather.

OMAHA TANNING CO., 4813 S. 27th St., Omaha, Nebraska

HIDES TANNED

And made into beautiful fur coats, robes, leather, etc. The right way to make your raw hides and skins bring the full value to which you are entitled. Thousands send their hides to Cownie—the old reliable tanner—and SAVE 50 PER CENT.

Why don't you? **WRITE TODAY FOR LATEST CATALOG**—fully illustrated—gives all prices and full information about our service.

COWNIE TANNING COMPANY
522 Market St., Des Moines, Iowa

SAVE 50%

TANNING

Send Your Hides and Furs To Us

We will tan and make them up to your order. Satisfaction absolutely GUARANTEED. 10 years' experience. Ask any Kansas City bank about responsibility. Big Sample Style Book FREE.

KEMPSTER TANNING CO., 1825 Wyandotte, Kansas City, Mo.

17¢ A Rod and Up

Now Buy Peerless Fence

Write for our free 104-Page Catalog showing LOWEST prices on quality DIRECT FROM FACTORY. Famous Peerless Line of Fence, Farm Gates, Roofing, Paints NOW sold direct from Factory at 40% lower prices.

PEERLESS WIRE & FENCE CO., 8 Dept. 2403 CLEVELAND, OHIO

One Man Pulls 'Em Easy

Get New Reduced Prices on Hercules, the fastest, easiest-operating "One-Man" Hand Power Stump Puller made. Simple, double, triple, quadruple power—4 machines in one. Moves like a wheelbarrow. \$10 down. Easy payments.

Send for Catalog No. 528
HERCULES MFG. CO., CENTERTVILLE, IOWA

FREE TRIAL

Get out this ad and mail it to us, with your name and address (no money); and we will send you our FAMOUS KAMAK RAZOR by return mail, postpaid. You may use the razor for 30 days FREE; then if you like it, pay us \$1.85. If you don't like it return it. **SEND NO MONEY.**

MORE COMPANY, Dept. 312 St. Louis, Mo.

Windmill Prices Reduced

Write today for Free Catalog and reduced prices on CURRIE Windmills, Feed Grinders, etc. Big Bargains in all styles and sizes we manufacture.

CURRIE WINDMILL CO., 7th & Holliday, Topeka, Kansas.

SCALES WAGON, MOTOR TRUCK AND PORTABLE

30 Days Free Trial on any size platform or portable scale. Thirty years' continuous experience building high grade scales assures accuracy and reliability. Free State Inspection, 10-yr. Guarantee. Write for Free Catalog and special low prices.

American Scale Co., Kansas City, Mo., Dept. 301

Book On DOG DISEASES And How to Feed

Mailed free to any address by the Author.

H. Clay Glover Co., Inc., 129 W. 24th St., New York

Pencil Box Free

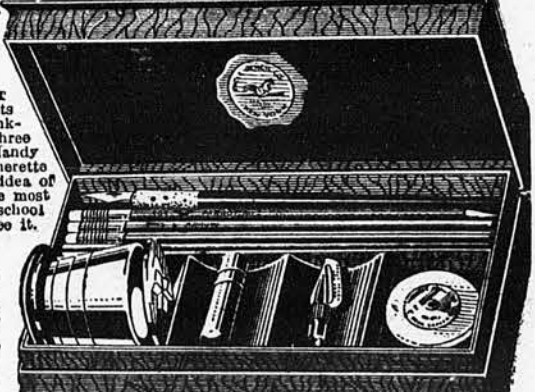
Just the Thing For School

This is the most complete Pencil Box Outfit that you have ever seen. It consists of a high-grade pen holder, aluminum drinking cup, pencil sharpener, 10-inch ruler, three long pencils, two short pencils and a dandy eraser all neatly arranged in a leatherette covered box. You can get only a slight idea of its real value by this picture, but it is the most complete outfit you ever saw—all your school chums will be wild about it when they see it.

Our Schoolday Offer

We are going to give away thousands of these dandy pencil boxes Free and Postpaid to every boy and girl who will send us four one-year subscriptions to Cupper's Farmer at 25c each—just a \$1 club. Send in your order early and be ready when school starts.

Cupper's Farmer, Topeka, Kansas



Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—



What Is Your Christmas Custom?

A mother of young children prefaced her description of their Christmas festivities thus, "I like to hear of the customs of other homes." This mother has adopted a custom for Christmas which even the youngest child enjoys. At the close of the Christmas evening meal, one candle is lighted for each member of the family and a poem entitled, "They Are Lighting the Christmas Candles All Over the World Tonight," is read. Think how the sight of a lighted Christmas candle will always turn those children to thoughts of home!

A mother who had always had Christmas stockings for her children kept up their interest in the opening of the Christmas stockings by letting them stuff one of hers and hide it in a forbidden spot from which it could be brought out Christmas morning. The children are married now but still send their mother a stuffed stocking every Christmas.

"A Christmas Carol" is Read

The father of a family of older children reads Dickens's "Christmas Carol," aloud every Christmas Eve. It is a story that embodies the very spirit of Christmas to such an extent that it never grows old.

New ideas for the holiday season are desirable, but try to fix one little custom in your home that will always be the center of Christmas memories for your children.

No evergreens are native around many country homes. One father always takes the afternoon before Christmas off and goes with the boys to bear home a small white oak holding all its brown leaves. It is a jolly affair, and more fun than buying a shipped-in tree. The girls make wreaths of evergreen, honeysuckle and wild coral berries for the tree. Mrs. H. M. Saline Co., Missouri.

Happy Thoughts for Grey Days

BY IRENE JUDY

MY FIRST sightless Christmas day was indeed a dark one. As it drew nearer, I dreaded it more and more. Not that I did not expect any gifts. I knew I would receive many for Santa always spilled his pack into my stocking. But how was I to enjoy the things he brought if I could not see them? Rather, the thought that troubled me most was how could I make mother and



father think I enjoyed my gifts and so ease the hurt in their hearts? I knew they dreaded the day even more than I, for that is ever the way of our precious parents.

Christmas morning brought a heavily laden postman and expressman. It seemed that all the friends we had ever known had remembered us that season. Many had just learned of my new handicap and their loving wishes were mingled with a deep sympathy.

As mother and father opened and

read everything, trying to tell me about it, the tears they had been so bravely hiding for weeks fell unrestrainedly. It was now my turn to cheer and comfort but there was a lump in my throat that almost belied my words. I, too, had yet to learn how well I could see thru my sense of hearing and the eyes of loved ones.

Far different from that grey day was last Christmas. I had known many happy ones but it was the happiest of all. As usual, I received many gifts, but the most wonderful was given to me by the Kansas Telephone Company and its manager here. This gift was the use, as long as I wished, of an amplifier set that they installed in the Community Church, of which I am a member, also an extension receiver and transmitter that were attached to our telephone.

Sermon Over the Telephone

Christmas morning as I lay listening to the services—the first I had heard in 14 years—truly, it seemed a bit of heaven. It was as tho the walls of our little cottage had expanded and I was in the church catching every strain of the sweet music and hearing every word that fell from our pastor's lips.

The first thing which came over the wires was that dearly loved old song, "Joy to the World, the Lord is Come." I wonder if the message could have sounded sweeter to the shepherds that first night! Surely the same loving Spirit that sent the Babe of Bethlehem to a needy world put into the heart of my friend the thought of giving me this gift.

My gift was made doubly precious by the kind interest everyone showed in it. It seemed that the whole town was rejoicing with me. All day friends came to see me, this time not to sympathize but to congratulate.



Farm Home News

BY MRS. DORA L. THOMPSON

Apples and Sausage

The combination of apples and sausage sounded like a new dish. We tried the suggestion that we should sprinkle apples with sugar, place in a baking dish and cover with pats of sausage, add water enough to make steam, cover and bake. Those who liked the combination were exceedingly well pleased, those who didn't weren't.

Later in reading Mrs. Harris's story of "A Daughter of Adam," we learned that an old time southern dish was apples with cores removed, stuffed with sausage and baked. It seems to help prove the old statement that there is nothing new under the sun.

Storing Butter in Ice

If we stored ice for summer, we should try a plan much in use in the North. In many homes, the summer supply of butter is made at this time, after many of the cheese factories are closed. The butter is packed in jars, sometimes in the form of rolls, covered with brine and placed in different layers of ice as they are packed in the ice house.

School Entertainments

A school boy, corrected for an ungrammatical expression, said, "Well, we had to learn that in our dialog for the box supper. No wonder we get so we say it all the time." Teachers who often feel discouraged over the results of their efforts to teach good English may well think of the effects of such dialogs. Constant repetition gives such ungrammatical expressions

a natural sound and many a child is left in doubt as to what is correct.

Chicken Sale

As a means of raising funds much needed for church work, the women of the community decided to have a dressed chicken sale. They knew there

IF I CAN let into some soul a little light; if I some pathway dark and drear can render bright; if I to one in gloom can show the sunny side; tho no reward I win, I shall be satisfied."

would be practically no sale for them, locally, so they advertised them in a Lawrence paper. As an after-thought live chickens were included. To the surprise of all, every order but one was for a live chicken. The difference in price was 9 cents a pound. The number of orders received indicates that town people like country products delivered directly.

Mother Now Has a Wood Box

Mother wanted a green wicker wood basket she saw down town for the living room fireplace in the precious new home. But she said \$7 was too much to pay after all their expense, and they'd have to wait.

Then Bobbie set his wits to work. He seemed to grasp a big idea. Mother would like something he could make better than anything. There was a picture of a lovely wood box in one of the magazines, and the manual training boys could stay after school and work if they wanted to. He'd just surprise her on her birthday. And he'd use her own motto, "The best possible results with the least possible outlay."

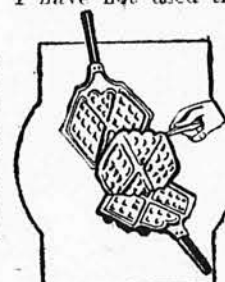
He found a box of suitable size out in the shed, well made of good, smooth hard pine, and he first re-inforced the thin bottom with some thin boards from another box, fitting them carefully inside. He also fastened two strips 1/2 inch thick and 2 inches wide, on each corner outside, and sandpapered the box all over inside and out. Then he stained and finished it outside and in, to match the polished oak mantelpiece.

To make it look antique and more convenient and more durable, he fastened bronze drawer handles on the ends, and found some iron hooping the right width to nail on the upper edge all around to save the wear on the wood. This was fastened in place with bronze headed upholstery tacks set close together, after making holes for them with a small sharp nail.

Florence L. Snow.

Waffles Fried Without Grease

We have had eggless cakes, wheatless meals and sugarless coffee and now we have greaseless waffle irons. I have not used this iron myself but



I have seen it used and have tasted waffles baked in it—they were delicious. The first time one uses this iron she heats it only moderately then pours from a pitcher enough batter to cover the center. The waffle is browned to a crisp on both sides, but it is thrown away because it has acted as a cleaner. From that time on the iron causes no extra work—not even washing. After every time it is used it is placed in a paper bag to keep it from getting dusty.

There are some rather unique features about this iron. On both outside surfaces there is a notched rim which holds the iron the correct dis-

tance from the stove and allows equal distribution of heat. There is no heavy rack or frame to lift.

The pointed hinge at the back acts as a lever on which to turn the iron. A fiber handle is convenient because it does not get hot and a deep extra groove takes care of excess batter—providing the amount put into the iron is not too great.

Mrs. Ida Migliario.

Mince Turnovers

Mince pie is a favorite in cold weather. Someway it provides just the taste that one enjoys after working outdoors in the wintry air. Mince turnovers are equally delicious. In addition they are more easily digested by many persons since the crust is not so rich as pastry. To make them use this recipe.

2 cups flour
1/2 teaspoon salt
Milk to make soft dough
Mincemeat
2 teaspoons baking powder
5 tablespoons shortening

Sift the flour, baking powder and salt together and work in the shortening lightly with the tips of the fingers. Add sufficient milk to make a soft dough which may be rolled. Roll 1/2 inch thick and cut in large circles. Place a spoonful of mince pie filling in the center of every circle, wet the edges of the dough and fold one half of the circle over the other, pressing the edges together tightly. Brush the tops of these turnovers with milk and bake in a hot oven about 20 minutes.

Nell B. Nichols.

Two Pretty School Dresses

1572—Women's and Misses' Dress. The ever popular crepe de Chine was chosen to be used with the new printed crepes in this style. Sizes 16 years and 36, 38 and 40 inches bust measure.

1567—Women's House Dress. This neat house dress may be opened flat to iron. Sizes 36, 38, 40, 42, 44, 46 and 48 inches bust measure.

1579—Girls' Dress. Attractiveness



is combined with serviceability in this cunning dress. Sizes 6, 8, 10, 12 and 14 years.

1577—Girls' Dress. For school wear, it is difficult to find a style that renders more service than the smart jumper frock. Sizes 6, 8, 10, 12 and 14 years.

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

Peanut Butter Drop Cookies

Have you a recipe for peanut butter drop cookies?—Mrs. C. O. P.

I believe you will like this recipe.

1 cup peanut butter 2 cups flour
1 cup sugar 1 teaspoon salt
2 tablespoons lemon juice 1 teaspoon soda
1 cup water

Rub together the peanut butter, sugar and lemon juice and add the flour in which has been sifted the salt and soda. Gradually stir in the water. Drop the mixture by spoonfuls on a greased tin and bake in a

moderate oven. If desired 2 teaspoons of baking powder may be used instead of the lemon juice and soda.

What to Do For Dandruff

I am troubled with dandruff and my hair is dry and brittle. What can I do for it?—S. G.

Directions for massaging the scalp and shampooing the hair are so long that I cannot print them. However, if you will send me a self addressed, stamped envelope I will be glad to tell you what to do and how to do it.

Time to Eat Candy

My children are fond of milk chocolate. When is the best time for them to eat it?—Mrs. E. C.

Children should have candy after meals only. Then they will not be likely to eat too much. It is a known fact that sweets satisfy the appetite, so when children are allowed to eat candy before meals they not only eat too much but they refuse to eat a balanced meal.

Is Your Club This Active?

Farm Bureau President Approves of Work

BY FLORENCE K. MILLER

HOME demonstration club folks in the Independence community of Sedgwick county have had dress form and millinery work, decorative stitches, and hot lunch and culling demonstrations—all since May when Ethel McDonald, home demonstration agent, came into the county. Before that time, there were no home demonstration clubs. Now most of the women in the community are enthusiastic members. Martha McMillan is president of this group of women, and she has done much toward making club work so successful.

Twenty women attended a meeting of the club held recently at the Independence Methodist church, when Minnie Sequist, clothing specialist of the extension department of the Kansas State Agricultural College spoke on the selection of materials, colors and lines in clothing.

Two Pieces of Satin Are Tested

At the beginning of the meeting, Miss Sequist passed around two pieces of satin of apparently the same quality. The women were to judge, silently, which of the two they thought the best. When the samples were tested, the piece most of the women thought would give the best wear proved to be the most heavily weighted. The burning test was used. Good silk leaves a crisp knob when it is burned, and heavily weighted silk has a charred appearance after being held in a

flame. Miss Sequist said that manufacturers were so skillful in weighting silk that it was difficult to tell its quality by observation.

A pure silk material would be so frail that it would not give much service, so some weighting is necessary. Forty per cent of weighting may be added without injuring the material but silk weighted more than this will not stand much wear. The weighting crystallizes and soon splits. Miss Sequist emphasized the point of buying standard materials at a reliable store.

An Interesting Experiment

Illustrations on the effect of certain lines in clothing on different types of individuals were interesting. Try this: Draw two lines 4 inches long. At the ends of one line draw a V 2 inches deep pointing out, and at the ends of the other line, draw a V the same size pointing in. Do the lines appear of the same length?

The same principle applies to dress. A costume with panels and long lines should be worn by the stout person, and dresses designed on horizontal lines by the tall, slender person. The effects of colors on different types of persons were interesting also.

T. W. Wise, president of the Sedgwick county Farm Bureau believes in the work the women of the Farm Bureau are doing. He brought six women to the meeting and came after them in the evening to prove it.



Martha McMillan, President, at Extreme Left Entering Church, Ethel McDonald Home Demonstration Leader at Right and Independence Club Members

You Use Lumber for Something Every Day

OAK! OAK! OAK!

Our advertisement in the Kansas Farmer on Dec. 9th has been answered by farmers in all parts of Kansas. They are, we find, ready to use OAK lumber instead of soft wood as OAK is not only better but it costs less. We can deliver a car load of No. 3 Common OAK lumber containing 10,000 feet board measure at a cost so low that it will surprise you. Our lumber is 1 inch in thickness and of standard lengths and widths. It is band sawn.

Club With Your Neighbor and Buy a Carload

You and your neighbor can club together and order a car load of this lumber. You can divide it between you, and each have on hand a fine lot of useful OAK lumber.

Write Today for Our Prices

National Hardwood Co., 618 Bryant Bldg., Kansas City, Mo.



WE PAY THE FULL MARKET PRICES ALWAYS

HIDES AND FURS

Green Salt Cured Hides (all weights) No. 1..12c
Green Salt Cured Hides (all weights) No. 2..11c
Horse Hides, as to size, No. 1.....\$3.50 to \$4.50
Horse Hides, as to size, No. 2.....\$3.00 to \$4.00
T. J. BROWN, 126 North Kansas Avenue, TOPEKA, KANSAS

Buy Results!

Experienced poultry advertisers know that primarily they are not buying circulation—they are buying RESULTS. Kansas Farmer and Mail & Breeze has the reputation of being the greatest result getter for its territory. It reaches more than 130,000 farm families, nearly all in Kansas and Eastern Colorado. It reaches six out of every ten farm homes in Kansas, having more circulation than any other farm medium circulating in the state. It carries more classified poultry advertising for Kansans than any other paper. The advertisers know the reason.

Here's What They Say:

BABY CHICKS

Eskridge, Kan., May 1, 1922.

We sent you an ad last week to run through June for Baby Chix. We have almost a book full of orders for June already from this ad and would rather not have it run any longer as it makes so many letters to answer. Will use your paper again next season as we sure have had good results from it. F. B.

TURKEYS

Gove, Kan., January 18, 1922.

Please take my ad out of the paper as all my turkeys are sold. Have sold 125 turkeys thru this advertisement and am well pleased with results. Mrs. J. R.

COCKERELS

Ellsworth, Kan., January 16, 1922.

Will you please cut out my ad in your paper for the first time out it took all the birds I had. I had over 125 cockerels. I paid for four insertions but it is no use to have the public writing when I am out. W. R. N.

BABY CHICKS

Clay Center, Kan., June 9, 1922.

Please discontinue my advertisement with next week's issue. My season closes then. Have sold my entire output this season through the advertisement in KANSAS FARMER AND MAIL & BREEZE. Will surely be with you again next season. M. Hatchery.

EGGS—BABY CHICKS

Burlington, Kan., April 23, 1922.

The KANSAS FARMER AND MAIL & BREEZE is certainly a hummer to get results from advertising. I am getting more orders than I can fill. Will you please discontinue my ad until some future time and give me credit for balance due me. Mrs. L. W.

COCKERELS

White City, Kan., Feb. 2, 1922.

Please accept my thanks as the one-time ad sold all my White Rock cockerels in a week and some checks returned. Mrs. J. M.

And They Come Back!

You will note every one of the above letters is from a Kansan and from the last poultry season. They will probably all be back this season, as our classified business is built on results and is maintained by the people who get satisfaction season after season. In one mail on November 14 we received 12 classified orders. Our records are kept on cards and for the 12 orders we made out only one new card. The other 11 advertisers had all used our columns this year, some of them having sent in six or seven different orders. If you want results, get classified in Kansas Farmer and Mail & Breeze.

Use The Blank On Classified Page

25 Marbles Free!

The Marble season will soon be here. How would you like to have a sack of 25 Flint Agates, all different colors? Imagine yourself kneeling down to a game of "Boston" with a hand full of Marbles that would attract the eye of every boy. They will all be wanting the chance to win some of your Marbles, and the minute the game starts they will be anxious to get a shot at your Marbles first. There is not a pottery in the bunch. Each Marble has a variation of several different colors. Just the right size for accurate shooting.

SEND NO MONEY

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

M. Berry, Marble Dept. 60, Topeka, Kan.



To Have Ready Money
USE
SURE HATCH
INCUBATORS & BROODERS

That the surest and quickest cash income is from chickens was decidedly proved during the past two or three years. Eggs and Poultry bring good prices and are quickly turned into money. People on farms and in towns secure quick cash returns with a Sure Hatch Incubator.



Thousands of Satisfied Users
have made good money out of Sure Hatch Incubators during the 24 years they have been on the market. Easy and simple to operate. No experience necessary. Complete instructions with each machine.
And Sure Hatch Fresh Air Colony Brooders raise all the chicks and make the business pay.
Quick shipments from Fremont or Chicago.
Send for **FREE CATALOG** and **1923 Special Prices**
SURE HATCH INCUBATOR CO.
Box 14 Fremont, Neb.

We Pay Freight
Use Old Trusty and Make Bigger Poultry Profits

To make money with poultry you want an incubator and to get the right machine ask for Old Trusty, the choice of more than a million successful poultry raisers. Write for my new catalog and get my price, freight prepaid to your station. Quick shipment from Clay Center, Neb., and St. Joseph, Mo. Harry Johnson, "Incubator Man."

M. M. Johnson Company
Clay Center, Neb.

140 Egg Incubator \$13.25
30 Days Trial

Freight Paid east of the Rockies. Hot water, copper tanks—double walls—dead air space—double glass doors—a real bargain at \$13.25. Shipped complete, set up ready to use.

140 Egg Incubator and Brooder - \$17.75
180 Egg Incubator Alone - 15.75
180 Egg Incubator and Brooder - 22.00
250 Egg Incubator Alone - 22.75
250 Egg Incubator and Brooder - 31.00

Made of California Redwood—last a lifetime. Positively the best value on the market today. Order the size you want direct from this ad. 30 days trial—money back if not pleased. If not ready to order now, don't buy until you get our new 1923 catalog.

WISCONSIN INCUBATOR CO. Dept. 136 Racine, Wis.

140 EGG Incubator Only \$13.85

Made of California Redwood, covered with galvanized iron, double walls, air space between, built to last for years; deep chick nursery, hot water heat, copper tanks. Shipped complete, set up, ready to run, freight paid.

140 EGG INCUBATOR WITH BROODER \$19.75
260 EGG INCUBATOR, ALONE, ONLY . 23.50
260 EGG INCUBATOR, WITH BROODER 32.90
30 days' trial—money back if not O. K.—FREE Catalog Ironclad Incubator Co., Box 83 Racine, Wis.

NEW POULTRY BOOK
By **GEO. H. LEE**

Mr. Lee is author of a score of books on poultry, having a distribution of more than TWENTY MILLION copies. He considers as best of all, his latest book "POULTRY TROUBLES". There are climatic troubles; seasonal troubles; neighborhood troubles; epidemic, accident, vermin, housing and feeding troubles—their PREVENTION and TREATMENT all told in the plain, easily understood, common-sense way for which Mr. Lee's writings are famous. It's worth reading. A copy may be had FREE from any dealer handling Lee's Lice Killer and Germozone, or from

GEO. H. LEE CO., Dept. F-5, Omaha, Nebr.

A Quality Hatcher At The Lowest Price "Successful" INCUBATORS & BROODERS

Mail a postal—Get our offer. Poultry lessons free to every buyer. Booklet, "How to Raise 48 Out of 50 Chicks," 10c. Catalog FREE. Make green, egg-making feed in "SUCCESSFUL" Grain Sprouters.

Des Moines Incubator Co.
346 Second St., Des Moines, Ia.



30 Years of Big Successes

Free Catalog in colors explains how you can save money on Farm Truck or Road Wagons, also steel or wood wheels to fit any running gear. Send for it today.

Electric Wheel Co.
30 Elm St., Quincy, Ill.

FENCE PRICES LOWER
Greatly REDUCED PRICES Poultry Fence Barbed Wire. Sold Factory to user Direct. We PAY THE FREIGHT. Write for free Catalog which saves you money.

INTERLOCKING FENCE CO. Box 125 Morton, Ill.

For Our Young Readers

Here's Wishing You a Very Merry Christmas and the Happiest of New Years!



The "Missing Words" Winners

The winners in the contest in which you were to fill out the missing words (neigh, neigh; whoo's whoo and quack, quack) in the verses are: Rose Nall, Elma Kansase, Ruby Sieglinger, Merle Ballard, Bernice Dooley, Mildred Garrison, Annis Terkeldsen, Edith Van Lew, Eulah Bratton, Ina Ninemire, Paul Weiser, Edna Oakley, Glen Privat, Gustave Loupold, Flayion Coffman, Vivien Adee, Erma Beach, Annabelle Crain, Alice Noell and Henry Weske. These boys and girls supplied the exact words.

How Many Pounds?

Here is a picture of my pet cat. He is 1½ years old, weighs 8 pounds. He goes to the cow lot with us and sits under the cow until someone milks in his mouth. I am 12 years old and in the sixth grade at school. I walk a mile to school.



Irene Wohletz, Huron, Kan. (Irene doesn't give us the name of her cat. What do you suppose it is?)

A Strange Pair of Friends

We once had a pet pigeon, also a big cat that caught every bird he could. He wouldn't bother the pigeon, tho. He was often seen lying in the sun on a cold day with the pigeon standing on him trying to warm its feet in his fur. They would drink milk from the same pan. But a big, ugly snake caught the pigeon. Louise Grupe, Cambridge, Kan.

Pigeon Cares for Chicks

I have a neighbor that had a hen that hatched some chicks. The hen died and a pigeon took the chicks and cared for them. He fed them and hovered them. Johnnie Lee, Walnut, Kan.

Quite a Funny Family

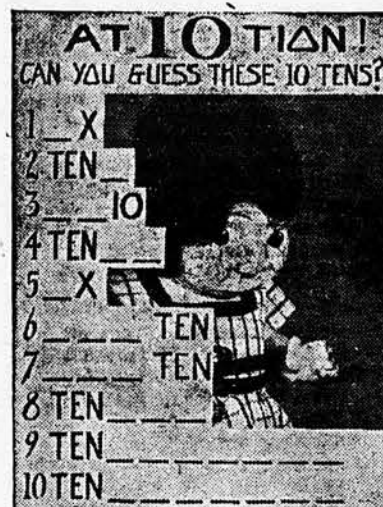
Last spring my cat had five kittens. When they were about 2 months old

another cat killed them all. I buried them, but the mother cat would bring them back to us and mew so pitifully. So the neighbors gave her four little live kitties and a few days later Daddy brought home a baby coyote that didn't have its eyes open. We gave it to her and she became very proud of it. We gave her a baby rabbit, too, but the coyote lay on it and killed it. The cat mothered the coyote until it was as big as she was.

Almena, Kan. Wilda Rolder.

My First Pencil Box

We had a fair once at our school house. There were lots of pencil boxes and I wanted one. I tossed a ring but didn't get anything. I tried again and got one. It was very pretty, consisting of a big drinking cup, three pencils, a penholder, two short pencils and a nice eraser. Bertha Graham, Almena, Kan.



The first answer is the name of a beast of burden; folks sometimes use the second when they go camping; the third is a state; the fourth a singer; the fifth something to cut with; the sixth a small cat; the seventh is something to wear on the hands; the eighth is the name of somebody who lives on a rented farm or house; the ninth is a kind of meat and the tenth is what a man from the East who goes out West is called.

When you find the correct names, send them to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be a package of postcards each for the first 10 boys and girls answering correctly.

Solution December 2 puzzle (Farm Products): Celery, corn, onions, rye, parsnips, peas, alfalfa, clover, beans, potatoes and barley. The winners are: Virginia Halbert, Virginia Sadler, Linnea Bergsten, Dora Bessey, O'Neta Warburton, Sappho Lindsey, Edna Clow, Constance Karlin, Roderick Smith and Vera Kitch.

We Are Good Playmates

This is a picture of myself and my little cousin, Homer Junior Page. I am 9 years old and in the fifth grade



at school. I have two brothers and one sister. Their names are Stanley and Gordon and Eva. Mildred Carr, Colby, Kan.

Two FREE Books On Butchering and Curing

More than 150,000 Farmers are following the directions contained in two books recently issued, and have solved home butchering and meat curing problems quickly and easily. Thousands say these books are worth many dollars, yet they are free to everybody anxious to know the best ways to do farm butchering, save on living costs and make money butchering for friends and neighbors.

The new and enlarged edition of "Simple Instructions for Butchering on the Farm" shows you how to select stock; correct way to slaughter; how to dress and skin; how to chill; how to cut meat, etc. Pages and pages of working drawings and diagrams.

Many actual photographs contributed by butchering authorities and experienced home butchers. "Recipes for Curing Meat" shows quickest and best ways to insure delicious home cured meats at lowest cost with less effort. Reading these books and having them at hand for ready reference will enable any man to do home butchering and meat curing with surprising ease. No need to guess. The simple facts are in these books, all clear and easy to apply. Address the Home Welfare Dept., Desk 823, The Carey Salt Co., Hutchinson, Kan., and these books containing more than 60 pages will be sent free and postpaid.

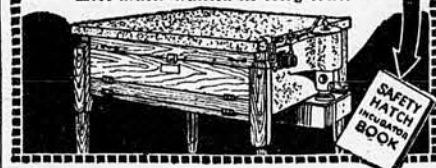
Clip this Ad for Free Safety Hatch Incubator Book!

Insures Hatching Success

The Safety Hatch gets a live healthy chick from every fertile egg of normal vitality. This book tells WHY and HOW. Get it now—learn how our patented circulating hot water system keeps heat constantly at hatching temperature; all about our double-wall construction and other safety features. Mail this ad today with your name and address for free book, our "Evidence Folder" and name of nearest dealer.

THE MORRIS MFG. CO.
831 E. Russell St., El Reno, Okla.

Live dealer wanted in every town



Whatever Your Question

Be it the pronunciation of Bolshevik or soviet, the spelling of a puzzling word—the meaning of blighty, fourth arm, etc., this Supreme Authority—

Webster's New International Dictionary contains an accurate, final answer. 400,000 Words, 2700 Pages. 6000 Illustrations. Regular and India-Paper Editions. **G. & C. Merriam Co., Springfield, Mass.** Write for specimen pages, prices, etc., and FREE Pocket Maps if you name this publication.

Purebred!

Trying to beat the averages broke many a man in the days of gambling houses. It is breaking many farmers today. The averages in stock raising are that the purebred beats the scrub. Why try to "buck the game" with purebreds at present prices? You'll always find good values in our Live-stock Advertising.

Swat the Scrubs

PEACH & APPLE TREES

REDUCED PRICES DIRECT TO PLANTERS Small or Large Lots by Express, Freight or Parcel Post. Pear, Plum, Cherry, Berries, Grapes, Nuts, Shade and Ornamental Trees, Vines and Shrubs. Catalog FREE. **TENN. NURSERY CO., Box 35, CLEVELAND, TENN.**

Be Comfortable!

You hard-working men don't know real comfort and economy until you wear



FITZ OVERALLS

They stand hard wear. They fit anyone. They reduce clothing expense. Sixty-six sizes—all guaranteed. Your dealer can supply you from stock or by special order (in 24 hours) from **BURNHAM-MUNGER-ROOT** Kansas City, Missouri.

Capper Pig Club News

Make Yourself a Christmas Present of a Membership in the Capper Clubs

BY RAYMOND H. GILKESON
Club Manager

WELL, now I am old enough at last to join the Capper Pig Club as this is my birthday and I am 12 years old. I already have a registered sow to enter in the contest—a Chester White. She is 8 months old and weighs 300 pounds." Clarke C. Pate, Geary county, sent in an application for membership in the club for 1923, and that is the message he sent with it. Every ambitious farm boy in Kansas has a right to get a start with

worth while a great many old members are re-enrolling for 1923. Welcome, club members, old and new.

Take a partner in the club work with you this year. The best one you can find is your dad, and I'm glad to tell the boys who are thinking of joining the club that provisions are made whereby they can be partners with their fathers in the club work. Of course, I'm not supposed to know very much about the Poultry Club,

Merry Xmas—Happy New Year

TO ALL the friends we have made thru the Capper Pig Club, and to the new friends we are making, we send the season's heartiest greetings. We sincerely hope the year of 1922 will end well in a financial way, that health and happiness will be yours, and with the opening of the new year may the experiences of the past and the opportunities of the present open to you new vistas of successes to be won.

Earle H. Whitman.

Raymond H. Gilkeson.

purebreds thru the Capper Pig Club. It may be that a boy doesn't have a sow as Clarke Pate has, but that is all the more reason why that boy should try to get in the club. Boys who do not have sows may borrow enough money from Arthur Capper to pay for one, after filing approved recommendations. We are going to try to take care of all the boys who apply for membership this year, but to make sure you will get a place on your county team, send in the application right away.

Learning to care for a sow and litter is a man-sized job, but in the past hundreds of farm boys have started on the road to a successful future with a purebred sow, and what has been done can be accomplished by the farm boys of 1923. So many things may be had for only a little extra work. There is satisfaction in knowing that you are doing something for yourself, and actually earning money. You'll find the pep meetings full of fun and help. The application in connection with this story, if filled out and sent to the club manager will bring all the necessary information, and an opportunity for you that cannot be overlooked without loss.

Club members of 1922 have completed their records for the year and most of these records have been received by the club managers. It is exciting to open one of these record books to see what profit a club member has made. During 1922 the club members made very substantial profits, too, and as proof that the work is

but I do know that the girls who join may have their mothers as their partners. Wouldn't it be fine to have a father and son and a mother and daughter in the same family run a race to see whether pigs or poultry are the best money makers?

Kansas Jersey Records Broken

Kansas Jerseys have broken the state butterfat record in the junior 2 year old class twice in a month. Muench's Artemisia, owned by Charles H. Gilliland, Mayetta, produced 7,691 pounds of milk and 467.79 pounds of butterfat, exceeding the record held by Sultan's Jolly Tipsy, Kansas State Agricultural College, of 7,940.5 pounds of milk and 464.9 pounds of fat. One month later Financial's Raleigh's Belma, owned by M. A. Tatlow, a tenant farmer of White City, set a new record in this class. Starting when 2 years and 4 months old, this cow produced 8,979 pounds of milk and 480.72 pounds of butterfat in class A A, carrying a living calf for 184 days during the year. Belma is a granddaughter of Financial Countess Lad.

Lower the Freight Rates

From the Wichita Eagle.
Senator Capper of Kansas, tells the Senate that the American farmer has been paying dearly for the privilege of raising wheat, and is getting tired of it. He says that the railroads cannot afford to refuse longer to lower freight rates on agricultural products.

He points to the prosperity of the railroads as compared with the situation in which many farmers and business men find themselves as a result of high freight rates.

It's quite exhilarating to know that a man from Kansas is talking that way in the Senate. It is a matter of no small gratification to Kansas people to realize that the elder statesmen are hearing some good, sound economic doctrine from Kansas, from which has emanated during the last two or three years so much spurious preaching in the field of economics and industrialism.

Say it again, Senator Capper: "The railroad rates must be lowered."

Farmers' Week in Topeka

Freight rates, agricultural credits, co-operative marketing and needed legislation are among the subjects for action by the great farmer's conference called by Secretary J. C. Mohler of the Kansas State Board of Agriculture to meet in Topeka on January 10, 1923.

Every farmer in Kansas is invited to be present and a number of representatives of other lines of business which are related to agriculture will be asked to supply them with needed information—bankers for agricultural credits; railroad men for freight rates; millers, grain dealers, livestock men, commission and packing houses for marketing conditions and farm journals and the daily press for the dissemination of information.

This conference will be followed on the evening of the same day by the Kansas Farmers' Convention which has been conducted under the auspices of the Kansas State Board of Agriculture for 50 years and the railroads have granted reduced rates on the certificate plan to those who attend these meetings.

Railroad certificates must be called for when the tickets are purchased and these will be good for a half-fare return when properly validated at Topeka.

Governor Jonathan Davis and other noted men will be among the speakers in this effort to co-ordinate the economic factors which work for the good of agriculture, and possibly to create new agencies, as the individual success of the farmer is best assured thru organized effort.

A One-Man Poultry Plant

(Continued from Page 7)

Swan begins hatching December 1 and continues until April when he usually permits several hens to hatch out broods. It is his opinion that farmers should begin hatching operations sufficiently early so they will have a lot of chicks in March in order to get best results on the market and in egg production.

There are four breeding houses on this poultry farm. They are 20 by 20, with middle partitions to break up swinging drafts. A double ceiling over the roost aids ventilation and avoids drafts. Air is admitted thru openings in the south wall. Every house accommodates 100 hens.

Four colony houses are included in the equipment and seven hen coops. Swan raises 500 birds a year, usually getting 250 pullets. Only 50 of the best are retained for breeding purposes, the others being sold. Cockerels, except the best individuals, are fattened for market and return good profit.

Invest Safely and Profitably

In these days when every dollar counts and when so many "investment" schemes are directed at the farmer, the problem of investing surplus funds is really important. I believe that I have solved that problem for the readers of Kansas Farmer & Mail & Breeze. This investment is backed by 28 years of success in a business which has grown to be one of the strongest concerns in the Midwest, and in fact, the largest business of its kind in the world. Further conservative expansion and additional equipment are the motives for obtaining additional capital at this time. Amounts of \$100 or more are solicited. The rate of interest is 7 per cent payable semi-annually with the privilege of withdrawing any or all of the investment at any time upon 30 days' notice. I can unqualifiedly recommend this investment and believe it as safe as a government bond. A letter to me will bring you promptly further information. Arthur Capper, Topeka, Kan

WHY DREAD CALVING?

Take no chances with your valuable cows at this serious period. There's no need of it. If the cow's health is fully up to par, nature will do the rest. Two weeks before calving and about three weeks after, feed the cow a tablespoonful of Kow-Kare morning and evening. Her health will be assured and a strong calf result.

Kow-Kare acts directly on the genital and digestive organs, making them strong and active. Disease has no chance to get a foothold.

Kow-Kare is a sure, safe remedy for the ailments of milking cows. Boredom, Abortion, Retained Afterbirth, Scours, Milk Fever, etc.

Sold by feed dealers, general stores, druggists—\$1.25 and 65c sizes. Mailed, prepaid, by us if dealer is not supplied. 32-page book, "THE HOME COW DOCTOR," free on request.

DAIRY ASSOCIATION CO., INC.
Lyndonville, Vt.



FREE BOOK

SAUSAGE TIME IS HERE

FREE BUTCHER SUPPLY CATALOG

Lists cutlery, choppers, tools, lard rendering outfit, sausage equipment. Everything for the farmer who slaughters. Get our prices. We can save you money. Buy from a butcher supply house. Established 30 years. SENT FREE

What is finer on a chilly morning than good home-made Pork Sausage? And you can have the most delicious sausage in the world if you use

Country Maid Pure Pork Sausage Seasoning

Generous 7-oz. trial package, enough for 30 pounds of sausage, sent post-paid for 30 cents.

FREE! We will send with each trial order the story of the farmer who made a fortune making pure pork sausage. Limited edition.

101 RANCH, Bliss, Okla., says: "all customers who bought our sausage stated it was the best they had ever eaten." We are well pleased with it and glad to recommend it to any one who wants something different."

(signed) Miller Bros.
GRUENDLER MFG. CO. 934 N. Bwy., St. Louis, Mo.



TANK HEATER
BURNS OIL

Fits any tank. Burns 14 to 16 hours on one gallon of kerosene. No soot, smoke or odor. Guaranteed. Write for interesting folder, and for Special Introductory Offer. We also manufacture Hog Waterers and Portable Smoke-houses. Write for information. Direct to lowest factory prices. EMPIRE TANK HEATER CO. 288 N. 7th St., Washington, Ia.

MEN WANTED

Pleasant work. Good pay. We train you. Experts in charge. Low tuition. Places to work way. Railroad fare paid. Radio free. Shop methods. Personal instruction. Free catalog. Write The Hutchinson Auto-Tractor School, Hutchinson, Kan., for full information.

Capper Engraving

WRITE for PRICES ON CATALOGS & LETTERHEADS

ARTISTS ENGRAVERS DEPT. M TOPEKA-WICHITA

TRAPPERS

North American Trappers Protective Association, organized for the benefit of trappers. Write me for full particulars.

WALTER W. SCHÖÖR, PLEVNA, KANSAS

5 Beautiful Post Cards 2c

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. K. McKenzie, Dept. 51, Topeka, Kansas

64 BREEDS Most Profitable chickens, ducks, turkeys and geese. Cholee, pure-bred northern raised. Fowls, eggs, incubators at reduced prices. America's great poultry farm. 30th year. Valuable new 100-page book and catalog free. R.F. NEUBERT Co., Box 828 Mankato, Minn.

Clean House!

Take a tip from business and Clean House. Get rid of the equipment you are not going to use. Don't let capital rot and rust away. It is easy to move extra equipment.

Classified Ads Will Do It

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.

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas

Raymond H. Gilkeson, Pig Club Manager

Rachel Ann Neiswender, 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

This Beautiful Doll Free!

Be Sure
You Get a
Copper
Doll



Can You Solve This Puzzle?

D-L-Y D-M-L-

What is the name of this doll? Fill in the blank spaces above and complete the doll's name. It's easy. When you have filled in the blank spaces write Aunt Alice and tell her what the name of this doll is, and she will tell you how you can get one of these big dolls over 15 inches tall, with real wavy hair, rosy lips and big, wide-awake blue eyes. It is not a cloth doll to be stuffed, but a real doll, wearing a beautiful Bloomer Dress neatly trimmed, with white collar and cuffs, a pair of white socks and shiny black slippers. It is a doll that any little girl would enjoy making dresses for. Be the first one in your neighborhood to get one of these lovely dolls. Any girl who has received a Copper Doll will tell you how beautiful they are.

**A Beautiful Doll
For Every
Little Girl**

Aunt Alice has a doll for every little girl, so be sure and write and tell her what this doll's name is, filling in the coupon below. Send no money, just your name and address. Hurry if you want one of the beautiful dolls.

AUNT ALICE
42 Copper Bldg., Topeka, Kan.

AUNT ALICE, 42 Copper Bldg., Topeka, Kan.
I have worked out the puzzle above and this doll's

name is.....
Below you will find my name and address. Send me your big Free Doll Offer.

Name.....

St. or R. F. D. No.....

Postoffice..... State.....

Our Guarantee

We positively guarantee the Doll we are offering to be exactly as illustrated and is 15 inches tall.



Boys French Harp!

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

Farm Organization Notes

BY RURAL CORRESPONDENTS

The Kansas State Grange Holds an Interesting Meeting in Leavenworth and Elects Officers

THE Kansas State Grange held a very interesting and important meeting in Leavenworth, Kan., last week and about 700 members were in attendance. At the annual election J. P. McMullen of Burlington, Kan. was elected president; Caldwell Davis, overseer; C. C. Cogswell, of Kingman, lecturer; William Cook of Leavenworth, steward; Mrs. J. B. Allen of Gridley, chaplain; S. B. Haskins of Olathe, treasurer; W. E. Wedd of Lenexa, secretary; Ray Nicholson of Moline, Kan., gatekeeper; Mrs. Josie Scriptor of Detroit, Ceres; Mrs. Mary Schaefer of Osage City, Flora; Mrs. John Yort of Shawnee county, assistant steward; C. C. Romig of Andependence, member of the executive committee.

Many important discussions were given during the week the Grange was in session.

Strict enforcement of the Volstead act and continuation of present restrictive immigration law were urged in the opening address of B. Needham, of Lane, master of the state Grange. W. W. Deal, master of the Idaho State Grange and national chaplain of the organization, spoke on marketing conditions. Mr. Deal deplored past and present farm marketing conditions, but was optimistic concerning the future.

The Grange went on record as being opposed to Government appropriations for hard surfaced roads and also as opposed to increase of taxation and extravagances on the part of county officers. The next convention will be held at Hutchinson, Kan.

Speaker for Farm Home Week

H. B. Davidson, who has been called the "dean of agricultural engineering," will head the list of speakers on the Farm and Home week program of the rural engineering department of the Kansas State Agricultural College. Professor Davidson is head of the agricultural engineering department of

Iowa State Agricultural College. He founded the first course in agricultural engineering in the United States and has trained the heads of such departments in 11 other agricultural colleges. He has written several books on farm engineering problems and has done practical work on the development of lime spreaders and pneumatic grain elevators. The date of Farm and Home week is February 5 - 10, 1923.

Sooners to Help Kansans

The northern tier of counties in Oklahoma are organized to fight the chinch bug by burning the roadsides and fence rows, and are co-operating with the Southern Kansas counties in the campaign. The Oklahoma counties in which there is an organized burning campaign are Kay, Osage, Washington, Nowata, Craig, and Ottawa. The county agents in these counties plan to co-operate with the Kansas agents in Sumner, Labette, Montgomery, and Cherokee counties. Some of the work was started last week.

Wool Pool Gets Results

The sheep shearing circuit in Sedgwick county this year was the most extensive of any that has ever been arranged in that county, according to County Agent E. J. Macey. Three thousand sheep were sheared, two men worked most of the time and part of the time three were shearing. It is safe to estimate that at least 50 farmers were given service along this line.

Every wool firm operating within 250 miles had a representative here bidding and scouring the county for this wool. In many cases bidding too high for a poor grade. In such cases we advised selling rather than consigning such to the wool pools. Five thousand seven hundred and ninety-one pounds of wool were shipped thru the pool. Some of the returns are in and show an average price of from 30 to 35 cents which is from 10 to 15 cents above the market price.

Southwest Poultry Show

The Southwest Poultry Association will hold its annual show in Pratt, January 3, 4, 5 and 6, Roy Skelton, the secretary, announced recently. The show is being sponsored by the Pratt Chamber of Commerce. John G. Snyder, of Topeka, will be the official judge.

Herdsmen's Course Opens December 27

The second annual short course for beef cattle herdsmen will be held at the Kansas State Agricultural College during the Christmas holidays, December 27 to January 6, and will be conducted by the animal husbandry department.

Franklin County Shipping Association

The Franklin County Co-operative Shipping Association at its annual meeting, found that it had done a business in livestock shipments of around \$140,000 during the year. Included in the shipments were 55 cars of hogs, 21 cars of cattle and three cars of sheep. F. A. McCoy is manager of the organization.

The association has 175 members. Entrance fee is \$5 and there are no annual dues. The association handles shipments for persons outside the organization on payment of a small service fee.

Cowdrey's Poultry Win at Omaha

J. R. Cowdrey, Topeka, Kan., won the grand championship on pens against all breeds, at the Omaha Poultry Show held recently. The show had more than 2,000 entries, and was attended by about 50,000 persons.

What has been your experience in shipping hay, corn, wheat or other farm products this year? Did high freight rates make it impossible for you to market your crops at a fair price and a reasonable profit?

Our Special 15 Day Offer

The Topeka Daily Capital

Daily and Sunday—7 Issues a Week

\$2.50 From Now Until July 1, 1923 \$2.50

The election is over—The people have made their choice of who they want to represent them in National as well as State affairs.

The 67th Congress convened in special session November 20—Our State Legislators meet in Topeka in January.

It is predicted that this will be the most interesting National as well as State gathering of Legislators that has ever assembled. Legislation of vital importance to all will be up for discussion and enacted into laws.

You as a loyal citizen and taxpayer will want to keep posted and know just how those you have chosen to represent you are talking and voting.

There is no paper that will keep you as accurately informed as the Topeka Daily and Sunday Capital. The Official State paper of Kansas.

**Mail Your Check
Do It Now**

Use This Coupon

Offer Not Good in
City of Topeka

The Topeka Daily Capital, Topeka, Kansas

Enclosed find \$.....for which send me the Topeka Daily and Sunday Capital to July 1, 1923.

Name.....

Address.....

Fall and Winter

Money Saving Clubbing Offers

Copper's Weekly Household	Club 100 all for
Kansas Farmer and Mail and Breeze	\$1.60
Kansas Farmer and Mail & Breeze	Club 101 all for
Gentlewoman Household	\$1.10
Kansas Farmer and Mail & Breeze	Club 102 all for
Woman's World People's Popular Mo.	\$1.30
Kansas Farmer and Mail & Breeze	Club 103 all for
McCall's Good Stories	\$1.40
Kansas Farmer and Mail & Breeze	Club 104 all for
American Woman People's Home Jr.	\$1.75
Kansas Farmer and Mail & Breeze	Club 105 all for
American Woman McCall's	\$1.50
Kansas Farmer and Mail & Breeze	Club 106 all for
Pathfinder (Weekly)	\$1.25
Kansas Farmer and Mail & Breeze	Club 107 all for
Household McCall's Mother's Magazine	\$1.60
Kansas Farmer and Mail & Breeze	Club 108 all for
Pictorial Review American Woman	\$1.75
Kansas Farmer and Mail & Breeze	Club 109 all for
Today's Housewife Household	\$1.50
Kansas Farmer and Mail & Breeze	Club 110 all for
Modern Priscilla People's Popular Mo.	\$2.20
Kansas Farmer and Mail & Breeze	Club 111 all for
Christian Herald Good Stories Household	\$2.10
Kansas Farmer and Mail & Breeze	Club 112 all for
Pathfinder National Republican	\$1.75
Kansas Farmer and Mail & Breeze	Club 113 all for
American Boy	\$2.35
Kansas Farmer and Mail & Breeze	Club 114 all for
Collier's	\$2.60
Kansas Farmer and Mail & Breeze	Club 115 all for
Thrice-a-Week World	\$1.30
Kansas Farmer and Mail & Breeze	Club 116 all for
Bryan's Commoner	\$1.30
Kansas Farmer and Mail & Breeze	Club 117 all for
Am. Poultry Advocate	\$1.25
Kansas Farmer and Mail & Breeze	Club 118 all for
Youth's Companion	\$2.85
Kansas Farmer and Mail & Breeze	Club 119 all for
Woman's Home Comp.	\$1.80
Kansas Farmer and Mail & Breeze	Club 120 all for
Boys' Magazine	\$1.45
Kansas Farmer and Mail & Breeze	Club 121 all for
American Magazine	\$2.60
Kansas Farmer and Mail & Breeze	Club 122 all for
Bryan's Commoner Pictorial Review	\$2.00
Kansas Farmer and Mail & Breeze	Club 123 all for
People's Popular Mo. Boys' Magazine	\$1.60
Kansas Farmer and Mail & Breeze	Club 124 all for
Good Stories Woman's Home Comp.	\$1.95
Kansas Farmer and Mail & Breeze	Club 125 all for
Woman's World Thrice-a-Week World	\$1.55
Kansas Farmer and Mail & Breeze	Club 126 all for
American Woman American Magazine	\$2.65
Kansas Farmer and Mail & Breeze	Club 127 all for
Am. Poultry Advocate Gentlewoman	\$1.40
Kansas Farmer and Mail & Breeze	Club 128 all for
People's Popular Mo. Woman's World Boys' Magazine	\$1.90
Kansas Farmer and Mail & Breeze	Club 129 all for
McCall's Gentlewoman People's Popular Mo. Woman's World	\$1.85
Kansas Farmer and Mail & Breeze	Club 130 all for
Household American Thresherman Copper's Farmer	\$1.35

Offers Good for 15 Days Only

NOTE—If you should happen not to find your favorite magazines in these clubs, make up a special club of your own and write us for our special price. We can save you money on any combination of Kansas Farmer and Mail & Breeze and any two or more other magazines you want.

Kansas Farmer and Mail & Breeze, Topeka, Kansas

Enclosed find \$..... for which please send me all the periodicals named in Club No..... for a term of one year each.

Name.....

Address.....

Your Money—How to invest It

Stocks of Oil Companies Promise Much But They Usually Pay Mighty Little

THAT 95 per cent of all oil stock advertising is "flamboyant, misleading and deceptive" is the charge made by the National Vigilance committee of the Associated Advertising Clubs of the World in announcing the beginning of a Nation-wide campaign against sellers of stock of fraudulent oil companies.

The committee stated that much evidence against bogus oil promoters had been obtained and that it will be placed in the hands of Government prosecutors.

A national campaign against fraudulent stock promotions to protect small investors also has been announced by the Chamber of Commerce of New York state. Trade associations throughout the United States will be asked to co-operate in this work, with the idea of protecting the public against fake stock selling crooks.

Protect Small Investors

The necessity for such campaigns to protect the man with small sums to invest, who is the fellow slick stock salesman seek, points out the great value of an investment service such as is being conducted by Kansas Farmer and Mail and Breeze, thru which any person approached by a stock salesman, can, without expense, obtain accurate information about any company or security.

Perhaps oil stocks are most dangerous to the average individual. In the first place oil, if it produces at all, gets quick and large results. But the average company seeking to promote a so-called oil company, does not expect to make its money out of an oil strike but out of the persons who buy the stock.

The promoters know the reputation that oil has obtained of producing quick and easy profits and they take advantage of the average individual's

lack of information regarding oil to sell him a worthless stock or at least one that has very little chance of ever paying a dividend.

Stocks of oil companies, even those known to be producers, should be left strictly alone. Every one is speculative, at the best; most are pure gambles with all the percentage against the man who buys the stock. Securities of oil companies cannot be classed as investments.

No man should buy stock in an oil company unless he is willing to lose every dollar he puts in and can afford to do so, because the chances are that is what will occur.

Many Fakes and Swindlers

It is a rather difficult job for an individual with a few hundred or a few thousand dollars to invest, to pick a good oil company when most concerns in that business are more or less wild-cat propositions and a large proportion are out and out fakes. It cannot be done with any certainty so the best thing to do is to shy at the oil stock salesman and invite him to keep going.

Just remember, when he comes along, that the oil stock salesman has no interest in you except to get your money, altho he may insist he is giving you the chance of a lifetime to become independently wealthy by investing a few dollars in his proposition.

Just keep your money in good bonds or Treasury Certificates or in mortgages on real estate. Don't expect to get rich in a day. It isn't being done. Play the investment game safely and sanely and keep that money most of you worked hard to get.

Just remember that the Associated Advertising Clubs of the World charge that 95 per cent of all oil stock advertising that you read is "flamboyant, misleading and deceptive."

Meeting of "Ups and Downs"

But Resolutions of American Farm Bureau Were Based on a Vision of Rural Needs

BY F. B. NICHOLS

LIKE the business of farming in the last few years, the fourth annual meeting of the American Farm Bureau Federation, December 11 to 14, at Chicago, had its "ups and downs." Probably the impression carried home by the average visitor depended largely on his mental make-up. Certainly there was more than a trace of bunc in many of the talks. The lack of a definite vision of the future was much evident. Ideas of a decided rancid economic status were detected frequently, especially by the resolutions committee, which made up the long-suffering hopper into which a year's collection of wisdom, alleged and otherwise, was poured.

And—God help us—there was much politics. James R. Howard was not a candidate for re-election as president, which opened the flood-gates, apparently, for political maneuvering which was characterized by Mr. Howard, in a talk to the delegates just before the election, as a "shame and a disgrace." However, after the smoke of the "battle of the committee rooms and halls" had cleared away, the election went off happy enough on the surface, with O. E. Bradfute of Xenia, Ohio, as president—he was the former vice-president—and Dr. W. H. Walker of Willows, Calif., as vice-president. There were no names placed in nomination against either man.

Champion Cause of Agriculture

But despite the politics, which seems to be a more or less important part—mostly more—of a great farmers' movement, there was much to be hopeful about. In general in the resolutions the tone of the meeting was live and aggressive in its championship for the cause of agriculture. In national commodity marketing they favored

steam and pep in putting the movement ahead. On taxation the folks called for heavier taxes on those most able to bear them, and heaved a brick at the general sales tax and another at tax-free securities. The principle of co-operative banking was indorsed, and in addition the resolutions stated that agriculture must have such access to moneys and credits as will enable it to readily finance its needs. Three forms of credit were proposed.

Important Features Advocated

1. Long time invested capital on an amortization basis.

2. Short time credits such as should be provided thru ordinary banks of deposit.

3. Intermediary credit to take care of marketing and productive needs.

A forceful appeal was made in the resolutions for lower freight rates. There was a great deal of value in many of the addresses. The feature was M. Georges Clemenceau of France, who said he was a "dirt farmer," and made an appeal for a larger interest in European affairs. Bernard Baruch of New York talked on agricultural financing, and did a good job of it, too, by the way. There was a bunch of more or less appreciated reports from the heads of the work in commodity marketing. Perhaps the most noteworthy was that of John G. Brown of Monon, Ill., president of National Live Stock Producers' Association which now has six terminal sales-agencies in operation.

Ralph Snyder of Manhattan, president of the Kansas Farm Bureau Federation, was not re-elected on the executive committee of the national organization and Kansas is not now represented there by a member in any official capacity.

EVERYONE IS ABLE

To Buy Bonds Through Our Partial Payment Plan

If you invest only \$10.00 monthly

through our Partial Payment Plan, in 10 years you can build a principal sum of \$1,600; in 20 years, \$4,600; in 30 years, \$9,900; in 40 years, \$19,600.

Write for Partial Payment Circular G 12

Start Plan Today

Stern Brothers & Company

1009-1015 Baltimore Avenue
KANSAS CITY, MO.

Kansas Municipal Bonds

are exempt from all taxes in that state.

It is to your advantage to invest in bonds issued by your own State, Counties, Cities and School Districts.

A selected list of such bonds suitable for your investment will be mailed upon application.

Partial payments if desired

PRESCOTT & SNIDER

First National Bank Building
KANSAS CITY, MISSOURI

We handle all issues of Liberty Bonds
Topeka, Kansas, Office:
New England Building

Because They Are Safe

Your bank and insurance company buys bonds because they are safe and have a quick market.

We can offer you the same kind of bonds that they buy in denominations of

\$100, \$500, \$1,000

Don't buy securities from strangers. Investigate before you invest.

Guaranty Trust Company

Of Kansas City
9 West Eleventh Street

The American Building and Loan Association

Topeka, Kansas

Pays 6% on Your Savings.

Write Us for Particulars.

FARMERS' CLASSIFIED ADVERTISING

Rate: 10 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 8 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department. Minimum charge, ten words.

TABLE OF RATES					
Words	One time	Four times	Words	One time	Four times
10.....	\$1.00	\$3.20	26.....	\$2.60	\$ 8.32
11.....	1.10	3.52	27.....	2.70	8.64
12.....	1.20	3.84	28.....	2.80	8.96
13.....	1.30	4.16	29.....	2.90	9.28
14.....	1.40	4.48	30.....	3.00	9.60
15.....	1.50	4.80	31.....	3.10	9.92
16.....	1.60	5.12	32.....	3.20	10.24
17.....	1.70	5.44	33.....	3.30	10.56
18.....	1.80	5.76	34.....	3.40	10.88
19.....	1.90	6.08	35.....	3.50	11.20
20.....	2.00	6.40	36.....	3.60	11.52
21.....	2.10	6.72	37.....	3.70	11.84
22.....	2.20	7.04	38.....	3.80	12.16
23.....	2.30	7.36	39.....	3.90	12.48
24.....	2.40	7.68	40.....	4.00	12.80
25.....	2.50	8.00			

RELIABLE ADVERTISING

We believe that every advertisement in this department is reliable and exercise the utmost care in accepting classified advertising. However, as practically everything advertised in this department has no fixed market value, and opinions as to worth vary, we cannot guarantee satisfaction. We cannot guarantee eggs to reach the buyer unbroken or to hatch, or that fowls or baby chicks will reach the destination alive. We will use our offices in attempting to adjust honest disputes between buyers and sellers, but will not attempt to settle minor disputes or bickerings in which the parties have vilified each other before appealing to us.

Special Notice All advertising copy discontinuance or change of copy intended for the Classified Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

MALE HELP WANTED

GOVERNMENT RAILWAY MAIL CLERKS. \$135-\$195 month. List positions open, free. Write immediately. Franklin Institute, Dept. M 15, Rochester, N. Y.

EDUCATIONAL

SAVE \$50 ON TUITION. DOUBLE YOUR salary. We are training hundreds. Also correspondence courses. Salina Business College, Salina, Kan.

WANT TO BUY

SEEDS WANTED—WE BUY CAR LOTS OR less. Alfalfa, clovers, cane, millet, Sudan. Send samples for bids. Ed F. Mangelsdorf & Bros., Wholesale Feed Seeds, St. Louis, Mo.

FOR SALE OR TRADE

FOR SALE OR TRADE: FURNITURE, Garages, Hardware, Merchandise and Western land. Geo. J. Diebolt, Wakeeney, Kan. TRACTORS—REPAIR STOCK AND IMPLEMENTS at Dodge City. Well established. Invoice \$8,000.00. Want improved wheat or alfalfa land 50 miles of Dodge. J. L. Harris, Dodge City, Kan.

FOR THE TABLE

PEANUTS—10 QTS. \$1.00, POSTAGE PAID. W. A. Morrison, Hagerman, Texas. 5 1/2 POUNDS FULL CREAM CHEESE \$1.65 postpaid in Kansas. Roy C. Paul, Moran, Kan.

I am getting good results from my advertisements with you and want them continued right along.—E. L.

Please discontinue our baby chick card that you have been running now for several months as we have finished up the hatching season. We have done a nice business in the baby chick line and thank you for your part in the work.—W. H.

BUSINESS OPPORTUNITIES

SELL US YOUR SPARE TIME: WE WANT a reliable man or woman in every community to work for us in their spare time. You will like our plan. Many people receive liberal checks from us each week. You can do the same. Write to the Circulation Manager, Capper Publications, Topeka, Kansas, and simply say, "Tell me how to turn my spare time into dollars."

WE WANT AT ONCE A RELIABLE MAN or woman in each town in Kansas to look after new and renewal subscriptions for the Capper Publications. Work either full time or part time. If you are now doing house to house soliciting, take our work on as a side line and increase your income materially. For full particulars write at once to Desk 200, Capper Bldg., Topeka, Kansas.

DON'T WASTE YOUR SPARE TIME—IT can be turned into money on our easy plan. We have a splendid offer for ambitious men or women who desire to add to their present income, and will give complete details on request. Simply say, "Tell me how to turn my spare time into dollars" and we will explain our plan completely. Address, Circulation Manager, Capper Publications, Topeka, Kan.

AUCTION SALES AT KANSAS CITY, MISSOURI, January 1 to 26, 1923, at which time there will be a scientific demonstration in auctioneering by World Renowned Auctioneers, each of whom are in the \$1,000 class, each having received over \$1,000 for conducting a sale. Young auctioneers from many states will be present. Perhaps you would like to make big money. If so, write M. K. Carpenter, Secretary, 313 Hall Bldg., Kansas City, Mo., for catalog. Auctioneers: Col. S. B. Clark, Falls City, Neb.; Col. A. W. Cies, Chillicothe, Mo.; Col. E. Walters, Skedee, Okla.; Col. F. M. Gross, Kansas City, and Col. W. B. Carpenter, Kansas City.

PUT YOUR BUSINESS BEFORE MORE than 1,180,000 farm families in the 16 richest agricultural states in the Union by using the Capper Farm Press. A classified advertisement in this combination of powerful papers will reach one family in every three of the great Mid-West, and will bring you mighty good results. This does not apply to real estate or livestock advertising. The rate is only 60 cents per word, which will give you one insertion in each of the five sections, Capper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Capper Farm Press, Topeka, Kansas.

MACHINERY FOR SALE

GOOD FRICK SEPARATOR, 36-60. MAKE offer. S. B. Vaughan, Newton, Kan.

WISCO SAWS—fit Fordsons. Write for literature. S. B. Vaughan, Newton, Kan.

EIGHT ROLL MAYTAG SHREDDER; 24x48 steel Rumely Separator, both nearly new. Ira Emig, Abilene, Kan.

FOR SALE—SIX-ROLL McCORMICK shredder, nearly new; 16-30 Oil Pull Tractor; 28x44 Sawyer Massey separator; 30-60 Heuber Tractor; 25 H. P. Reeves steam; 20 H. P. Baker steam; 18-35 Oil Pull and 28-44 Rumely Separator, extension feeder, and Case 4-bottom plow, last named outfit located in Washington county, Colorado. All priced to sell. Wakefield Motor Co., Wakefield, Kan.

SEEDS AND PLANTS

SWEET CLOVER C. O. D. WRITE JOHN Lewis, Virgil, Kan.

STRAWBERRY PLANTS \$3.00 PER 1,000. List free. J. Sterling, Judsonia, Ark.

KANOTA OATS, RECLEANED, SACKED, \$1.25 bushel. Arthur Peterson, Hutchinson, Kan.

KANOTA OATS, RECLEANED, \$1.25; smut-treated, \$1.35. Taylor & Sons, Chapman, Kan.

CANE SEED WANTED. WRITE QUANTITY, kind and price. Will look at 600 bushel or more in field. The L. C. Adam Merc. Co., Cedarvale, Kan.

WANTED—SWEET CLOVER DIRECT from farmers. Anywhere from a bushel to carload lots. Top prices. Cash with order. Address Box 42, Hilltop, Kan.

HUBAM, ANNUAL WHITE SWEET CLOVER. Sow in oats or wheat, cut a hay crop, pasture, plow under or cut for seed. Price \$12.00 bu. C. W. Works, Humboldt, Kan.

NURSERY STOCK

FRUIT TREES GREATLY REDUCED Prices. Direct to planters. No agents. Peaches, apples, pears, plums, cherries, grapes, berries, nuts, pecans, mulberries, ornamental trees, vines and shrubs. Free 64-page catalog. Tennessee Nursery Co., Box 131, Cleveland, Tenn.

FREE—SEND FOR FREE BOOK ON hardy trees, plants, shrubs, vines, and seeds, from the heart of the Ozarks. Ideal for reference. Lists hundreds of varieties at low prices; directions for planting; special offers, etc. Book free; write today. Arkansas Seed & Nursery Co., Dept. G2, Fayetteville, Ark.

TOBACCO

NATURAL LEAF TOBACCO—CHEWING, 5 lbs., \$1.75; 10 lbs., \$3.00; 20 lbs., \$5.25. Smoking, 5 lbs., \$1.25; 10 lbs., \$2.25; 20 lbs., \$4.00. Hickory Ridge Farms, Mayfield, Ky. TOBACCO—10 LBS. CHEWING \$3.00; smoking \$2.50; second grade smoking \$1.50. Pay for tobacco and postage when received. Farmers' Exchange, Hawesville, Ky.

KENTUCKY TOBACCO—THREE YEAR old leaf. Pay for tobacco and postage when received. Chewing 5 lbs. \$1.65; smoking 10 lbs. \$1.50. Farmers' Grange, D110, Hawesville, Ky.

HOMESPUN TOBACCO, CHEWING, 5 pounds \$1.75; 10 pounds \$3.00; 20 pounds \$5.00. Smoking, 5 pounds \$1.25; 10 pounds \$2.00; 20 pounds \$3.50. Send no money; pay when received. Co-operative Tobacco Growers, Paducah, Ky.

HONEY

PURE EXTRACTED HONEY 2 1/2 pounds 60c; 5 pounds \$1.10; 10 pounds \$2.00 pre-paid. Frank Van Haltern, Wathena, Kan.

FINEST LIGHT EXTRACTED HONEY 28 lb. can \$3.50; 60-lb. \$6.50; 120-lb. \$12.00; here. Frank H. Drexel & Sons, beekeepers, Crawford, Colo.

BUILDING SUPPLIES

WHOLESALE PRICES LUMBER AND bale ties. Hall-McKee, Emporia, Kan.

Please do not run my advertisement any longer as we have had more orders than we can fill.—E. O. L.

PATENT ATTORNEYS

PATENTS, BOOKLET AND ADVICE FREE. Watson E. Coleman, Patent Lawyer, Pacific Building, Washington, D. C.

INVENTORS WRITE FOR OUR ILLUSTRATED book and record of invention blank. Send model or sketch for our opinion of its patentable nature. Highest references, prompt service. Reasonable terms. Victor J. Evans & Co., 325 Ninth, Washington, D. C. MILLIONS SPENT—ANNUALLY FOR IDEAS! Hundreds now wanted. Patent yours and profit. Write today for free books—tell how to protect yourself, how to invent, ideas wanted, how we help you sell, etc. Patent Dept. 402, American Industries, Inc., Washington, D. C.

PATENTS, TRADE-MARKS, COPYRIGHTS. Write for full information as to procedure before submitting your idea. Prompt, skillful services at reasonable charges, by an attorney-at-law, registered to practice before the Patent Office, with fifteen years' experience. B. P. Fishburne, 381 McGill Bldg., Washington, D. C.

PATENTS—WRITE TODAY FOR FREE instruction book and Evidence of Conception blank. Send sketch or model for examination and opinion; strictly confidential. No delay in my offices; my reply special delivery. Reasonable terms. Personal attention. Clarence O'Brien, Registered Patent Lawyer, 743 Southern Building, Washington, D. C.

TYPEWRITERS

REBUILT TYPEWRITERS. ALL MAKES. Sold, rented, repaired, exchanged. Fire proof safes. Adding machines. Jos. C. Wilson & Co., Topeka, Kan.

KODAK FINISHING

TRIAL ORDER—SEND 25c AND ROLL for 6 beautiful glossitone prints or 6 reprints. Fast service. Day Night Studio, Sedalia, Mo.

Please cut out hen turkey ad as they are all sold.—J. D.

MISCELLANEOUS

ARTIFICIAL EYES, \$3. BOOKLET FREE. Denver Optic, 591 Barclay, Denver, Colo.

CONTAGIOUS ABORTION PREVENTED. R. Harold, 1006 Houston Street, Manhattan, Kan.

CATALPA POSTS: CAR LOTS, SOUND, well seasoned; grades one and two. Harry Oldfather, 412 W. Second St., Wichita, Kan.

TELL THREE NEIGHBORS WE TRADE phonograph records and player rolls, giving new for old. Send their names and 12c and we will send you prepaid, eight games complete. Fuller Phonograph Exchange, Wichita, Kan.

DOGS AND PONIES

PURE BRED FOX TERRIER PUPS. Loyd Gunselman, Mayetta, Kan.

ENGLISH BULL PUPS, 3 MONTHS OLD. \$10.00 each. Joe Pray, Jr., Abilene, Kan.

TRAIL HOUND PUPS AND SHETLAND ponies. Romane Ayres, Danville, Kan.

WANTED: RUSSIAN STAG OR GREY hounds. Give description, price. Fred Burgin, Coats, Kan.

ENGLISH SHEPHERD PUPS; NATURAL workers. Clarence Harris, care of Paul Croft, Fairfield, Neb.

COLLIES: FEMALES, READY TO TRAIN. Exchange Percheron Stallion. Imported, Black. Frank Barrington, Sedan, Kan.

STRAYED

STRAYED—LARGE FEMALE RUSSIAN Wolf Hound. White with black head. Small black spot at root of tail. Reward for information leading to recovery of her. Eagle Head Kennel, Argonia, Kan.

POULTRY

ANCONAS

DARK COCKERELS, IMPORTED AND Sheppard strain direct, \$1.00 each. Satisfaction guaranteed or money back. Shem Yoder, Yoder, Kan.

BRAHMAS

LIGHT BRAHMA COCKERELS, \$3. \$5 each. Eggs in season. Mrs. Harry Hayman, Formosa, Kan.

BABY CHICKS

BABY CHICKS, 500,000 February, March; \$18.00-100. Hamilton's Hatchery, Garnett, Kan.

QUALITY BABY CHICKS—PURE BREEDS from tested layers. Catalogue free. Republican Valley Hatcheries, McCook, Neb., Box C.

ROSE COMB WHITE MINORCA COCKERELS, Baby Chicks, low prices, pure bred, 10 varieties. Nead's Hatchery, Westphalia, Kansas.

200,000 BABY CHICKS TO SELL. YOU buy the best for the least money, guaranteed alive, from Colwell's Hatchery, Smith Center, Kan.

BABY CHICKS AT LOWEST PRICES IF you book your order early. All kinds, strictly purebred. Circular free. Colonial Hatcheries, Windsor, Mo.

BABY CHICKS: ROCKS, REDS, ORPINGTONS, Leghorns. Orders filled year round. Reasonable prices. Ivy Vine Hatchery, Floyd Bozarth, Manager, Maple Hill, Kan.

BABY CHICKS: SAVE \$3 TO \$10-100 BY placing order now. Pullets lay at 4 months age. Write for free catalog. D. T. Farrow Chickeries, successors Farrow-Hirsch Company, Peoria, Illinois.

My Black Langshans are the best ever and I wish to place them before the best and greatest number of farmer readers. I know of no better way to do this than to put an ad in Kansas Farmer and Mail and Breeze. Run the enclosed ad four times.—W. T.

FARMERS' CLASSIFIED AD USE THIS FORM—IT SAVES DELAY

Mail This to
Kansas Farmer and Mail & Breeze
Topeka, Kansas

Rate: 10 cents a word on single insertion; 8 cents a word each week if ordered 4 or more consecutive weeks. Minimum charge is \$1.

Count initials or abbreviations as words

Fill This, Please!

Your Count of ad.....Words

No. times to run.....

Amount enclosed \$.....

Place under heading of.....

(Your Name)

(Town)

Route

(State)

NOTE: Count your name and address as part of advertisement.

One insertion of my turkey ad brought three times as many inquiries as I had, so would like to change my turkey ad to four insertions of the enclosed advertisement.—A. E. F.

CAMPINES

PURE BRED SILVER CAMPINE COCK-
erels \$4. Satisfaction guaranteed. Charles
C. Parks, Eureka, Kan.

DUCKS AND GEESE

WHITE CHINESE GEESE, \$2.50, \$3.00.
Herb Wilson, Holton, Kan.

BUFF ORPINGTON DRAKES, \$2.50 EACH.
G. Earl Hoover, Fairmount, Ind.

TOULOUSE GEESE \$3.00; GANDERS \$4.00.
Fred J. Bernitter, St. Marys, Kan.

TOULOUSE GEESE AND GANDERS, \$4.00
each. Louis Winkler, Rozel, Kan.

WHITE CHINESE GEESE, STATE WIN-
ners, \$3.00. Jno. L. Benda, Marion, Kan.

MAMMOTH WHITE PEKIN DRAKES \$1.75,
hens \$1.50 each. Alta Culver, Lyndon,
Kansas.

WHITE PEKIN DRAKES, 9 LB. \$2.00.
Fancy Toulouse Geese, 16 lb. \$3.00. Charles
Sigle, Lucas, Kan.

GEES: TOULOUSE, AFRICAN, EMBDEN.
Ducks: Pekin, Rouen, Runner, Muscovy.
Price reasonable. John Hass, Bettendorf, Ia.

PURE BRED INDIAN RUNNER DUCKS,
Faun and White. Drakes \$2.00; hens \$1.50.
Mrs. Clarence W. Smith, Route 3, Phillips-
burg, Kan.

A FINE FLOCK: PURE BRED, LARGE-
boned M. Toulouse geese. March and April
hatch; wt. 15-18 lbs; clear markings; from
prize-winning stock; strong and vigorous;
river and alfalfa range. Excellent, geese
\$5; ganders \$6. Money back guarantee.
Jessie Northrop, River Sioux, Iowa.

Being of the opinion that your paper
is the best advertising medium in this
part of the country, I am enclosing an
ad which please run four consecutive
weeks.—J. M.

GUINEAS

WHITE GUINEAS \$1.25 each. Elias Thies-
sen, Route 2, Inman, Kan.

LANGSHANS

PURE WHITE LANGSHAN COCKERELS
\$1.50. Hugo Fleischhaus, Linwood, Kan.

WHITE LANGSHAN COCKERELS,
graded flock. Mrs. Orville McVoy, Ster-
ling, Kan.

BIG BLACK LANGSHAN COCKERELS,
March-April hatched, laying strain, utility
and show stock. Osterfoss, Hedrick, Iowa.

LEGHORNS

S. C. BUFF LEGHORNS. MRS. S. F.
Crites, Florence, Kan.

S. C. BUFF LEGHORN COCKERELS. M.
Reehling, Elmdale, Kan.

ROSE COMB WHITE LEGHORN ROOST-
ers \$2.00. Paul Brice, Kinsley, Kan.

S. C. BROWN LEGHORN COCKERELS, 75
cents each. Albin Isaacson, Scandia, Kan.

CHOICE BARRON S. C. WHITE LEGHORN
cockerels \$1.25. W. F. Bayer, Lorraine,
Kan.

SINGLE COMB DARK BROWN LEGHORN
cockerels, \$2.00. R. H. Cunningham, For-
moso, Kan.

RUSSELL'S SINGLE COMB DARK BROWN
Leghorn cockerels \$1.00. Mrs. Rowe, Glen
Elder, Kan.

PURE BRED SINGLE COMB WHITE LEG-
horn cockerels \$1.00. Chas. McFadden,
Morland, Kan.

BARRON STRAIN SINGLE COMB WHITE
Leghorn cockerels \$2.00. Parker George,
Kinsley, Kan.

BARRON S. C. WHITE LEGHORN COCK-
erels. 280 egg strain, \$1.25. F. J. Biber-
stein, Attica, Kan.

WHITE LEGHORN COCKERELS, CHICKS
12c up. Sunrise Farm Hatchery, Lorraine,
Kan. Box 42.

CHOICE SINGLE COMB WHITE LEG-
horn cockerels \$1.00. Alta Edwards,
Cedarvale, Kan.

CHOICE SINGLE COMB BUFF LEGHORN
cockerels, \$1 and \$1.50 each. John Bettles,
Herington, Kan.

WORLD'S BEST WHITE LEGHORN
Chicks, 10 to 20 cents. Clara Colwell,
Smith Center, Kan.

R. C. WHITE LEGHORN COCKERELS
\$1.50. White Rock cocks, cockerels. John
Oxley, Norcat, Kan.

ROSE COMB BROWN LEGHORN COCK-
erels; large, vigorous, \$1.00. Elizabeth
Evans, Wilsey, Kan.

SINGLE COMB DARK BROWN LEGHORN
cockerels \$1.00 each; 6 for \$5.00. Gust
Allen, Maple Hill, Kan.

POULTRY
EDITION

Our annual poultry number
this season will be the last
week in January. Be sure
that your advertising is or-
dered to include this special
number, for it is almost a
directory of Kansas poultry
breeders. Copy for the Pou-
ltry Edition must be in our
office January 20.

January 27

LEGHORNS

SINGLE COMB LIGHT BROWN LEGHORN
cockerels \$1.50. (Highland strain.) Clar-
ence Moore, Scott City, Kan.

PURE SINGLE COMB WHITE LEGHORN
pullets and year old hens \$3.00 per dozen.
Ross, Southard, Stockton, Kan.

PURE BRED SINGLE COMB WHITE LEG-
horn cockerels \$1.00 each. Barron strain.
Agnes Wilson, Grantville, Kan.

SINGLE COMB WHITE LEGHORN HENS.
Some granddaughters of 317 egg hen. A.
P. Loomis, Diamond Springs, Kan.

SINGLE COMB WHITE LEGHORN COCK-
erels, 265-300 egg Ferris sires. Large, vig-
orous birds, \$2.00. Alan Fitzsimmons, Pratt,
Kan.

FOR SALE: PURE TANCRED SINGLE
Comb White Leghorn cockerels, hatched
from ancestry record 211 to 262. Bernitter,
Cheney, Kan.

CHOICE S. C. BUFF LEGHORN COCK-
erels, from pedigree, certified flock, each
\$1.25; \$13.00 dozen. Mrs. H. T. Middleton,
Bucklin, Kan.

KOCH'S SINGLE COMB WHITE LEG-
horns, 300 egg strain; breeding birds
scored 92 points. Cockerels \$4.00. E. G.
Koch, Alden, Kan.

ROSE COMB BROWN LEGHORN COCK-
erels \$2.00. Few Blue Ribbon birds \$5.00.
Kelp strain. Satisfaction guaranteed. Tim
Hughes, Ashland, Kan.

IMPORTED ENGLISH BARRON S. C.
White Leghorns. Trapped, bred to re-
cord 303 eggs. Cockerels, eggs, chix, guar-
anteed. Geo. Patterson, Richland, Kan.

FOR SALE: TWO HUNDRED LARGE
vigorous White Leghorn cockerels from
heavy laying strain, \$3.00 to \$5.00 each.
Farm Colony, U. S. D. B., Fort Leaven-
worth, Kan.

PURE BRED SINGLE COMB WHITE LEG-
horns; hens—culled for egg production.
\$1.50; pullets, \$1.00. Yesterday and Hillview
strains, cocks \$2.00, Elmer Harris, Medicine
Lodge, Kan.

SINGLE COMB BUFF LEGHORN PUL-
lets, cockerels, hens, cocks \$1.00 each;
\$11.00 dozen. Choice color. Barred Rock
cockerels \$1.75 each. Mrs. Albert Phillips,
Haviland, Kan.

TRAPNESTED PEDIGREED BREEDING
cockerels—Single Combed White Leghorns
from the best egg-producing pens of the
Martin Egg Farm. Records from 220 to
303 eggs on both sides. Write for prices
and guarantee. Producers of the first Kan-
sas hen to lay 303 eggs. Martin Egg Farm,
Box 243, Hiawatha, Kan.

SPECIAL SALE BUFF LEGHORN COCK-
erels. Cheapest in America, quality con-
sidered. Don't compare my cockerels with
others. They're not in the same class.
They're real Leghorns. Highest exhibition
egg bred quality. They'll put color, type,
and egg breeding in your flock. \$3.00, \$5.00,
\$7.50 up. Also pullets. Herb Wilson, Hol-
ton, Kan.

ORPINGTONS

GOOD BUFF ORPINGTON COCKERELS,
\$2.00 each. L. T. Schulz, Ellsworth, Kan.

PURE BRED SINGLE COMB BUFF OR-
pington cockerels \$2.50 each. Mrs. George
McAdam, Holton, Kan.

LARGE BUFF ORPINGTON COCKERELS
from especially selected stock. \$2.50 and
\$3.00 each. Mrs. Vera H. Haynes, Grantville,
Kan.

A FEW LARGE PURE BRED DARK BUFF
Orpington cockerels \$2 and \$3 each. Nel-
son Hartman, R. R. 3, Atchison, Kan.

SINGLE COMB BUFF ORPINGTONS, 200
cockerels, 200 pullets, Champion strain,
\$2.50 and up. H. C. Davis, Denison, Kan.

PROFESSIONALLY CULLED S. C. BUFF
Orpington cockerels, \$3 to \$7 each. Phone
Upland. Mrs. A. Gfeller, Route 3, Chapman,
Kan.

PURE WHITE ORPINGTONS; FLOCK
state certified. Choice cockerels \$2.00,
\$3.50, \$5.00. Mrs. Harry White, Council
Grove, Kan.

OWEN'S STRAIN BUFF ORPINGTONS.
all sties direct—large, good color, heavy
layers, pullets and yearling hens \$2.50; also
cockerels. Mrs. Harry Steele, Wamego, Kan.

I am enclosing an ad for the poultry
columns of your paper. Run it four
times. Had good luck in past seasons
with your ads.—F. R. B.

PLYMOUTH ROCKS

WHITE ROCK COCKERELS. F. L. HUNT,
Anthony, Kan.

WHITE ROCK COCKERELS \$1.50. Mrs.
I. E. Smith, Wilsey, Kan.

APRIL BUFF ROCK COCKERELS, \$2.25.
John Hitz, Kingsdown, Kan.

BUFF ROCK COCKERELS, THREE \$5.00.
Mrs. Taylor Haas, Lamont, Kan.

PURE WHITE ROCK COCKERELS \$2.00.
Mrs. Henry Strobel, Healy, Kan.

FINE BUFF ROCK COCKERELS \$1.50.
Katie Tankhauser, Madison, Kan.

WHITE ROCK COCKERELS \$2.00 AND
\$3.00. Chris Fark, Raymond, Kan.

PURE BARRED ROCK COCKERELS, \$1.50
and \$2.00. Mary Mack, Columbus, Kan.

PURE BRED WHITE ROCK COCKERELS
\$1.50. Mrs. B. O. Sager, Brewster, Kan.

BARRED ROCK COCKERELS, LARGE
and choice. Mabel Weller, Holton, Kan.

FISHEL WHITE ROCK COCKERELS \$2.00,
pullets \$1.00. Clark Earnest, Luray, Kan.

BARRED AND WHITE ROCK COCK-
erels, hens, pullets. Hicks, Cambridge, Kan.

BARRED ROCK COCKERELS \$2.50. MRS.
Clarence W. Smith, Route 3, Phillipsburg,
Kan.

BUFF ROCK COCKERELS, BAKER
strain, \$2.00 each. Chauncey Wood, Solo-
mon, Kan.

BARRED ROCK COCKERELS, \$1.00, ONLY
30 left, order early. Bryan Faulkner, Jet-
more, Kan.

50 BARRED ROCK PULLETS, 9 MONTHS
old, \$1.50 each. Mrs. Homer Spence,
McPherson, Kan.

ARISTOCRAT BARRED ROCKS, HOLTER-
man stock; hens, cockerels \$2.00, \$5.00. M.
Morss, Cheney, Kan.

WHITE ROCKS, BRED TO LAY, WIN-
ners at Kansas State Show. Choice cock-
erels \$3.50, \$5.00. Satisfaction guaranteed.
Albert Heit, Parsons, Kan.

The Kansas Farmer and Mail and
Breeze reaches those who wish birds of
quality and I think is the best paper in
which to advertise birds and eggs of
quality.—R. S.

PLYMOUTH ROCKS

BUFF ROCKS FOR 14 YEARS. COCK-
erels \$2.00, \$2.25, \$2.50. J. H. Mellen-
bruch, Morrill, Kan.

BARRED ROCKS, VIGOROUS, BRED TO
lay. Hens \$2.00; cockerels \$3.00. Mrs. J.
B. Jones, Abilene, Kansas.

WHITE ROCK COCKERELS; DRUM'S WIN-
terlay 200 egg strain, \$2.00 each. Mrs.
Frank Sutter, Effingham, Kan.

BARRED PLYMOUTH ROCK COCKERELS.
Standard bred from winter layers, \$2.50 up.
C. C. Lindamood, Walton, Kan.

RINGLET BARRED ROCK COCKERELS,
\$3 to \$10 each, of prize winning stock.
Mrs. Maesler, Junction City, Kan.

PURE BRED BARRED ROCK COCKERELS,
Parks 200 egg strain, \$3-\$5. Catalogue.
Gem Poultry Farm, Haven, Kan.

PURE THOMPSON IMPERIAL RINGLET
cockerels, mated cockerels and pullets.
Grand breeding birds. Every breeding hen
trapped, \$5 to \$10. Mrs. Robert Simmons,
Severy, Kan.

RHODE ISLANDS

LARGE DARK RED R. C. REDS. GUAR-
anteed. Highland, Hedrick, Iowa.

ROSE COMB RHODE ISLAND RED COCK-
erels. G. L. Mathews, Kinsley, Kan.

DARK RED ROSE COMB COCKERELS,
\$3.50 each. Ethel Herndon, Lucas, Kan.

SINGLE COMB (RICKSECKER) RED
cockerels \$1.00 up. Mrs. Murdock, Lyn-
don, Kan.

SINGLE COMB RHODE ISLAND RED
cockerels, \$2.00 each. Mrs. Albert Swank,
Bogue, Kan.

DARK S. C. REDS, COCKERELS, PUL-
lets. Sired by \$250 bird. \$2.00 to \$5.00. Sol
Banbury, Pratt, Kan.

BIG, LONG DARK REDS; ROSE COMB;
cockerels, pullets special prices. Sun-
side, Havensville, Kan.

ROSE COMB RHODE ISLAND WHITE
cockerels, \$3.00 in single lots. William
Pifer, Washington, Kan.

DARK BRILLIANT, LONG BACK, LOW
tail, R. C. Red cockerels \$2.50-\$3.00.
Charles Sigle, Lucas, Kan.

GOOD STRAIN DARK ROSE COMB RED
cockerels \$2.00 to \$5.00. Mrs. Velma San-
ders, Route 4, Eureka, Kan.

PURE BRED LARGE DARK ROSE COMB
Red cockerels, \$2.00 and \$3.00. Mrs.
Chas. Lewis, Wakefield, Kan.

CHOICE ROSE COMB R. I. WHITE COCK-
erels, also few single combs, price \$2.00.
Helen Davis, Pendennis, Kan.

BARRED ROCK COCKERELS, (ARISTO-
crats). Good size and color, \$3.00 up.
H. M. Cole, Valley Falls, Kan.

COCKERELS: LARGE SINGLE COMB
Rhode Island Reds, dark red, \$2.50. Four
\$2.00 each. Dan Loewen, Hillsboro, Kan.

LARGE DARK RED ROSE COMB RHODE
Island Red cockerels, penned stock, \$2.50
and \$3.00. Mrs. Geo. Boofing, Dighton, Kan.

BIG VALUES FOR 30 DAYS. ROSE COMB
Rhode Island Red cockerels. Fine ones,
\$2, \$3, \$4. Mrs. J. C. Banbury & Sons,
Pratt, Kan.

SINGLE COMB RHODE ISLAND RED
cockerels. Show quality. Hoganized. \$2,
\$3, \$5. On approval. J. A. Bockenstette,
Sabetha, Kan.

ROSE COMB, COCKS, COCKERELS;
large, red to skin; good egg type, \$3.00,
\$4.00, \$5.00, \$7.50. T. E. Brouillette, Mil-
tonvale, Kan.

ROSE COMB RED COCKERELS—PUL-
lets, farm raised; bred for eggs, vigor, size,
color; guaranteed; \$3.00, \$3.50. Oscar Erick-
son, Leonardville, Kan.

SINGLE COMB RED COCKERELS, RICH
red strain, free from smut, from penned
matings from prize winning stock. \$2.00
and \$3.00. J. C. Day, Allen, Kan.

HARRISON'S IMPROVED STANDARD
bred Reds. Either comb. Cockerels, eggs,
and chicks. Get Red Breeders' Bulletin.
Harrison Red Farms, College View, Neb.

TURKEYS

PURE NARRAGANSETT TOMS \$10 EACH.
Mearl Watts, Sedgwick, Kan.

MAMMOTH BRONZE TOMS \$10, HENS \$6.
Nellie Moorehead, Benton, Kan.

GIANT BRONZE TOMS \$10, HENS \$8.
John Hooper, Smith Center, Kan.

FOR BRONZE TURKEYS WHITE RED
Wing Poultry Farm, Miltonvale, Kan.

PURE LARGE BOURBON RED TOMS \$7.00,
hens \$5.00. Ray Gustin, Copeland, Kan.

GOLDBANK BRONZE TURKEYS, FARM-
ers' prices. Ralph Ely, Mullinville, Kan.

MAMMOTH WHITE HOLLAND TURKEY
toms \$10. D. B. Cooper, Greensburg, Kan.

MAMMOTH PURE BRED WHITE HOL-
land toms, \$10. C. L. Harkness, Ransom,
Kan.

PURE MAMMOTH BRONZE TOMS \$12.00,
pullets \$8.00. Lella Lawrence, Bolcourt,
Kan.

PURE BRED BOURBON TURKEYS, TOMS
\$10.00, hens \$6.00. Leo Dally, Haviland,
Kan.

PURE BRED MAMMOTH BRONZE TOMS
\$12.00; pullets \$7.00. John Kearney, Bel-
pre, Kan.

GOLD BANK BRONZE TURKEY HENS,
\$8-\$9; toms \$12-\$15. E. Gaughan, Earle-
ton, Kan.

PURE BRED BOURBON RED TURKEYS.
Toms \$8.00; hens \$5.00. Mrs. F. E. Tonn,
Haven, Kan.

MAMMOTH BRONZE, LARGE, GOLD
Bank strain, prize winners. Laura Smith,
Eaton, Kan.

PURE BRED BOURBON TURKEYS, TOMS
\$10.00, hens \$6.00. Mrs. Frank Salber,
Russell, Kan.

Discontinue my ad for cockerels. Have
sold all the roosters. It sure brought
the trade all right. Have sent chickens
almost every day since I put it in.—W. R.

TURKEYS

CHOICE MAMMOTH BRONZE MAY TOMS
\$12.00. Blanche Myers, Jetmore, Kan.

PURE BRED NARRAGANSETT TOMS,
price each \$15.00. Mrs. Lela Hill, Route 2,
Prescott, Kan.

BETTER BRONZE TURKEYS—MONEY
back guarantee. Descriptive folder. Mrs.
Burg, Lakin, Kan.

PURE BRED BOURBON RED AND
bronze; toms \$6.00, hens \$5.00. Ella
Jones, Speed, Kan.

PURE BOURBON RED TURKEYS; toms
\$10.00, hens \$6.00 each. Mrs. Ida Par-
sons, Elmdale, Kan.

PURE GIANT BRONZE TOMS \$12.00;
pullets \$8.00. Large and healthy. B. J.
Herd, Willmore, Kan.

EXTRA LARGE MAMMOTH BRONZE
Turkeys. Toms \$12; pullets \$8. Chas. C.
Parks, Eureka, Kan.

PURE BOURBON RED TURKEYS: TOMS
at \$10 and \$12. Old tom \$18.00. Emma
Lovgren, Winkler, Kan.

PURE BRED MAMMOTH BRONZE YOUNG
toms \$10.00, old \$20.00; pullets \$6.00. Emil
Osburn, Chapman, Kan.

PURE BRED BOURBON TURKEYS, TOMS
\$7.50; Hens \$5.00. Mrs. Clarence W. Smith,
Route 3, Phillipsburg, Kan.

MAMMOTH GOLDBANK BRONZE TUR-
keys. Toms \$10 and \$12.50; hens \$7. Chas.
W. Johnson, Trousdale, Kan.

PURE BRED NARRAGANSETTS; RANGE
raised. Toms, ten; hens, eight dollars.
R. E. Kelsey, Cheney Center, Colorado.

PURE BRED NARRAGANSETT TOMS.
Large boned, well marked. Price \$10.00.
Mrs. Lydia Ecton, Route 2, Lamar, Colo.

PURE BRONZE TURKEYS, STRONG,
hardy toms \$15.00; pullets \$7.00. Early
hatched. Mrs. E. E. Brubaker, Lamar, Colo.

WHITE HOLLAND TURKEYS, HENS,
\$6.00, toms \$8.00. Prize winners of three
counties. Mrs. Retha Bacon, Elmore, Kan.

PURE BRED GIANT BRONZE TURKEYS,
utility and exhibition stock. Satisfac-
tion guaranteed. Eliza Owen, Macksville,
Kan.

MAMMOTH BRONZE TURKEYS, GOLD-
bank strain, large boned, vigorous toms,
\$10.00 and \$15.00. Mrs. Irvin Cook, Sublette,
Kan.

PURE BRED BOURBON REDS FROM
State Show prize winning sires, Toms,
\$9.00; hens, \$6.00. Mrs. Jake Royer, Gove,
Kan.

PURE BRED BOURBON REDS FROM EX-
tra large boned dark color tom. Toms
\$10.00, pullets \$7.00. J. M. Kearney, Belpre,
Kansas.

PURE BRED MAMMOTH BRONZE TUR-
keys; pullets \$6.00, toms \$10.00, \$12.00.
Guaranteed breeders. Mrs. Geo. Wharton,
Agenda, Kan.

MAMMOTH BRONZE TURKEYS, FROM 40
lb. Tom and 22 lb. hens. Gold Bank
Strain. Toms \$10, pullets \$7. Mrs. Artley
Gardner, Leoti, Kan.

MAMMOTH, EXTRA FINE, PURE BRED
Bourbons; Toms \$10-\$12. Hens \$6 and
\$7. Fine laying strain. Mrs. Harry Mit-
chell, Garfield, Kan.

STRICTLY PURE BRED MAMMOTH SNOW
White Holland Turkeys, strong and vigor-
ous. Toms \$10.00; hens \$8.00. R. O. Han-
neman, Lincoln, Kan.

MAMMOTH GOLDBANK BRONZE TOMS.
From Madison Square and Chicago show
stock. Extra healthy, heavy boned. E.
Biddleman, Kinsley, Kan.

MAMMOTH BRONZE 50 LB. PRIZE WIN-
ning Tom Wichita State Poultry Show,
heading flock. Toms \$15.00; hens \$10.00.
Mrs. Ben Ely, Kinsley, Kan.

PURE BRED MAMMOTH BRONZE TUR-
keys, sires from Madison Square Garden
prize winning stock. Toms \$10.00; hens
\$7.00. Geo. A. Meyer, Park, Kan.

MAMMOTH BRONZE; PURE BRED GOLD-
bank strain; well marked, big boned and
vigorous. Toms \$15.00; hens \$10. Satisfac-
tion guaranteed. F. J. Buck, Tescott, Kan.

PURE BRED M. B. TURKEYS: HENS 20-26
pounds, 18 months old tom from prize
winning stock, 38 pounds. Young toms, 20c
pound, \$10

Jayhawker's Farm Notes

By Harley Hatch

The First Touch of Winter Altho it Came Late Finds Many Farmers Unprepared for It

QUR first touch of real winter came down from the north this week. It found the farmers as much prepared for winter as they ever are; no matter how long or how fair a fall we may have, the coming of winter always finds us with one or two jobs which we should have done earlier in the season. On this farm, we would have had one or more of them done, had it not been for some kafir threshing we have been doing for the neighbors. Not much more than half a summer day's work can be done now; by the time the chores are done and the machine started, it is close to 9 a. m., and at night, work must stop in time to do the chores again, making only about seven hours or less of actual threshing. In the summer an afternoon often runs that long.

Gasoline Best Tractor Fuel

The local price of kerosene, delivered at the farm, is 11.4 cents a gallon this week, while gasoline costs 18.5 cents. Most of the larger makes of tractors and many of the small ones now run on kerosene, resulting in a largely increased demand for it and pulling the price of kerosene and gasoline closer together. We have never used kerosene in our small tractor altho many do use it in this make. Our experience has been that when one

counts the effect of kerosene on the tractor and the trouble that it makes in fouling the machine, gasoline is the cheapest in the end. I find that many of the small tractor owners who used kerosene for some time have switched to gasoline and they all say that gasoline causes much less trouble, and that the tractor runs much cooler and they are convinced that it will have a much longer life if they use no more kerosene. With the larger tractors, kerosene seems to give much better results.

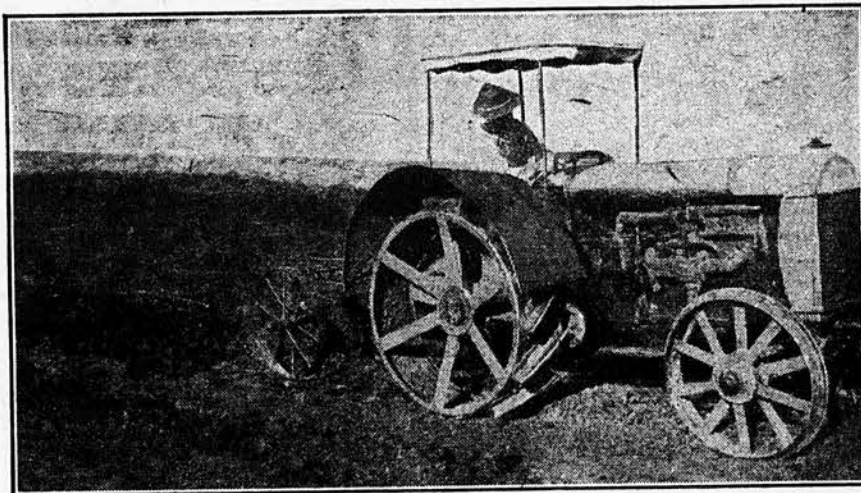
Poor Prospect for Lower Taxes

We paid the first half of our 1922 taxes this week and found them to be a fraction over 20 per cent less than last year. We were not surprised at

this as we knew a reduction was due. The first start toward lower taxes was made here last spring when the school levy was lowered at the annual meeting by about 15 per cent. Then at the meeting of our township board, the levy made for next year was put at \$5,000 instead of the \$7,000 which had been raised during the last three years.

The state taxes had also been cut by 20 per cent and a slight reduction had also been made in the county taxes. Here are the four sources which make up the sum of our taxes and the two greatest, school and township, were entirely under local control. This locality is not paying a cent of bond interest, there being no county, township or school district bonds outstanding. At present there are no state bonds but before long 25 million dollars will be issued to pay the soldier bonus indebtedness and with this to pay we do not see how the new governor and legislature will be able to reduce the state taxes, try as hard as they may.

One single teaspoon of soil may contain more living inhabitants than the whole United States.



Harley Hatch is Shown Here Operating the Small Tractor He Uses for Most of His Farm Work; He Finds Gasoline is the Best Fuel

Crops are Worth 7½ Billions

Value of Nation's Farm Products This Year is Much Larger Than for 1921

BY JOHN W. WILKINSON

THE Nation's crops this year according to a recent report of the United States Department of Agriculture are worth \$7,572,890,000 or \$1,842,978,000 more than last year's crops thus reflecting improvement in prices for farm products prevailing now as compared with a year ago.

Corn as usual, is the country's most valuable crop, being worth this year 700 million dollars more than last year, with a total value of \$1,900,287,000. Cotton stands second with \$1,368,517,000, the lint being valued at \$1,190,761,000, and the cottonseed \$177,756,000. Hay is the third most valuable crop with a total of \$1,331,679,000. No other crop reached a billion dollars in value this year. The Nation's wheat was valued at \$864,139,000, standing as fourth most valuable crop of the country.

Corn Shows Big Decrease

There was a reduction in the corn crop of about 6 million bushels. Increases were shown for other crops, including: winter wheat, 45 million bushels; spring wheat, 1,700,000; oats, 14,278,000 bushels; rye, 15,874,000 bushels; buckwheat, 1,407,000 bushels; rice, 2,806,000 bushels; potatoes, 17,280,000 bushels, and hay, 4,055,000 tons.

The outlook in Kansas for farming is improving, but farmers are still complaining about high freight rates, shortage of cars and on many farm products unsatisfactory prices as a result of this lack of transportation facilities. Farm work of all kinds is well advanced and a large amount of fall plowing was finished before the cold weather came.

The potato men have about 20 per cent of their ground plowed but the cold weather last week held up their work. The open winter that prevailed until then has been fine for growing stock, and milk cattle, making it much

easier to keep them in good condition. The Sugar beet factory at Garden City manufactured this season approximately 6 million pounds of sugar. On a rough estimate this would last the people of Kansas a little more than two weeks.

County Farm Conditions

Local conditions of crops, livestock, farm work and rural markets are shown in the following special reports of the regular correspondents of the Kansas Farmer and Mail and Breeze:

Barton—Wood cutting, doing odd jobs and chores is now the routine work of the farmers. The weather has been real wintry, but it is dry. Wheat pasture is available and livestock is doing well. Rural market report: Wheat, 98c; corn, 65c; shorts, \$1.40; cream, 51c; eggs, 40c.—A. E. Greenwald.

Brown—The first zero weather made its appearance on December 8. Hessian fly has been reported in the south and east portions of the county. Very little fall plowing has been done this fall. Rural market report: Wheat, \$1; corn, 60c; cream, 67c; eggs, 40c; hogs, \$7.50.—A. C. Dannenberg.

Cherokee—Wheat fields are looking fine and much plowing is being done. Miners are beginning to work here and coal sells for \$4.50 a ton at the mines. We have been having fine weather but it was broken by a cold spell which started on the 8th. Hog and cattle prices are still unsatisfactory and there is almost no sale for horses and mules but public sales continue to be held. Poultry prices are higher. Rural market report: Hens, 14c; turkeys, 45c; geese, 23c; eggs, 40c; butter, 40c.—L. Smyres.

Cheyenne—Wheat is going into winter in fair condition altho but few fields show up green. Early sown wheat suffered from dry weather and wire worms and some of it will have to be resown. The average acreage of wheat was sown. Corn husking is nearly finished. The average yield for the county will be around 20 bushels an acre. Five cents a bushel is being paid for husking. Less than half of this year's wheat crop has been marketed. The car shortage is improving but it is far from satisfactory. But few public sales are being held. Rural market report: Wheat, 95c; corn, 60c; barley, 65c; eggs, 45c.—F. M. Hurlock.

Cloud—We have had no snow or rain for about a month and the weather has been quite cold. Some corn remains to be gathered and a few farmers are buying from their neighbors to finish their hogs. Roads are in excellent condition and much wheat is moving to market. Cattle are doing only fairly well as the wheat affords no pasture. Farm-

ers are preparing to replenish their wood piles, thus saving coal bills. Eggs and cream are scarce and high in price.—W. H. Prouty.

Dickinson—We have been having real cold weather of late as the thermometer nearly registered zero several mornings. Wheat is being pastured but owing to the small top growth does not provide much feed. Wheat looks good tho. Standing corn is about all gathered, but much corn remains to be shucked out of the shock. The car situation is getting better and \$1.07, the highest price paid for wheat, was paid last week.—F. M. Larson.

Elk—Cooler and more seasonable weather now prevails. Stock is wintering in fine condition and the open winter has been a great conservator of feed. Some ground has been plowed this fall. Farm conditions look a shade better than at this time last year. Very few land sales have been reported and inquiries for farms to rent are numerous.—D. W. Lockhart.

Ford—Weather is cold and cloudy. Some wheat is in an unsatisfactory condition from the lack of moisture and the crust that has formed over the ground. Farmers have their work pretty well caught up. A few are butchering. Hunters and trappers are busy. Rural market report: Wheat, \$1; corn, 60c; kafir, 90c; butter, 47c; eggs, 42c.—John Zurbuchen.

Gray—We still are having fine weather but we have had no rain since November 4, and the ground is getting very dry and the wheat is making a slow growth but livestock is doing well.—A. E. Alexander.

Greenwood—Last week we had a touch of real winter weather as the thermometer registered four degrees above zero on the 12th. All kinds of livestock now are in good condition but rough feed likely will be scarce by spring. Hay prices are advancing because of the demand of the teamsters in the oil fields. Alfalfa hay sells for \$7.50 in the stack and prairie hay for \$6.—A. H. Brothers.

Greenwood—The weather is quite cold. Wheat is not doing as well as it should considering the moisture that is in the ground. About all the kafir has been headed and threshed but the crop was light. Rural market report: Corn, 71 to 75c; kafir, 75c; wheat, \$1.—John H. Fox.

Harvey—The weather has been foggy but on December 8 it turned cold and the mercury dropped to 12 degrees above zero. Livestock still is doing nicely but sells for unsatisfactory prices at public sales. Rural market report: Wheat, 97c; corn, 75c; butter, 40c; eggs, 42c; hens, 10 to 15c.—H. W. Prouty.

Lane—Wheat is just coming thru the ground. We have recently had some cold and disagreeable weather. Livestock is doing well on the buffalo grass which is the best for several years. We need wheat and cattle cars as elevators are filled to capacity. Rural market report: Wheat, \$1.02; corn, 82c; barley, 50c; maize, 80c; turkeys, 32c; hens, 12c; eggs, 42c; hay and fodder is scarce.—S. F. Dickinson.

Republic—The weather is very cold and the ground is covered with ice. All the corn crop has been gathered. Rural market report: Corn, 60c; wheat, \$1; hogs, \$7.50; butterfat, 47c; eggs, 42c.—C. M. Kelly.

Riley—Some farmers are thru husking corn while others have many acres to shuck yet. The corn yield has been good for a dry season and it is of fair quality. Wheat fields have been making a splendid growth the last few weeks. Cattle feeders will need corn to finish their stock. Hens are laying but few eggs. Rural market report: Corn, 61c; wheat, 58 lbs., \$1; eggs, 43c.—P. O. Hawkins.

Rooks—Last week we had very cold weather. Farmers are using their own organization, The Farmers' Union, more than ever. They are beginning to realize that by joining the Union they are able to save from 25 to 50 per cent on their everyday necessities. Rural market report: Wheat, 95c; corn, when farmers buy it, 80c; eggs, 40c; butterfat, 48c.—C. O. Thomas.

Scott—The weather is dry and cool and the roads are splendid. Wheat is making a slow growth because of the lack of moisture. Corn husking is in progress. The open weather has been responsible for the saving of much feed. Many hogs are being marketed at \$1.50 less than the top Kansas City prices. Some cane seed has been sold at \$5 a cwt. Rural market report: Corn, 90c; wheat, \$1; barley, 45c; oats, 40c; potatoes, 90c to \$1; apples, \$1 to \$1.45.—J. M. Helfrick.

Stevens—A few farmers still are sowing wheat. We have had so little moisture that wheat sown now will do about as well as that which was sown earlier. Fall threshing soon will be finished. At all elevators there are piles of wheat on the ground, waiting for cars. Several public sales, at which everything but horses and machinery brought fair prices, have recently been held.—Monroe Traver.

Wabunsee—Farmers are hauling feed and preparing for winter which is now in evidence. Wolf drives are being held again. Cattle are doing fine. Corn is about all cribbed. Roads are in excellent condition. Rural market prices are getting better. Rural market report: Alfalfa, \$8; wheat, 98c; corn, 55c; oats, 58c; eggs, 40c; hens, 18c; butter, 35c; shorts, \$1.50; bran, \$1.25; cotton cake, \$5 a ton.—G. W. Hartner.

Washington—Cold wintry weather last week with a little rain that turned into ice was quite a change. We have as yet had no snow. Farm sales continue and satisfactory prices are received for stock. Farmers are kept busy doing chores and cutting wood. Rural market report: Wheat, \$1.05; corn, 65c; butterfat, 49c; eggs, 45c; hens, 14c; springs, 13c.—Ralph B. Cole.

Wilson—November was a warm and pleasant month which made late pastures available. It also gave the wheat and fall sown alfalfa an excellent start. Fewer cattle than usual are being kept and fed. The corn crop was very unsatisfactory and hogs are being fattened on wheat.—S. Canty.

Woodson—It has been quite cold for a few days and the creeks have been frozen over. Wheat has plenty of moisture and is going into winter in fine shape. Most of the kafir crop has been topped and threshed and the surplus is selling for \$1.40 cwt. Sorghum seed is scarce this year. Baled hay is going to market at \$8 a ton and corn is worth 65c.—E. F. Opperman.

Colorado Crop Report

Washington—No moisture has fallen so far this month but the wheat that was up before cold weather is looking fine. Corn husking has been finished and some corn has been shelled. Cars for shipping grain have been more plentiful of late and considerable wheat has been marketed this week. Rural market report: Wheat, 90c; corn, 55c; rye, 55c; barley, 48c; hogs, \$7 for tops.—Roy Marple.

Please take my ad out of your paper as I am sold out and the orders are coming thick and fast.—L. S.

SEVERAL VARIETIES

BUFF ROCKS; COCHIN BANTAMS, THIS year's winners. E. H. Inman, Americus, Kan.

1949 COCKERELS, 49 VARIETIES. HATCHING eggs. Free Book. Aye Bros., Blair, Neb., Box 5.

SINGLE COMB RHODE ISLAND RED cockerels, \$3-\$5. Black Jersey Giant cockerels, \$5. Mrs. Roger Sullivan, Effingham, Kan.

68 VARIETIES FINE PURE BRED CHICKENS, ducks, geese, turkeys, stock, eggs, chicks. Large catalog 5c. A. A. Ziemer, Austin, Minn.

PURE BRED POULTRY, CAREFULLY selected vigorous breeders. Wyandottes, Leghorns, Orpingtons and Rocks. C. N. Bunda, Wetmore, Kan.

GOLDBANK MAMMOTH BRONZE TOMS \$12.00; W. P. Rock Cockerels \$2.00; R. C. W. Leghorn pullets \$1.00 each. Mrs. Elva Wanker, Route 4, Hill City, Kan.

352 TOULOUSE GEESSE; 337 BARRED AND White Rocks; 276 Rose and Single Comb Reds; 242 Brown and White Leghorn cockerels. Aye Bros., Blair, Neb., Box 5.

PURE BRED COCKERELS AND PULLETS: Rocks, Reds, Wyandottes, Leghorns, Langshans, Brahmas, Orpingtons, Bantams, Ducks, shipped on approval. We pay return express. Shenandoah Poultry Farms, Shenandoah, Iowa.

LLOYD'S OFFSPRING FIRST PRIZE Black Orpington and Black Leghorns. All the quality one desires to pay for. Closing out. Cock \$50. Pullets \$5 to \$25. Leghorns \$25 to \$50 pen. R. C. Nall, 906 North Main, Independence, Mo.

Please do not insert my advertisement any more. I received orders for 57 birds today. I am delighted with results of advertising in Mail and Breeze.—C. F. J.

POULTRY SUPPLIES

MASTER BREEDER CHICK BOXES FOR shipping live chicks. Shipped from Lincoln stock at interesting prices. Schwarz Paper Co., Lincoln, Neb.

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.

MAKE HENS LAY! YOU CAN DO IT IF you will feed Brooks Buttermilk Meat Mash and keep it before your hens at all times. Brooks Meat Mash is made of pure dried buttermilk, special meat scraps, bone meal, linseed meal, oat flour, etc., and does not contain alfalfa meal, "tonics" or "fillers" of any kind. It supplies the animal and vegetable proteins not found in grain feeds of any kind, and you must have these to make the whites of the egg. It will double egg production over grain feeds and we can prove it. Ask your dealer, if he can't supply you we will ship direct but in 100 pound sacks only, \$3.25 each on cars here or 500 pounds, \$15.00. The Brooks Co., Mfrs. Ft. Scott, Kan.

The Kansas Farmer and Mail and Breeze is certainly a hummer to get results from advertising. I am getting more orders than I can fill.—L. W.

The Farmiscope

A Soft Answer

Flattenflat had arrived home late from the office, and his wife was not the sort of woman to let a thing like that pass unnoticed.

"Why didn't you catch the 7:30 train home tonight, Herbert?" she demanded. "Well, you see, dear," replied Herbert, "I asked a porter from which platform my train started, and he said if I turned to the left I'd be right."

"Well, didn't you?"

"Unfortunately, no, my dear!" replied her husband. "A little mistake on my part. I turned to the right, and was left!"

She Embarrassed Him

It was a college dance. The young man had just been introduced to her, and after a brief and awkward silence, he ventured, "You are from the West, I understand."

"Yes, from Indiana," she replied. "Hoosier girl."

He started and flushed deeply. "Why-er-really," he stammered, "I don't know—that is, I haven't quite decided yet."

A Question of Terms

Isaac Blumstein had a toothache. A friend recommended a dentist. So Isaac went to his office. But on the door he read: First visit, \$5. Subsequent visits, \$2. This was pretty tough for Isaac. He thought a minute very hard and then he opened the door and walked in with a chirrup:

"Good morning, doctor! Here I am again."

Being Nice to Her

The Fair One—"I see here where a man married a woman for money. You wouldn't marry me for money, would you?"

The Square One—"Why, no, I wouldn't marry you for all the money in the world."

The Super-Ad. Appears

Just see how leisurely that lapel looks out upon the world, like a flower opening to the sunlight. Fragile, resilient, delicate as a coiled spring, a lapel with life in it, animated by the hands that made it!—From a New York Department-Store Advertisement.

Might Be Vitamines

Patron (crossly)—"Say, waiter, what are these black specks in my cereal?"

Waiter (after a close inspection)—"Dunno, sir, unless it's some of them vitamins everyone is talking about now."

Help, Help!

"Hear about Nutley's getting stung by a rattler last week?"

"Gosh, no! How did it happen?"

"He bought a used flivver without first testing it."

Terror Tommy

Mother—"Tommy always eats more pie when we have friends at dinner."

Visitor—"Why is that, Tommy?"

Tommy—"Cos we don't have no pie no other time."

Very Profitable

Marie—"Well, dear, did you have a good month at the beach?"

Maud—"Splendid! I was given seven engagement-rings, and only had to return three of them."

Humble Applicant

"Have you any cooks on hand?"

"Six in the anteroom."

"Ask 'em to look me over and see if there is anybody here I might suit."

To Cover One More Sin

The House of Lords contemplates making insanity a cause of divorce. Hitherto it has only been recognized as a cause of marriage.

Good Reasoning

Parent—"What is your reason for wishing to marry my daughter?"

Young Man—"I have no reason, sir; I am in love."

Precocious Lamp

Kid—"How old is that lamp, ma?"

Ma—"Oh, about three years."

Kid—"Turn it down. It's too young to smoke."

The Real Estate Market Place

There are 10 other Copper Publications that reach over two million 100,000 families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

Special Notice

All advertising copy must be received by the Real Estate Department at least 10 o'clock Saturday morning, one week in advance of publication.

KANSAS

SO. EAST KAN. FARMS \$35 acre up. Free list. A. M. Cole Land Co., Independence, Mo.

WESTERN KANSAS land, cheap. Easy terms. Write Jas. H. Little, LaCrosse, Kan.

NORTHEAST KAN. Bottom and upland farms. Melvin Ward, Holton, Jackson Co., Kansas.

5 to 40 acre tracts. Send for information. The Magnolia State Land Co., Iola, Kan.

GOOD FARM FOR SALE CHEAP and on easy terms. J. M. Mason, 2274 Russell Ave., Kansas City, Kansas.

WRITE US about your farm or any other property for sale or exchange. Kysar Realty Company, Wakeeney, Kansas.

80 ACRES, Barton county, Kansas. 320 ACRES, Seward county, Kansas. Terms. Etta Lyon, Kismet, Kansas.

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.

BUY IN northeastern Kansas where corn, wheat and all tame grasses are sure. Send for farm list. Silas D. Warner, 727½ Commercial St., Atchison, Kansas.

\$750 CASH. Bal. \$250 annually buys fine level Seward Co. quarter section at \$3250. A real snap. Griffith & Baughman, Liberal or Santanta, Ke.

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.

CHOICE 80 A. joining city limits; well improved. 1/2 A. alfalfa; 20 A. blue grass; 20 A. oak. Write for full particulars of this and other farms.

Mansfield Land Mtg. Co., Topeka, Kansas.

80 ACRES IMPROVED, \$6,800; 40 Acres, Improved, \$3,200; 160 Acres, Improved, \$16,000. All near Ottawa. Offered at bargain prices. Write for description and list. Mansfield Land Company, Ottawa, Kansas.

80 ACRES, 7 miles of Ottawa, Kansas. 3 miles of LeLoup, all tillable, real good improvements, fine location. Price \$75 per acre. \$1500 cash, remainder 5 years time. Ottawa Realty Company, Ottawa, Kansas.

750 ACRE beautiful level farm, adjoining town in Lane county, Kansas; it's one of the finest bodies of land in county; 2 story, 7 room house, 2 large barns, granaries, other outbuildings; nearly 400 acres fine wheat; abundance water; real snap, owner non-resident. \$46 per acre; attractive terms. Mansfield Land & Loan Company, 415 Bonifils Bldg., 10th & Walnut, Kansas City, Mo.

ARKANSAS

WOULD YOU BUY A HOME? With our liberal terms? Farms of all sizes for white people only. Write for our new list. Mills & Son, Booneville, Arkansas.

FREE HOMESTEAD land, healthful Ozarks. Raise corn, cotton, vegetables, fruit; deer, turkey, fishing. Particulars free. Write M. Decker, Norfolk, Arkansas.

BUY A FARM in the great fruit and farming country of northwest Arkansas where land is cheap and terms are reasonable. For free literature and list of farms write Doyel & Alsip, Mountainburg, Arkansas.

COLORADO

FOR SALE—A home and income property in a mild climate. Modern, 10 rooms, 2 apartments, large lot. \$3700. Terms. Will take car or truck in trade. C. L. Seafeld, 1417 North Weber St., Colorado Springs, Colo.

COLORADO FARM LANDS

Can be purchased today at prices which permit profitable farming. Widest range of crops available because of varying altitudes and climatic conditions. Hundreds of thousands of acres still to be developed in good farming regions can be bought cheap. Splendid opportunities for young men now living in districts where good land cannot be bought at reasonable prices. Information and advice free on request. The Colorado Year Book, giving detailed information of crops, average yields and many other matters, 75 cents in cash or money order. Address COLORADO STATE BOARD OF IMMIGRATION, State Office Bldg., Denver, Colorado.

MISSOURI

LISTEN, 40 acre imp. farm \$1200. Good terms. Other farms. McGrath, Mountain View, Mo.

WRITE FOR FREE LIST of farms in Ozarks. Douglas Co. Abstract Co., Ava, Mo.

MUST SELL AT SACRIFICE 160 A. Imp. Bottom farm worth \$75. Price \$55. Terms. Box 206, Buffalo, Mo.

WRITE E. C. PLATT, Seymour, Mo. for prices best farms in Ozarks. Low taxes, cheap lumber wood.

MISSOURI \$5 down \$5 monthly buys 40 acres truck and poultry land near town Southern Missouri. Price \$200. Send for bargain list. Box 22, Kirkwood, Mo.

POOR MAN'S CHANCE—\$5 down, \$5 monthly buys forty acres grain, fruit, poultry land, some timber, near town, price \$200. Other bargains. Box 425-O, Carthage, Missouri.

SOUTHEAST MISSOURI Wants home owning farmers. Write for special inducements to actual settlers. Dept. L, Himmelberger-Harrison Land & Inv. Co., Cape Girardeau, Mo.

RATES

For Real Estate Advertising on This Page

45c a line per issue on 4 time orders.
50c a line per issue on 1 time orders.

Pay No Advance Fee

Don't give option or tie up real estate for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

FLORIDA

FOR FLORIDA LAND, wholesale, retail or exchange, write Interstate Development Co., Scarritt Bldg., Kansas City, Mo.

TWENTY ACRES ORANGE GROVE and truck land near Tampa, Fla. Fine home market, all year crop season, ideal climate. Very reasonable price and terms. F. B. Davis, Suite 509 Monon Bldg., Chicago, Ill.

IOWA

80 ACRES Southern Iowa. 4½ miles town. 50 acres corn land. \$12,000. Consider half trade. C. C. Andrews, Owner, Chariton, Iowa.

MEXICO

FREE LAND—Now open for development. Five acres or more, that will produce \$300 worth of bananas per acre the second year after planting. Free to those having bananas planted within five years. Reliable companies will care for and market the bananas for one-third. For particulars address The Chamber of Commerce and Agriculture, Box 159, Tuxtepec, Oaxaca, Mexico.

OKLAHOMA

Farms for Sale

GOOD FARMS, well improved, located all sections Oklahoma, offered at forced sale prices and on very liberal terms. Only small cash payment necessary. Have farms of all sizes from 40 acres to 960 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. Write immediately for booklet fully describing these farms.

V. H. Stevens

307 Southwest National Bank Building, Oklahoma City, Oklahoma

TEXAS

FEED CROP, Hog, Dairy and Poultry land for actual settlers on terms that can be met. No snows, Good roads, schools and water. Farm Dept., S.A.A.P.R.R., San Antonio, Tex.

WASHINGTON

THE PUGET SOUND country of Washington has a delightful climate. 5 to 20 acres in small fruits and vegetables, combined with dairying, assures comfortable living. Easy terms. Send for free book describing opportunities. E. C. Leedy, Dept. G, Great Northern Railway, St. Paul, Minn.

MUNICIPAL LANDS for sale by the district; no agents, no commission; interested only in getting home-builders on the project. Longest growing season in the Northwest. Gardens and fruits thrive; schools, highways and railroads the best. Junction Snake and Columbia Rivers. Write for terms and folder. Address Burbank Irrigation District No. 4, Burbank, Washington.

CITY PROPERTY

HOME and 7 good lots \$3,000. Near Santa Fe Shops. Write Peterson, Owner, 427 Reno, Topeka, Kansas.

LAND—VARIOUS STATES

SELL YOUR PROPERTY QUICKLY for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Neb.

PRODUCTIVE LANDS. Crop payment or easy terms, along the Northern Pacific Ry. in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Free literature. Say what state interests you. H. W. Byerly, 81 Northern Pacific Ry., St. Paul, Minn.

REAL ESTATE WANTED

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. McNow, 329 Wilkinson Bldg., Omaha, Neb.

FARMS WANTED: Give full description and cash price. Quick sales. Leaderbrand Sales Agency, B-30, Cimarron, Kansas.

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Copper St., Chippewa Falls, Wis.

WANT PROPERTY. Quick trades everywhere. Free listing. Successful system. American Realty Agency, Room 1, 3852 Hamilton, Omaha, Nebr.

I HAVE CASH BUYERS for salable farms. Will deal with owners only. Give description and cash price. Morris M. Perkins, Columbia, Mo.

LOANS AND MORTGAGES

Farm Loans

Kansas and Missouri

Very lowest rates. Liberal option. 5-7-10 and 20 years.

Annual or semi-annual interest.

THE DAVIS WELLCOME MORTGAGE CO.

Topeka, Kansas.

Farm & Ranch Loans

Kansas and Oklahoma

Lowest Current Rate

Quick Service. Liberal Option.

Interest Annual or Semi-Annual.

THE PIONEER MORTGAGE CO.,

TOPEKA, KANSAS.

SALE OR EXCHANGE

TRADES—What have you? List free. Bersie Farm Agency, El Dorado, Kansas.

FARM BARGAINS, Eastern Kansas, for sale or exchange. Sewell Land Co., Garnett, Kan.

FOR SALE OR TRADE: ¾ Sec. well imp. modern house at a bargain. A. C. Housinger, Dodge City, Kansas.

117½ ACRES, irrigated, near Denver. Well improved. Sell or trade for good business or residence property. Write for particulars. C. B. Griffith, Route 1, Box 45, Golden, Colo.

480 ACRES ¼ mile town, Lane county, Kansas. Smooth; 400 cultivation, in wheat, good improvements, \$3,000 mortgage. Owner wants well improved clear quarter Eastern Kansas. Price \$55 acre. Mansfield Investment & Realty Co., Healy, Kansas.

WANTED, PEDIGREED CATTLE

Will trade either one of three farms 30 to 50 miles east of Denver for Pedigreed or High Grades, Herefords or Durham preferred. Western Land Company

223 Colorado Building, Denver, Colo.

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

The Greatest Group of Duroc Sows
Ever Mated to

GIANT SENSATION

Sale at Norfolk, Neb., Jan. 31
Send buying orders to R. A. McCartney
in my care. Address for catalog—
W. H. Rasmussen, Box K, Norfolk, Neb.

Blood of the Champions

VALLEY SPRINGS DUROCS
Sensations, Pathfinders, Orions, Coia.
Boars all ages. Sows and gilts for spring
farrow mated to son of Stills, Pathfinder,
Scissors, Great Orion Sensation, Path-
finder Paramount, Stills Model, etc.
Reasonable prices; immunized; pedigrees;
year's time.

E. J. BLISS, OSBORNE, KANSAS

BONNY GLEN DUROCS

40 Sept. gilts sired by a son of the Grand
Champion Rainbow Sensation and out of
Pathfinder bred dams. Crated light \$20
each, two for \$35. Farm located on state
line 9 miles south of town.

JOHNSON & DIMOND, Fairbury, Neb.

Waltemeyer's Giant Boars

This breeding has won more prizes at National Fairs
than any other last 12 years and made farmer most
money. Boars all ages. Shipped on approval. Double
immunized. Don't forget Bred Sow Sale February 2.
W. R. HUSTON, AMERICUS, KANSAS

McClaskey's Duroc Gilts and Boars

Boars, all ages, open or bred gilts and
fall pigs, immunized and registered. Popular
breeding.

C. W. McCLASKEY, Girard, Kan.

Larimore's Duroc Boars

Spring boars by Major Sensation Col.
Valley Sensation, Great Wonder Giant, In-
vincible King, etc. Priced right.

J. F. LARIMORE & SONS, Grenola, Kan.

Spring Boars \$30 to \$40

By Smooth Sensation, 1st. junior boar at
1922 Kan. National. Straight legged, rugged
fellows. Cholera immune and guaranteed.

HOMER DRAKE, STERLING, KANSAS.

Wooddell's Spring Duroc Boars

Big stretchy spring boars by Major's
Great Sensation, Scion's Wonder, Chief Sur-
prise, etc., out of Pathfinder, Sensation, etc.,
dams.

G. B. WOODDELL, Winfield, Kansas.

SENSATIONAL BOARS

Sired by the Grand Champion Sensational Pilot Dam
by Great Orion Sensation. Others by Sensational
Giant, Dams of Pathfinder, Orion Cherry King, and
Sensation breeding. Real herd boar prospects.

G. M. SHEPHERD, LYONS, KANSAS

Zink Stock Farms Durocs

Good spring boars by Great Sensation
Wonder, Proud Pathfinder, and Uneda
High Orion 2nd. out of Pathfinder and Victo-
ry Sensation 3rd. dams.

ZINK STOCK FARMS, TURON, KANSAS.

Brauer Purebred Duroc Co.

If you want good, well bred spring gilts or boars
from the most widely and favorably known Duroc
herd in Colorado, write us your wants. J. W. Brauer,
Gov. Oliver H. Shoup, Address J. W. Brauer, Route
1, Colorado Springs, Colorado.

Smith's Stock Farm

Don't forget that Smith has some fine spring
and fall boars for sale, priced to move them.

J. J. SMITH, LAWRENCE, KANSAS

Big Type Duroc Boars

Real herd boars of choice selection from
best Sensation, High Orion and Pathfinder
breeding. \$30. \$35 for quick sale. Immunized.

J. A. REED & SON, LYONS, KANSAS

E. G. Hoover's Durocs

A few spring boars. Fall weanlings by Orchard
Scissors and Great Patriot. Write for winter sale
catalog of popular bred gilts and sows and gilts bred
to Southwest's greatest boars. Orchard Scissors and
Gold Master. E. G. HOOVER, WICHITA, KANSAS.

Boars, Big Type, Boars

At \$25, \$30, a selection of real big herd
boars from best Pathfinder, Orion, and Sen-
sation breeding. Fall boars \$12. Immunized.

ERNEST A. REED, LYONS, KANSAS.

Walnut Hill Stock Farm Durocs

Yearling boars, spring boars and spring gilts
for sale. Real hogs at fair prices.

D. C. ASHER, LAWRENCE, KANSAS

Durocs \$20 to \$30

Boars ready for service. Fall pigs, either sex, not re-
lated, by Hurdler, Pathfinder and Valley Wonder
Sensation. E. C. MUNSSELL, RUSSELL, KANSAS.

100 Spring Boars and Gilts

Bred sows and gilts; 100 fall pigs.

R. C. WATSON & SONS, ALTOONA, KAN.

Boys, Here Is Your Chance

We are taking orders now for weanling pigs and giv-
ing a year to pay; also boars ready for service.

STANT'S BROS., HOPE, KANSAS

40 Bred Duroc Jersey Gilts

New breeding, improved type and best blood lines ob-
tainable. Good big growthy spring boars. Immunized.

FRANK HAYNES, GRANTVILLE, KANSAS

DUROC BOARS OF SERVICEABLE AGES

\$25 each. Good bone, colors, and well bred. 180 to
200 lbs. Bred gilts \$30. Pigs, either sex, about 50
lbs., \$10 each. Other sizes in proportion. About 15
years a breeder. Write your wants or send check.

J. E. Weller, Holton, Kansas.

OVERSTAKE'S SPRING BOARS

Late spring boars, 150-200 lbs. Immunized. Guaranteed.
Farmer prices. 2-year-old-son of Pathfinder for sale or
exchanged for gilts. Overstake Bros., Altanta, Kan.

New High Levels for Grain

Business Continues to Improve and There is An
Easier Tendency in Money Markets

BY JOHN W. SAMUELS

BUSINESS conditions still continue to improve throughout the country and renewed trade activities along all lines are expected with the opening of the New Year.

The combined statement of the 12 Federal Reserve Banks, issued in Washington recently, shows a decrease for last week of 45 million dollars in bills discounted by member banks and a reduction of 4 millions in bills bought, reflecting an easier tendency in the money market, contrary to the usual experience at this time of year. There was a decrease of 26 millions in member bank deposits and an increase of 16 million dollars in gold, resulting in raising the reserve ratio to 75.1 per cent.

About half the decrease in discounts was in the New York Federal Reserve Bank.

Deposits by member banks in the Kansas City Federal Reserve Bank increased more than 3 million dollars, discounts declined slightly, and the reserve ratio, 60.9, was the same as the previous week.

Stockmen Expect Higher Prices

Stockmen are hoping for improved conditions in marketing and shipping after the holiday season is over.

Trade in livestock at Kansas City this week developed no new factor, except as the lower temperatures and rough weather became a condition in the movement. Short fed steers were offered freely and sold 25 cents lower in the average. Stockers and feeders were slightly lower, and the cheaper classes of stockers and feeders were down 25 to 35 cents. Hog receipts were the largest of the season, and moderate declines occurred after Tuesday. Lambs sold into a new high position for the season on Wednesday, but lost some of the gain at the market's close.

Receipts this week were 54,850 cattle, 7,750 calves, 84,000 hogs and 25,000 sheep, compared with 53,300 cattle, 11,225 calves, 75,850 hogs and 21,650 sheep last week, and 41,050 cattle, 6,000 calves, 43,350 hogs and 29,550 sheep a year ago.

Cattle-Trade Shows Weakness

Trade in fat cattle developed considerable weakness due to the fact that more Eastern markets had liberal supplies and lower prices, and declines there forced lower prices at Kansas City. Short fed grades of steers predominated and they declined 25 cents. Most of them brought \$7.50 to \$8.75, and those showing longer feed, tho not entirely finished sold up to \$10.50. Some odd lots of yearlings, steers, and heifers mixed, and heavy steers that attracted special orders for the Christmas trade sold at \$10.75 to \$14 the last named price and some prime yearlings at \$13.75 were the highest of the season. The first Colorado and Western Nebraska pulp fed steers of the season brought \$7.75 to \$8.25, and Colorado mountain cattle, straight grassers, sold up to \$7.55, "canner" and cutter cows were 25 cents higher and early in the week fat cows and heifers were 25 to 50 cents higher, but lost the advance later. Veal calves remained steady.

Receipts of stockers and feeders continued in liberal supply for the season of the year, and while prices were lower, demand showed more than the usual volume for this time of the year. Because of the cold weather receipts will be light during the remainder of the month.

Good Demand for Fat Hogs

Demand for fat hogs is large, and while receipts this week were the largest in any week this year buyers were not able to make very material price reductions, or to get the general market away from the 8-cent top. Compared with the high point of the week, prices are down 25 to 35 cents, top \$8 and bulk of sales \$7.75 to \$8. Packing sows declined 25 cents, and on the close sold mostly at \$7.25 to \$7.35. Pigs are sharply lower at \$7 to \$7.25. Indications are that the market for fat hogs will not be much

under the present level at any time this winter.

Prime lambs on Wednesday sold at \$15 to \$15.20, a new high price level for the season, and fully 50 cents above last week. In the last two days the market eased off 25 to 35 cents, due in a large degree to the plainer quality of the offerings. Sheep held steady. Feeding lambs sold up to \$14.

Demand for good to choice horses and mules continued active, and prices were firm, but the plainer classes are hard to dispose of at anything like satisfactory prices.

Hides, Wool and Furs

The following prices are quoted on green salted hides at Kansas City: No. 1 hides, 11½¢ a pound; No. 2 hides, 10½¢; side brands, 8 to 8½¢; bulls, 8¢; green glue, 5 to 6¢; dry flint, 16 to 17¢; horse hides, \$3.50 to \$5; pony hides, \$1.25 to \$2.50.

The following quotations on wool are given at Kansas City:

Kansas, Oklahoma and Nebraska bright medium wool, 35¢ a pound; dark medium 30¢; light fine, 35½ to 36¢; heavy fine, 25 to 30¢; light fine Colorado staple, 30 to 35¢.

The following quotations are quoted on furs this week:

Skunk hides, \$1.50 to \$5.50, according to quality; muskrat, 75¢ to \$1; raccoons, \$4.50 to \$6.50; mink, \$2 to \$9; opossum, 40¢ to \$1; civet cats, 15 to 40¢; gray fox, 50¢ to \$1.50; red fox, 50¢ to \$25 apiece.

Dairy and Poultry Prices Rise

The cold wave caused a marked advance in dairy and poultry products of all grades in Kansas City this week. The following quotations are given in Kansas City:

Eggs—Firsts, 46 to 47¢; seconds, 28¢; selected case lots, 52¢; storage, 30 to 37¢ a dozen.

Live Poultry—Hens, 19 to 20¢ a pound; young roosters, 12¢; old roosters, 10¢; broilers, 20 to 22¢; springs, 16 to 19¢; turkey hens, 34 to 36¢; young toms, 34 to 36¢; old toms, 28 to 30¢; geese, 16 to 18¢; ducks, 16 to 18¢.

Butter—Creamery, extra in cartons, 55 to 57¢ a pound; packing butter, 28¢.

Cheese—The cheese market at Kansas City continues firm to strong and prices are the same as last week's close. Longhorns sold at 29½¢, single Daisies at 29¢; double Daisies at 28½¢; Prints at 29½¢, Twins at 28½¢ and Brick at 26½¢.

Grain Prices Stage Big Rally

Proposed legislation by Congress for the relief of farmers; decreases in grain receipts; advances in exchange rates; and the prospect of increased demand from Europe caused an advance in all wheat prices and carried other grain futures to new high levels. Such advances are unusual just before the holidays and have caused many to believe that further sharp advances may be expected in January.

Wheat futures show gains of 1½ to 3 cents for December deliveries, 3 cents for May and approximately 5 cents for July. With these gains wheat futures now show an advance of 18 to 26 cents above the low point reached about the middle of last September. Corn futures show gains of 2½ to 3 cents which makes a total advance of 19 to 27 cents above the low point of last August. Oats futures made gains of ½ to 2½ cents.

The following quotations on grain futures are reported at Kansas City: December wheat, \$1.11½; May wheat, \$1.14; July wheat, \$1.06½; December corn, 71½¢; May corn 71½¢; July corn, 71½¢; December oats, 48½¢; May oats, 43½¢.

On cash deliveries hard wheat in Kansas City is quoted unchanged to 1 cent lower; dark hard wheat 1 cent to 2 cents lower; red wheat is steady and unchanged. The following prices are quoted:

No. 1 dark hard wheat, \$1.23 to \$1.26; No. 2 dark hard, \$1.22 to \$1.26; No. 3 dark hard, \$1.21 to \$1.25; No. 4 dark hard, \$1.18 to \$1.24; No. 5 dark hard, \$1.17.

No. 1 hard wheat, \$1.17 to \$1.23; No. 2 hard, \$1.16 to \$1.23; No. 3 hard, \$1.13 to \$1.22; No. 4 hard, \$1.12 to \$1.21; No. 5 hard, \$1.13 to \$1.15.

No. 2 yellow hard wheat, \$1.15; No. 3 yellow hard, \$1.14; No. 4 yellow hard, \$1.13.

No. 1 red wheat, \$1.28 to \$1.29; No. 2 red, \$1.26 to \$1.28; No. 3 red, \$1.22 to \$1.26; No. 4 red, \$1.18 to \$1.21; No. 5 red, \$1.12 to \$1.13.

Corn is unchanged to ½ cent higher, kafir declined about 1 cent while milo and oats were unchanged. The following quotations are given in Kansas City:

No. 2 white corn, 72½¢ to 73½¢; No. 3 white, 72 to 72½¢; No. 4 white, 72; No. 2 yellow corn, 74½¢; No. 3 yellow, 73½¢; No. 4 yellow, 73¢; No. 2 mixed 72½; No. 3 mixed, 72¢; No. 4 mixed, 71½¢.

No. 2 white oats, 47 to 47½; No. 3 white, 46 to 46½¢; No. 4 white, 44 to 45¢; No. 2 mixed oats, 45 to 46¢; No. 3 mixed, 44 to 44½¢; No. 2 red oats, 54 to 60¢; No. 3 red, 50 to 58¢; No. 4 red, 47 to 54¢.

No. 2 white kafir, \$1.69; No. 3 white, \$1.78; No. 4 white, \$1.67; No. 2 milo, \$1.85; No. 3 milo, \$1.81; No. 4 milo, \$1.73.

No. 2 rye, 86 to 87¢; No. 3 barley, 65 to 66¢; No. 4 barley, 64 to 65¢.

Hay and Millfeeds Steady

Steady prices were offered for all grades of hay and millfeeds this week. The following quotations are given at Kansas City:

Selected dairy alfalfa hay, \$25 to \$25.50 a ton; choice alfalfa, \$24 to \$24.50; No. 1 alfalfa, \$22 to \$22.50; standard alfalfa, \$18 to \$21.50; No. 2 alfalfa, \$15 to \$17.50; No. 3 alfalfa, \$13.50 to \$14.50.

No. 1 prairie hay, \$12 to \$13; No. 2 prairie, \$10 to \$11.50; No. 3 prairie, \$8 to \$9.50; packing hay, \$7 to \$7.50.

No. 1 timothy hay, \$15 to \$16; standard timothy, \$13.50 to \$14.50; No. 2 timothy, \$12 to \$13; No. 3 timothy, \$9.50 to \$11.50.

Light mixed clover hay, \$14.50 to \$15.50; No. 1 light mixed, \$12.50 to \$14; No. 2 light mixed, \$9.50 to \$12.

Straw, \$9 to \$9.50 a ton.

The following quotations are given on millfeed in Kansas City:

Bran, \$1.20 to \$1.25 a cwt.; gray shorts, \$1.35 to \$1.40; brown shorts, \$1.25 to \$1.30; linseed meal, \$54.30 to \$59.30 a ton; cottonseed meal, \$51.25; tankage, \$70 to \$75; alfalfa meal, \$25 to \$28; molasses alfalfa feed, \$25 to \$26; grain, molasses horse feed, \$28; grain molasses hog feed, \$40; dairy feed, \$29 to \$33; poultry feed, \$37 to \$38.

Broomcorn and Seeds

The following prices are quoted in Kansas City on broomcorn:

Fancy whisk brush, \$440 a ton; fancy hurl, \$290 to \$425; choice Standard broomcorn, \$375 to \$400; medium Standard, \$350 to \$380; medium Oklahoma Dwarf, \$350 to \$380; common Oklahoma Dwarf, \$330 to \$350.

The following quotations are given in Kansas City on seeds:

Alfalfa, \$10 to \$16 a cwt.; clover, \$12 to \$17; cane \$3 to \$4; bluegrass, \$15 to \$16; flaxseed, \$2.42 to \$2.45 a bushel.

Colorado Champion Cow

The American Jersey Cattle Club has awarded honors in Colorado to Jay Dayada's Maybelle 482622, owned by George La Grange of Grand Junction.

She is declared the new yearling champion of Colorado. She produced 10,004 pounds of milk and 473.53 pounds of butterfat, starting test at 1 year 11 months. Her average test was 4.73 pounds.

KANSAS FARMER-MAIL AND BREEZE GETS QUICK RESULTS

Bill for advertising received. Please accept check for \$5.60 to pay for same. Will say that for quick results, advertising in the Kansas Farmer-Mail & Breeze sure fills the bill. Later we will have a few exceptionally good bred gilts to offer the trade and will send you our advertising when they are ready, which will be about February 1, 1923. Thanking you, we are—A. N. Tyler & Son, Scranton, Kan., breeders of Hampshire hogs.

Give Purebred Share Plan

Examples are Given of Some Partnership Deals That Have Proved Entirely Satisfactory

BY T. W. MORSE

SEVERAL interesting letters have been received in response to the inquiry, and prize offer published in the Kansas Farmer and Mail and Breeze of December 9 under the heading, "What's a Fair Deal in Purebreds."

Altho the inquiry came from a subscriber who contemplated handling registered cattle of a beef breed, the general question how to promote the production of better animals on more farms, is so broad that it interests nearly every one. It is gratifying, therefore, to get replies from those interested in dairy cattle as well. All such, we will try to print for the good they are bound to do. For the convenience of any who did not read the issue of December 9, here is the question, and the prize offer:

"A cattle breeder proposes to let me have 15 cows and 10 yearling heifers on a contract for three years.

"These are registered beef breed cattle so that good care and plenty of feed will be expected, and will be justified by results.

"I propose to give them such care and feed with my own farm and equipment, and desire to know what share of the increase, or proceeds from the sale thereof, I should receive at the end of each year, and what share of the original herd I should get at the end of the three years."

Prizes are as follows: 1—For letter outlining best working plan to meet the requirements of the above question, \$10. 2—For second best letter, \$5. 3—For third best letter, \$3. 4—For fourth best letter, \$2.

Contest closes December 30. Address all letters to T. W. Morse, Livestock Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

This One in Use On Herefords

Here are my ideas on "What's a Fair Deal on Purebreds":

"1. Party of first part is to provide party of second part 15 cows and 10 yearling heifers, registered Herefords, for a term of three years.

"2. (a) Party of first part also agrees to furnish one registered Hereford bull. (b) The original herd to remain the property of first part. (c) He is to pay all taxes on the same.

"3. Party of second part agrees to take good care of said stock and keep them in good growing condition, furnishing all feed and labor.

"4. Should any of the original herd die, then the same number of the increase is to be selected to replace them.

"5. (a) Calves produced are to be sold at such time as is agreeable to both parties. (b) From gross proceeds of same, when sold, are deducted the registration fees and taxes and sale expenses. The remainder of proceeds to be divided 40 per cent to party of first part and 60 per cent to party of second part.

"6. Should these two parties fail to agree, then each is to select a party and the two selected shall then select a third party, then the three selected parties are to come to a decision, this to be final to all parties concerned.

"7. (a) At the time the cattle are taken the 10 yearling heifers are to be valued at what they would bring. (b) At termination of contract if they have increased any in value, the increase is to be divided 40 per cent to party of first part and 60 per cent to party of second part."

Lawrence Ball.

Deerfield, Kan.

A Share Plan Now In Force

I am enclosing, herewith, an outline of an agreement that is now in force but does not cover just the time or number that is mentioned in your inquiry.

I am glad to see the question aired and hope that we can get ideas from the answers that will help to make more agreements in the future, for, I believe, many such agreements can and should be made.

Actual agreement for three years, made in regard to a partnership in 15 young registered Hereford cows, 13 bred for early calves; and two head for later ones.

"The party of the first part provides

the cows and agrees to pay one-half of the taxes, registration and transfer charges and necessary veterinary expense.

"The party of the second part receives the cows and agrees to care for them in a good, reasonable cattle-raising manner, to pay one-half of the taxes, registration and transfer fees and necessary veterinary expense and to provide a good, suitable bull to use in the herd.

"Should any cow become unfit to be kept with a reasonable show for profit, the party of the second part agrees to put her into as good condition as grass and common, rough feed will permit and return her to first party.

"Should any cow die, the number is to be made good to party of the first part at the close of the contract by the selection of an average heifer from the undivided heifers on hand. The division of the increase is to be made as follows:

"Bull calves older than 5½ months are divided equally on November 1, January 1 and May 1 of every year.

"All heifers are divided equally that are coming 2-year-olds on May 1, 1924, and all heifers on hand at the close of the contract after making good the loss from death as stipulated previously, provided that all calves not of weaning age shall be returned to party of the first part with the cows. In case of death of either party to the contract, or the arising of any condition which necessitates the ending of this contract before the specified time, the matter of return and division shall be left to arbitration by disinterested parties."

Carl L. Howe.

Neosho Rapids, Kan.

Guernseys Under This Plan

I am enclosing a plan for raising registered Guernsey cattle, in answer to the question, "What's a Fair Deal on Purebreds," as shown in the December 9 issue of Kansas Farmer and Mail and Breeze.

This plan will apply to the man of the small farm or increased in proportion, could be made to fit any size venture that could be handled by the party who is to handle the cattle.

This contract would cover the activities of this partnership, as follows:

"A is to furnish four registered Guernsey cows, all good individuals and sound, and also ranging from 3 to 5 years old and also being of one general strain, so that the breeding operations could be carried out with the idea of breeding up an outstanding group of individuals of the same general blood lines. In case of the death during the first year of any of the original cows, A is to replace the same with an animal of equal merit.

"B is to furnish the herd bull, which must be an outstanding individual that would tend to build up the herd in quality and of the same general blood lines as the cows. B also furnished feed and labor for the proper care of the stock.

"All heifer calves are to be kept and used in building up the herd unless a sale is agreed to by both parties. The bull calves are to be sold as soon as they reach serviceable age, or as soon thereafter as sale can be effected, and the proceeds to be divided fifty-fifty between A and B.

"B is to receive all income from the sale of milk or milk products.

"All necessary expense, such as tax, registration or transfer fees, extra feed required for preparing animals for show purposes and extra feed and necessary expense for A. R. Testing, if agreed by both parties to have A. R. testing done, shall all be divided fifty-fifty between A and B.

"At the end of five years, if A and B cannot agree on a division of the herd on a fifty-fifty basis, then a dispersal sale shall be held and after necessary expense of sale is paid, the proceeds of the sale of all animals, including the original four cows, shall be divided fifty-fifty between A and B."

Iola, Kan.

Dry, clean stalls mark one step toward healthy barns.

Public Sales of Livestock

Carlot Feeders

Jan. 23—Kansas National Livestock Exposition, Wichita, Kan.

Percheron Horses

Jan. 18—Breeders' Sale at Newton, Kan.

Jan. 27—Kansas National Livestock Exposition, Wichita, Kan.

Feb. 27—Mitchell County Percheron Breeders, Beloit, Kan.

Jacks and Jennets

Jan. 27—Kansas National Livestock Exposition, Wichita, Kan.

Mules

Jan. 27—Kansas National Livestock Exposition, Wichita, Kan.

Shorthorn Cattle

Jan. 16—Breeders' Forenoon sale at Newton, Kan.

Jan. 25—Kansas National Livestock Exposition, Wichita, Kan.

Feb. 1—E. M. Phillips & Sons, Beverly, Kan.

Feb. 2—Saline Valley Shorthorn Breeders, Lincoln, Kan.

Feb. 12—Orley R. Cassell, Republican, Neb.

Feb. 15—Short Grass Shorthorn Breeders' Association, Morland, Kan.

March 27, 28, 29—Central Shorthorn Breeders' Ass'n., Kansas City, Mo.

April 10—North Central Kansas Shorthorn Breeders, Beloit, Kan.

April 11—Northwest Kansas Shorthorn Breeders' Ass'n., Concordia, Kan.

Red Polled Cattle

Dec. 20—J. E. & R. E. Tice, Beloit, Kan.

Hereford Cattle

Jan. 12—Moussell Bros., Cambridge, Neb.

Jan. 16—Breeders' Sale at Newton, Kan.

Jan. 24—Kansas National Livestock Exposition, Wichita, Kan.

Feb. 2—Saline Valley Breeders, Lincoln, Kan.

April 23—Northern Kansas Hereford Breeders' Association, Blue Rapids, Kan.

Angus Cattle

Feb. 2—Saline Valley Breeders, Lincoln, Kan.

Holstein Cattle

Jan. 26—Kansas National Livestock Exposition, Wichita, Kan.

Feb. 12—Missouri and Kansas Breeders, Kansas City, Mo.

Mar. 1—Wm. M. England, Ponca City, Okla.

March 20—Kansas Holstein-Friesian Breeders' Ass'n. of Kansas, free fair grounds, Topeka, Kan.

Jersey Cattle

Feb. 20—Vencil Borovicka, Valley Falls, Kan.

Duroc Jersey Hogs

Jan. 16—Ora Ayers, Orleans, Neb.

Jan. 11—W. W. Otey, Belle Plaine, Kan.

Jan. 15—Geo. Briggs & Sons, Clay Center, Neb.

Jan. 16—Jas. M. Ullo, Hunter, Kan.

Jan. 17—Breeders' Forenoon sale at Newton, Kan.

Jan. 22—C. T. White & Son, Lexington, Neb.

Jan. 25—Kansas National Livestock Exposition, Wichita, Kan.

Jan. 31—P. N. Marsh, Sedgwick, Kan.

Jan. 31—W. H. Rasmussen, Norfolk, Neb.

Feb. 1—L. R. Massengill, Caldwell, Kan.

Feb. 2—W. R. Huston, Americus, Kan.

Feb. 2—Saline Valley Breeders, Lincoln, Kan.

Feb. 2—Ralston Stock Farm, Benton, Kan.

Feb. 2—A. E. Ralston, Mgr. Towanda, Kan.

Feb. 3—Jewell County Breeders, Mankato, Kan.

Feb. 3—E. G. Hoover, Wichita, Kan.

Feb. 5—L. J. Healy, Hope, Kan.

Feb. 5—G. M. Shepherd, Lyons, Kan.

Feb. 6—Ross M. Peck, Gypsum, Kan.

Feb. 6—Wm. Fulk, Langdon, Kan.

Feb. 6—L. L. Humes, Glen Elder, Kan.

Feb. 6—F. H. Preston, Burchard, Neb.

Feb. 7—Zink Stock Farm, Turon, Kan.

Feb. 7—E. E. Norman, Chapman, Kan.

Feb. 8—Woody & Crowl, Barnard, Kan.

Feb. 8—S. D. Shaw, Williamsburg, Kan.

Feb. 8—Stafford Co. Duroc Breeders' Association, Stafford, Kan.

Feb. 9—J. F. Martin, Delevan, Kan.

Feb. 9—Frank J. Schaffer, Pratt, Kan.

Feb. 9—W. H. Hilbert, Corning, Kan.

Feb. 10—S. & R. G. Cooley, Plymouth, Kan.

Feb. 10—Pratt Co. Duroc Association, Pratt, Kan.

Feb. 12—H. G. Eshelman, Sedgwick, Kan.

Feb. 12—Mitchell county breeders, Beloit, Kan.

Feb. 14—O. G. Criss, Agricola, Kan.

Feb. 14—John Loomis, Emporia, Kan.

Feb. 14—W. D. McComas, Wichita, Kan.

Feb. 15—Wooddell & Danner, Winfield, Kan.

Feb. 15—Ottie McBride, Parker, Kan.

Feb. 15—Geo. Dimig, York, Neb.

Feb. 16—Earl Babcock, Fairbury, Neb.

Feb. 16—W. T. McBride, Parker, Kan.

Feb. 16—J. F. Larimore & Sons, Grenola, Kan.

Feb. 16—Putnam & Son, Tecumseh, Neb.

Feb. 16—L. D. Spence & Sons, Tecumseh, Neb.

Feb. 17—R. C. Smith, Sedgwick, Kan.

Feb. 19—Andrew McMullen, Gibbon, Neb.

Feb. 19—G. O. Cleaver, Valley Center, Kan.

Feb. 19—M. R. Peterson, Troy, Kan., sale pavilion, Bendena, Kan.

Feb. 20—Katy Moser, Sabetha, Kan.

Feb. 20—Overstake Bros., Atlanta, Kan.

Feb. 20—A. B. Holmberg, Gibbon, Neb.

Feb. 20—(night sale) Ferris Bros., Elm-creek, Neb.

Feb. 20—C. J. Fear, Bala, Kan.

Feb. 21—H. E. Labart, Overton, Neb.

Feb. 21—D. Arthur Childers, Emporia, Kan.

Feb. 21—Stuckey Bros., Wichita, Kan.

Feb. 22—M. I. Brower, Sedgwick, Kan.

Feb. 22—R. E. Kempin, Corning, Kan.

Feb. 22—Argbie French, Lexington, Neb.

Feb. 23—Bighell Bros., Overton, Neb.

Feb. 23—R. W. Newcom, Benton, Kan.

Feb. 23—Dr. C. H. Burdett, Centralia, Kan.

Feb. 24—H. W. Flook & Son, Stanley, Kan.

Feb. 24—Glen Blickenstaff, Oberlin, Kan.

Feb. 26—Breeders' Sale, Concordia, Kan.

Feb. 27—Reno County Duroc Association Sale at Hutchinson.

Feb. 28—Lock Davidson, Wichita, Kan.

(Sale at Caldwell, Kan.)

March 3—Marcy & Critchfield, Fall River, Kan.

March 6—D. S. Sheard, Esbon, Kan.

March 6—C. T. White & Son, Lexington, Neb.

March 7—Earl J. Anstett, Osage City, Kan.

March 7—W. H. Rasmussen, Norfolk, Neb.

March 7—L. A. Poe, Hunnewell, Kan.

March 10—Johnson & Dimond, Fairbury, Neb.

March 10—E. W. Nickel, Dodge City, Kan.

March 17—John Hern, Wamego, Kan.

April 20—Heiber & Hylton, Osawatomaie, Kan.

Sale at Paola, Kan.

April 21—Homer Rule, Ottawa, Kan.

Poland China Hogs

Jan. 10—W. H. Grone & Son, Mahaska, Kan.

Jan. 17—Breeders' Sale at Newton, Kan.

Jan. 13—H. T. Hayman, Formoso, Kan.

Jan. 24—Kansas National Livestock Exposition, Wichita, Kan.

Jan. 29—Ross McMurry, Burrton, Kan.

POLAND CHINA HOGS

Loy's Big Type Polands

Large spring gilts for sale, sired by L's Yankee and Liberty Bob and bred to Wonder Clotie, Loy's Peter Pan and L's Yankee. August pigs for sale also. Immuned and guaranteed.

C. F. LOY & SONS, MILO, KANSAS

Wittum's High Class Polands

Sows by Giant Buster, Over Thero, The Chancellor, Big King, etc. Gilts and boars bred to or sired by Wittum's King Kolo, Designer's Hercules, King Checkers, Gerstade Orange. Large and thrifty. One or a carload. Priced reasonably. F. E. WITTUM, Caldwell, Kan.

DEMING RANCH POLANDS

Bred gilts, fall yearlings and spring boars by our Grand Champion Ranch Yankee and Latchnib.

H. O. Sheldon, Supt. Hog Dept., Oswego, Kan.

Schoenhofer's Immuned Polands

Serviceable aged boars, \$25; bred sows and gilts, fall pigs, priced right.

Geo. J. Schoenhofer, Walnut, Kan.

BRED SOWS AND GILTS

Bred to Sterling Buster, McMurry's Jayhawk, Dundale Prospect. ROSS McMURRY, BURRTON, KAN.

Bred Sows and Gilts

Bred to Bob Knox 2d, Kansas Checkers, The Ranger. C. R. Rowe, Rt. 1, Scranton, Kan.

Miles Austin's Polands

Yearling sows bred to Austin's Yankee Giant and M's Pride. Choice fall boars. Miles Austin, Burrton, Kan.

CHOICE POLAND CHINA BOARS

Ready for service, by Designer, one of the greatest boars of the breed, and out of King Dick Wonder dams. Farmers' pigs. Don't wait too long.

J. R. Houston, Gen., Kansas.

CLINE BROS. POLANDS

Sows and gilts by Peter Pan, King Kolo, Peter the First, and Orange Pete. Bred to Orange Pete and the Crackerjack. CLINE BROS., COFFEYVILLE, KAN.

BIG TYPE POLANDS

Large Spring Boars at \$25.00. Liberator and Col. Jack strain. Jake Wolf, Quinter, Kan.

HAMPSHIRE HOGS

Hampshire Bred Sows, Boars,

Pigs. Sell one or a carload.

Free price lists. WICKFIELD

FARMS, F. F. Silver, Prop.

Box 8, CANTILL, IOWA.

Farmer's Ranch Hampshires

Breeding stock for sale at all times. FARMER'S RANCH, LA CYGNE, KANSAS

BRED AND OPEN GILTS

Messenger bred, etc. Reasonable.

W. F. Dresscher, Emporia, Kansas.

CHOICE SPRING BOARS AND GILTS

Sired by or bred to the Grand Champion boar of Kansas. Special prices on lots of fall pigs shipped on approval. F. B. WEMPE, Frankfort, Kan.

MAY HAMPSHIRE BOARS, 150 lbs., \$22.00; bred gilts, \$25; baby pigs, 2 for \$25, either sex. Chas. Buchelo, Cedarvale, Kansas.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS

W. B. CARPENTER, AUCTIONEER

Livestock, Land & Lot Specialist

SPOTTED POLAND CHINA HOGS

25 Big Growthy Spring Boars

The tops of 50 head. Immunized and shipped on approval. Also bred gilts. Also purebred August and September pigs at \$12.50 each. Grandires Arch Back King 1419 and Leopard King 6339. Also three white Scotch Collie pups. Write to T. L. Curtis, Dunlap, Kan., Morris Co.

Weddle's Boars and Fall Pigs

Serviceable aged boars and fine fall pigs. First class breeding. Pigs are by Weddle's Spotted Aristocrat. Priced reasonably. THOS. WEDDLE, VALLEY CENTER, KAN.

\$35.00 Buys Spotted Spring Gilts

By the Emancipator, a son of the international grand champion at Chicago, and Marshall's Giant. Bred for March litters to Bluegrass Giant, son of the grand champion Missouri State Fair and Singleton's Giant. G. C. ROAN, ETHEL, MACON CO., MO.

SPRING AND FALL PIGS

Both sex, sows with pigs. Popular breeding. EARL GREENUP, Valley Center, Kansas.

Spotted Poland Male, Age 20 Months

Trade or sell. Lester Alexander, Pierceville, Kansas.

GREENLEAF'S SPOTS. Extra fancy bred gilts \$35. Weanling pigs \$15. Reg. Immune. J. O. Greenleaf, Mound City, Kansas.

SPOTTED POLAND CHINAS, registered, immune. Satisfaction guaranteed. Priced for the farmer. Hubert Sherman, Geneva, Kan.

SPOTTED POLAND SOWS AND GILTS Bred for March farrow, immunized and registered. Write Taggart Bros., Oipe, Kansas.

MEYER'S SPOTTED POLANDS. Bred sows and gilts. Spring and fall boars. Registered free. Popularly bred. Wm. Meyer, Farlington, Kansas.

CHESTER WHITE HOGS

BIG TYPE CHESTER WHITES

THE prize winner kind from the best prize winner bloodlines. Early developers, ready for market at six months old. I have started more breeders on the road to success than any man living. I want to place one hog in each community to advertise my herd. Write for agency and my plan.

G. S. BENJAMIN, R. F. D. 34, Portland, Mich.

Springdale Farm Chester Whites

20 early spring boars, just the tops of our spring crop. Also 20 gilts, their sisters, priced open or will hold and breed them. We also breed Red Polls and offer some choice young bulls.

W. E. ROSS & SON, Smith Center, Kan.

10 O.I.C. Boars, 40 Fall Pigs

HARRY HAYNES, GRANTVILLE, KANSAS

MARCH GILTS SAFE WITH PIG \$30 to \$40. Fall gilts and tried sows \$40 to \$50. No Yorkshires. Immune, registered, guaranteed. Two Grand Champion boars in service. The old reliable Henry Murr, Tonganoxie, Kansas.

CHESTER WHITE BOARS AND GILTS for sale. Best blood lines. Priced reasonable. W. H. Lynch, Neosho Rapids, Kansas.

SPRING GILTS by Neb. Giant and Albino and bred to a son of Aviator, 1st in class 1920 Iowa fair. First class. Priced to sell. E. E. Smiley, Perth, Ka.

BERKSHIRE HOGS

BERKSHIRES—Large type bred gilts, cholera immune; also a few good bred sows for sale. L. M. Knauss, Garnett, Kansas.

HORSES AND JACK STOCK

6 Percheron, Ton Breeding Stallions 7 reg. jacks (own raising). Colts and mules to show, very choice stock with size and weight, desirable ages, dark colors. GEO. SCHWAB, CLAY CENTER, NEB.

A Few Choice Jacks

For sale or trade for mules. A. W. AHLFELDT, DIGHTON, KANSAS

GREAT SHOW AND BREEDING JACKS Priced right. Hineman's Jack Farm, Dighton, Kan.

AYRSHIRE CATTLE

Campbell's Ayrshires

Cows and heifers, bred or open, bulls from calves to serviceable age, including Jean Armour and Hyde Dairy King breeding. ROBERT CAMPBELL, ATTICA, KANSAS.

JERSEY CATTLE

HILLCROFT FARMS JERSEYS

Imported and Register of Merit Jerseys. Choice bull calves for sale. Also registered Durocs. M. L. GOLLADAY, PROP., HOLDEN, MO.

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 charge to buyer.

KANSAS JERSEY CATTLE CLUB

R. A. Gilliland, Secretary, Denison, Kansas.

BULLS OUT OF REGISTER OF MERIT dams, for sale. Herd Federal accredited. Sylvia Jersey Ranch, Sylvia, Kansas

15 JERSEY HEIFERS, 6 months to 2 years old. Financial breeding. Some bred to calves soon. J. G. Condon, R. 3, Hiawatha, Kan.

YEAR OLD JERSEY BULLS, sired by a grandson of Golden Fern's Noble. Price \$35, reg. and transferred. Chas. Long, Stockton, Kan., R. 2.

Jan. 30—J. C. Costin, Wichita, Kan.
Feb. 2—Saline Valley Breeders, Lincoln, Kan.
Feb. 2—Peter J. Tisserat & Sons, York, Neb.
Feb. 6—Mr. and Mrs. W. McCurdy, Tobias, Neb.

Feb. 12—A. L. Wiswell & Son, Ocheltree, Kan.
Feb. 12—Orley R. Cassell, Republican, Neb.
Feb. 12—H. M. Donham, Stanley, Kan.

Feb. 14—C. S. Nevius & Sons, Chiles, Kan.
Feb. 15—Breeders' Sale, Concordia, Kan.
Feb. 17—C. B. Schrader, Clifton, Kan.

Feb. 19—Snyder & Caswell, Broughton, Kan.
Feb. 21—W. A. Prewett & Sons, Asherville, Kan.
Feb. 21—Sale new sale pavilion, Beloit, Kan.

Feb. 22—W. A. Davidson, Simpson, Kan.
Feb. 24—Chas. Krill, Burlingame, Kan.
Feb. 28—R. Miller & Son, Chester, Neb.

Mch. 6—Kennedy, Nicholson & Baker, Blue Mound, Kan.
March 8—J. E. Baker, Bandana, Kan.

March 9—Reno County Poland Breeders' Association, Sale at Hutchinson, Kan.
March 9—Logan Stone, Haddam, Kan.

Spotted Poland China Hogs

Jan. 18—Breeders' Forenoon Sale at Newton, Kan.
Feb. 7—Lyon Co. Spotted Poland Breeders' Association, Sale at Emporia, Kan.

Feb. 20—Henry Field, Shenandoah, Ia.
March 6—Jas. S. Fuller, Alton, Kan.
Mar. 20—Henry Field, Shenandoah, Ia.
Apr. 17—Henry Field, Shenandoah, Ia.

Chester White Hogs

Jan. 30—Henry and Alpha Wiemers, Diller, Neb.
Jan. 31—Wm. Buehler, Sterling, Neb.

Feb. 16—Morton Bros., Oberlin, Kan.
Feb. 16—Hampshire Hogs

Feb. 5—W. F. Dresher, Emporia, Kan.
Feb. 13—T. C. Hendricks, Diller, Neb. Sale at Beatrice, Neb.

Sale Reports and Other News

Early's Holstein Sale

Albert Early, Rago, Kan., and R. R. Matlock, Basil, Kan., held a Holstein sale at Rago, Kan., December 7; the former selling registered animals and the latter selling high grades. Prices for the grades were not available but they sold well. Results of the sale of registered Holsteins were as follows: Twenty-two cows and heifers averaged \$155, six heifer calves averaged \$53.25; three bull calves averaged \$59; and one bull brought \$110. The 32 head averaged \$125.50. Top was \$265, paid by Mark Abildgaard, Mulvane, Kan., for a 5-year-old daughter of Rockridge Boutte Queen Horlog. Buyers and prices paid were: R. R. Matlock, Basil, Kan., one cow, \$95; Mark Abildgaard, Mulvane, Kan., one cow, \$265; three heifer calves, \$46, \$65, \$41; C. L. Somers, Wichita, Kan., one cow, \$205; Mitchell, Kingman, Kan., two cows, \$225, \$160; E. B. Bates, Spivey, one cow, \$65; Fred Zeller, Waldron, Kan., three cows, \$195, \$190, \$200; two heifer calves, \$50, \$50; A. D. Fisher, Rago, Kan., one cow, \$100; Blackwalder Brothers, Isabel, Kan., two cows, \$150, \$130; Walter Craven, Wichita, Kan., six cows, \$175, \$140, \$157.50, \$162.50, \$142, \$125; F. W. Boone, Cheney, Kan., three cows, \$105, \$117.50, \$72.50, one heifer calf, \$67.50; John Youngmeyer, Wichita, Kan., one cow, \$202.50; W. D. Austin, Isabel, one bull calf, \$75; Zink Stock Farms, Turon, Kan., one bull calf, \$54; H. Howard, Mulvane, Kan., one bull, \$110. The cattle were in good condition and many were very well bred animals and brought very good prices.

Larimores Had Good Sale

Breeders of purebred hogs prefer to hold sale in the fall or spring. A recent trend among hog breeders having good sized herds is to hold December sales. In a measure a December sale is an off season sale and not especially advantageous to a small breeder who can hardly prepare for a spring sale. Moreover, a December sale seldom averages as high as the same quality offering would average in the spring sale. A December sale offers advantages to the breeder with a lot of females. It reduces the carry-over to the spring sale to a number that can easily be absorbed by the buyers. It reduces the feed bill and labor, and brings in some cash when taxes are due and puts ready money in the breeder's hands that helps stop interest. So the breeder can afford to take a lower average if he has this surplus ready for a December sale.

J. C. Larimore & Sons, Grenola, Kan., will hold a Duroc spring sale February 16. They sold 30 sows and gilts and 2 boars December 13. Sale average on the females was \$89.50 which would be a good average in a spring sale at which time hogs are expected to average highest. However, the Larimore offering was good and deserved good prices and that is why Larimores got the money. Top was a daughter of Major Sensation's Col., bred to Orion Commander, that went to E. G. Hoover, Wichita, Kan., at \$230. She was a real sow. Second top went to J. C. Long & Son, Ellsworth, Kan., at \$165. She was a daughter of Orion Sensation. Other sales above \$100 were: G. P. Walker, Ottawa, \$150, \$140; Doug. Cooley & Son, Newkirk, Okla., \$100; 101 Ranch, Bliss, Okla., \$100; M. I. Brower, Sedgwick, Kan., \$120. But one female sold as low as \$55. Additional buyers included: L. Rodman, Burden, Kan.; W. D. McComas, Wichita, Kan.; Mr. Robinson, Tonkawa, Okla.; R. C. Smith, Sedgwick, Kan.; Ben Woodell, Winfield, Kan.; Ira Burke, Tonkawa, Okla.; J. C. Hall, Grenola, Kan.; G. M. Shepherd, Lyons, Kan.; Tom Woodall, Howard, Kan.

Southern Kansas Holstein Sale

Several Holstein sales have been held in the Forum, Wichita, Kan. Never before has the ringside attendance been so small as it was December 14 when 12 breeders consigned to the Southern Kansas Holstein Breeders' sale. At no time were there more than 100 people at the sale. Bitter cold weather prevented many from coming to the sale and the fact that it was held in an unheated annex to the forum discouraged a number from remaining at the sale. About 65 head were sold. Record of the first 45 head which included cows, heifers, bulls, and calves, shows an average of \$130 which was surprisingly good considering handicaps. At the beginning it appeared impossible to dispose of the large consignment to the small number at the sale. This reasonably good sale under such conditions speaks well for the future of the Holstein business. H. Bock, Wichita, bought several of the best animals. He topped the sale at \$255 for a good cow consigned by Regier & Sons, Whitewater, Kan. John Potter, Peabody, Kan., paid second price, \$230 for a cow consigned by Regiers. Buyers of the first 45 head included: Joe Webber, Oatville, Kan.; C. L. Goodwin, Derby, Kan.; C. A. Burkett, Maryville, Mo.; H. D. Blood, Wichita, Kan.; Henry Eschmann, McPherson, Kan.; O. G. High, Derby, Kan.; F. I. Watson, Peck, W. S. Cummins, Wichita, Kan.; J. E. Kayer, Wichita, Kan.; G. W. Gillespie, Oatville; R. J.

Ross, Moundridge, Kan.; Bennett Story, Mulvane, Kan.; Jas. Gibson, Moline, Kan.; J. M. Youngmeyer, Wichita, Kan.; Smyser, Wichita, Kan.; C. F. Willmore, Sedgwick, Kan.; Geo. Thompson, Perth, Kan.; E. D. Hershberger, Newton, Kan. Consignors were: Geo. Bradford, Derby, Kan.; Dr. C. A. Branch, Marion, Kan.; A. C. Cline, Rose Hill, Kan.; A. Colburn, McPherson, Kan.; Geo. L. Hartwell, Jamestown, Kan.; H. E. Hostetler, Harper, Kan.; E. E. Mather, Harper, Kan.; Schuyler Nichols, Herington, Kan.; Frank Olivier, Jr., Danville, Kan.; J. E. Regier, Whitewater, Kan.; Regier & Sons, Whitewater, Kan.; H. B. Smyser, Wichita, Kan.; Victor Stuewe, Alma, Kan.

Notes From the Field

BY J. W. JOHNSON

C. R. Rowe, Seranton, Kan., is advertising in the Poland China section of the Mail and Breeze this week some bred sows and gilts bred to Bob Knox 2nd and Kansas Checkers. Write him immediately if you want gilts.—Advertisement.

T. M. Willson's Polled Shorthorns

T. M. Willson, Lebanon, Kan., breeds Polled Shorthorns and is having a good demand for cattle. His advertisement in the Polled section on the Shorthorn page changes this week. He offers good, young stock, either sex, at reasonable prices. Recently he shipped a young bull to Henry Wendelburg, Stafford, Kan., who is well pleased with his calf.—Advertisement.

L. M. Noffsinger's Shorthorns

L. M. Noffsinger, Osborne, Kan., a well-known breeder of high-class Shorthorns, offers 15 extra young bulls for sale. He has a pair of great, young Scotch bulls, and says he is going to keep one and the other is for sale and he don't care which one you take. But the 15 bulls mentioned are a very high-class lot of young bulls and are priced right. Better write him at once about them. His advertisement appears regularly in the Shorthorn section.—Advertisement.

C. F. Loy & Sons' Polands

C. F. Loy & Sons, Barnard, Kan., are starting their advertisement again in the Poland China section of the Mail and Breeze, and offer bred gilts and fall pigs. The Loy's are really good breeders of Poland Chinas and have one of the strong herds in that section. At Beloit this fall they won as follows: On L's Yankos they took first on aged boar and senior and grand champion; on Wonder Cicotte, first on junior pig; also junior championship; on junior boar and gilt pigs they took third money and on junior yearling gilts they took first. Better write them if you want bred gilts or fall pigs in pairs and trios not related.—Advertisement.

H. T. Hayman's Poland China Sale

H. T. Hayman, Formoso, Kan., will sell 40 Poland China bred sows at that place, Saturday, January 13. Of that number 20 are big, fine, yearling gilts by Rainbow Jayhawk and 20 are spring gilts by other splendid boars. The early sales are where you find the real bargains, and this sale will prove no exception because of the quality of the offering and because most everyone wants to wait for the February sales, but I don't know why they do. Anyway, this is going to be a real offering and there won't be 40 better ones sold this winter in Kansas at least, and I doubt if there will be many places. Write for the sale catalog today.—Advertisement.

Woody & Crowl's Durocs

Woody & Crowl, Barnard, Kan., have been advertising boars in the Mail and Breeze and I have received a letter from them saying they are sold out and to stop the advertisement. They are going to sell a wonderful offering of bred gilts in their February 8 bred sow sale. The sale will be advertised in the Mail and Breeze along with the other sales in the central Kansas sale circuit which is as follows: Leo J. Healy, Hope, Kan., February 5; Ross M. Peck, Gypsum, Kan., February 6; E. E. Norman, Chapman, Kan., February 7; and Woody & Crowl, Barnard, Kan., February 8. About 200 sows will be sold in these four sales. They will all be advertised soon in the Mail and Breeze.—Advertisement.

Tomson Brothers' Shorthorns

Tomson Brothers, Wakarusa, Kan., offer 20 splendid young bulls for immediate sale. Many of them are by Village Marshal and others are by his splendid breeding son, Marshal's Crown. Others are by Jealous Dale, a double grandson of Avondale. These bulls are mostly roans in color and a thrifty, thick-fleshed, breezy-looking lot of bulls. If you are looking for a head bull, you will be interested in this lot. They also offer 20 splendid young heifers, very suitable for calf clubs and they can sell you a few nice females and a herd bull not related if you want to start in the Shorthorn business right. You are always invited to visit the herd. Address, Tomson Brothers, Wakarusa, Kan., or Dover, Kan.—Advertisement.

E. J. Bliss's Durocs

In this issue of the Mail and Breeze, E. J. Bliss, Bloomington, Kan., is changing his advertisement in the Duroc Jersey column and offers sows and gilts by some of the greatest boars of the breed and all bred to splendid young boars that are sons of several of the most noted boars of the breed. Mr. Bliss conducts a private sale business exclusively and sells direct to his customers which now are scattered all over Kansas, Oklahoma and other states. But he has catered to Kansas trade and has sold to a world of satisfied customers in Kansas this season. He has sold lots of hogs on time to customers who could furnish satisfactory proof of their ability to pay and in his advertisement starting this week he is offering to do it again. Among the boars in service in the Bliss herd at present are a number of fashionably bred boars as follows: A son of Pathfinder, a son of Stiltz, a son of Scissors, a son of Great Orion Sensation, Pathfinder Paramount, Stiltz Model, and one or two other great sires. Satisfaction is guaranteed to every customer and you take no chances dealing with Mr. Bliss.—Advertisement.

BY JESSE R. JOHNSON

Mousel Herefords at Auction

Mousel Bros., whose Herefords are known in every cattle-producing state in the Union announce their annual sale to be held at Cambridge, Neb., January 12. For this occasion they have selected a great lot of choice young bulls and heifers bred and open and about 20 choice young cows all

SHORTHORN CATTLE

Tomson Shorthorns

20 attractive herd bulls of best Scotch breeding. Sired by Village Marshal, Marshal's Crown, Jealous Dale. 20 heifers suitable for calf clubs or foundation stock. Can furnish females and herd bulls not related. Entire herd under federal supervision.

Tomson Bros.
WAKARUSA, KAN., or DOVER, KAN.

Grade Shorthorn Steers

are worth \$36.40 more at 1000 pounds weight than steers sired by common bulls. For particulars address

American Shorthorn Breeders' Association
13 Dexter Park Avenue,
Chicago, Ill.

HEREFORD CATTLE

For Early Sale

Ninety head of high class Hereford cows and heifers. Herd is practically purebred. All cows dehorned, unbranded. Inquire
DEMING RANCH, OSWEGO, KAN.

HEREFORDS for sale. Several reg. Hereford bulls and cows of Anxiety breeding. Cows are all bred to Double Domino bull, John Bettles, Herington, Kan.

POLLED HEREFORD CATTLE

Polled Herefords

Herd bull for sale, Polled Louis No. 770248. Also some fine young Polled bulls.

WM. C. MUELLER, Rt. 4, HANOVER, KAN.

RED POLLED CATTLE

Red Polls—8 Females 2 Herd Sires

The tops of my entire herd, all good individuals and breeding you will like.

T. G. MCKINLEY, ALTA VISTA, KANSAS.

Choice Red Polled Bulls and Females

All ages. From our accredited herd. Shipped on approval. Schwab & Son, Clay Center, Neb.

FOSTER'S RED POLLED CATTLE

A few choice young bulls.

C. E. Foster, Route 4, Eldorado, Kan.

RED POLLS—Choice young bulls and heifers. Write for prices and descriptions.

Chas. Morrison & Son, Phillipsburg, Kan.

RED POLLED BULLS, A. R. and Champion steer breeding. Sire Moorham Record 34725.

Clyde P. Abbott, Woodruff, Kansas.

HOLSTEIN CATTLE

Mott's Sale Calendar Holstein Sales

Dec. 14—Southern Kansas breeders' sale, Wichita, Kan.
Jan. 25—Kansas Assn., Show Sale, Wichita, Kan.
Feb. 12—Missouri and Kansas breeders, Kansas City, Mo.
Mar. 1—Wm. M. England, Ponca City, Okla.
Mar. 20—Holstein-Friesian Breeders' Association of Kansas, Topeka, Kan.
If you want to buy write to Mott.
If you want to sell write to Mott.
Address W. H. MOTT, Herington, Kansas.

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.

Holstein Bulls

We have them any age from calves to bulls ready for heavy service. Sired by King Frontier Pontiac and from cows with records up to twenty-five lbs. Priced reasonable. Write us.

O. E. RIFFEL & SON, STOCKTON, KAN.

Bonaccord Holsteins

Are better Holsteins, bred and raised on the Bonaccord Farm. Federal accredited herd. For sale, either sex at any age by

LOUIS KOENIG, SOLOMON, KANSAS

Registered Holstein Cows and Heifers

Twelve A. R. O. cows, five bred heifers, also two young bulls for sale, sired by and bred to highest record bulls in Kansas. Prices very reasonable.

R. E. STUEWE, ALMA, KANSAS

REG. HOLSTEIN HEIFERS
Some milking, some fresh in 30 days. Priced right. Two cows and a 2-year bull for \$400.00.

C. A. Coe, Cottonwood Falls, Kansas.

BRAEBURN HOLSTEINS. Only young bull calves, and two cows, or heifers.

H. B. Cowles, 608 Kansas Ave., Topeka, Kan.

GUERNSEY CATTLE

RANSOM FARM GUERNSEYS
Bulls—Calves to serviceable age by 1919 world's grand champion out of record breaking dam.

Ransom Farm, Homewood, Kansas

SPRINGDALE GUERNSEYS
Registered bulls at farmer's prices. Accredited herd. C. R. Kissinger, Ottawa, Kansas.

Hereford Breeders of Kansas

of them with calves at foot or close to calving from the service of the great herd bulls on the farm. The offering as a whole are by the best bulls familiar to students of Herefords, Straight Anxiety breeding and represented by such prominent bulls as Young Anxiety 4th, the Don Carlos, and others. Many of the dams represented in the sale offering are near descendants of the noted foundation bull, Beau Mischief. Others by Bright Stanway and old Domino. The young bulls are good enough individually and bred along lines that insure them herd bulls good enough to head the best herds in America. The heifers old enough will be bred to the herd bulls, many of the best ones to the young bull Prince Domino Mischief, a bull that promises to be the greatest sire ever owned in the herd since the passing of old Beau Mischief. This will be a great offering and a splendid opportunity for the young man wanting to found a herd. Nor will the year present a better chance for older breeders desiring to build their herds along a little strongly Anxiety 4th lines. Catalogs will be sent only to those asking for them. When writing for catalog please mention this paper.—Advertisement.

BY J. T. HUNTER

Miles Austin, Burrton, Kan., changed his card to announce that he offers yearling sows bred to Austin's Yankee Giant and M's Pride, also a number of fall born pigs. Austin raises mighty good Polands. Drop him a line or phone. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

W. F. Dresher's Hampshire Hogs
W. F. Dresher, Route 3, Emporia, Kan., has been raising Hampshire hogs six years. He now has a good sized herd of well bred hogs. He is offering them thru an advertisement in Kansas Farmer and Mail and Breeze but is now sold out and this issue starts advertising bred and open gilts by Jefferson Lad out of Lady Belle, Messenger bred. The bred gilts begin farrowing in March. Good individuals priced right. Write mentioning Kansas Farmer and Mail and Breeze.—Advertisement.

Deming Ranch Polands Made Big Circuit
Deming Ranch, Oswego, Kan., Poland show herd competed at more big fairs this fall than did any other Kansas hog herd. H. O. Sheldon, hog superintendent, made the following fairs with a show herd: Topeka, Hutchinson, Oklahoma City, Muskogee, Little Rock and Atlanta. A show herd from this ranch always makes a number of the big fairs and always takes a goodly number of grand champion ribbons. This year it repeated the performance more successfully than ever. A recent visit to the 2,500-acre ranch found the following well known boys in good shape: Ranch Yankee and Yankee 2nd, the first named being made grand champion at list of the fairs and the second named, a litter brother, always standing next in class. Then there was Latchette, not only several times grand champion but sire of the 1921 world's junior champion, The Diamond, Longfellow, King Kolo Leader and Big Bob's Jumbo complete the group of noted sires. Their get show up strong in the herd. Deming Ranch hog herd is a big one and first class. About the middle of February (date not yet selected) 50 Polands will be offered at auction. This will be the first Deming Ranch sale for 5 years. Write to H. O. Sheldon to put your name on the mailing list for a catalog. Meanwhile, if you need a bred sow, gilt, open gilt or a boar at this time, write Mr. Sheldon in regard to your needs. In either case please mention Kansas Farmer-Mail and Breeze.—Advertisement.

The Coming Kansas National Exposition
This issue carries advertisement of the Seventh Kansas National Livestock Exposition at Wichita, Kan., January 22-27. The advertisement gives considerable information concerning nature of consignments to date as well as information concerning the general plan of management of the exposition. One important thing in this advertisement is that it gives dates of shows and sales of the livestock to be shown and sold. Paste this advertisement in a conspicuous place and avoid missing out on attending shows and sales of the breed in which you are especially interested. If you have something good to show or sell the Kansas National would be a mighty good place for it. Note that entries for show and sale close January 2 and all sales are limited to 60 head, so get busy at once if you wish to consign this year. In addition to shows and sales of purebred registered animals there will be sales of baby beeves and carlot feeders. The entertainment feature this year will be particularly good, surpassing any previous entertainment. Traveling men of Wichita are back of that feature and are spreading the news in good fashion. The 10th annual convention of the Kansas Livestock Association convenes at the Kansas National January 24 to 26. Reduced railway rates will be made in recognition of the exposition. Inquire of your local station agent for information. For further information concerning the coming Kansas National you should communicate with the manager, Horace S. Ensign, Wichita, Kan.—Advertisement.

BY O. W. DEVINE

Profit Making Spotted Polands
G. C. Roan, the well known breeder of the old original Spotted Poland hogs at Ethel, Macon county, Mo., now has a fine lot of bred sows and bred gilts on hand bred for spring litters. These sows and gilts are bred to a son of Singleton's Giant, a splendid big type Spotted Poland, and Marshall's Giant, one of the great breeding boars of the breed. No breeder of Spotted Poland hogs will offer more for the prices asked than will Mr. Roan. No farmer or breeder wanting some new blood or beginners wanting foundation stock can make a mistake if they buy from this herd. Mr. Roan is on the main line of the Santa Fe Railway. Ethel is in Macon county. Please read ad in this issue and write Mr. Roan what you want. Kindly mention this paper.—Advertisement.

Paramount Stock Farm Hampshires
C. I. Ward, the well known breeder and showman of Hampshire hogs at Cameron, Mo., has announced January 24, 1923, for his annual bred sow sale of Hampshire bred sows and gilts, 60 head of sows and gilts either bred to General Pershing or carrying the blood of General Pershing. The offering promises to be one of the best offerings ever sold from the Ward farm and will be one of the best lots of Hampshire bred sows that will be sold in any bred sow sale this season. Mr. Ward writes: "We won 51 firsts and 15 champions on our Southwestern show circuit this fall and all ex-

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, 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 head in our herd of excellent Herefords. Herd bulls: Beau Stanway, by Choice Stanway; Beau Delightful and Heir's Anxiety 5th. Visitors welcome at all times. Annual sales in Phillipsburg.

JANSONIUS BROS., Prairie View, Kan., Phillips Co.

HEREFORD HOME FARM HEREFORDS

Our herd, headed by Dandy Lad, by Dandy Julius, Gallorum, by Bon Lad 4th. 80 head in herd. Good bulls, serviceable ages, and cows and heifers to sell.

H. Hitchcock, Bellaire, Kan., Smith County.

Spring Creek Hereford Farm

I have 7 good young cows for sale worth the money.

S. D. SEEVER, SMITH CENTER, KAN.

SOLOMON VALLEY HEREFORD FARM

In service, Doctor Mischief 3rd, 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 nice yearling and 2-year-old heifers. Some choice young bulls. Address

Naber Bros., Basehor, Kan., 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 2 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. SEDLACEK, BLUE RAPIDS, KAN.

Blue Valley Herefords

DELIVERED FREE. 12 heifers and bull, \$1,000. Bulls \$100; calves \$75. Herd established over 30 years. Best of Anxiety 4th breeding. If you want good cattle buy Blue Valley Herefords. Satisfaction guaranteed.

COTTRELL & MONTAGUE, IRVING, KAN.

1886-1922 Steeleway Herefords

Barnes, Kansas

300 Reg. Breeding Cows FOR SALE

100 of them bred to good bulls. 50 yearling and 2-year-old heifers. 125 long yearling heifers. For sale in single or car lots. 700 head in the herd.

MILTONVALE CATTLE COMPANY, Miltonvale, Ks.

W. H. Shroyer, 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, Scranton, Kan., Osage Co.

Sixty 2-Year-Old Heifers, Bred

Sired by Sir Dare and Dominer 566433. Bred to Don Balboa 566021 and Dominer 566433. Choice stock, priced to sell. Also 20 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 Quinto 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.

Beau Simpson and Battle Mischief

Some choice young bulls, 14 of them from six to 14 months old, sired by these bulls. I can show you several good herds in the vicinity of Hiawatha. Come and see us. For information address

ARTHUR McCRAE, Hiawatha, Kan.

cept two head were sired by General Pershing

Plan to attend this sale. Get your name on the mailing list. If you cannot come to the sale, send your order to O. Wayne Devine, flendman for this paper.—Advertisement.

Sires That Have Influenced Kansas Herds—6

This story of Benjamin Wilton well illustrates how quickly the right kind of a bull can make a herd prominent, if his get are given full measure of feed, care and publicity. Before Benjamin Wilton was 11 years old his owner had defeated a dozen of the oldest and most prominent breeders in the country with the get of this bull, and in addition sold one of his daughters in the Chicago auction sale in 1901 for the highest price up to that time for a Hereford cow. Later his get made an enviable record in the show rings against the strongest competition.—Livestock Editor.

BENJAMIN WILTON 63828

Benjamin Wilton 63828 was really the first herd bull that I can say I ever used. He was dropped October 14, 1894, bred by Cornish & Patton of Osborn, Mo., and was purchased by me as a two-year-old from Mr. John E. Stone who then lived about eight miles distant from me in this county. I had purchased a very few females and one bull prior to the purchase of Benjamin Wilton, but at the time of his purchase I also secured 20 head of breeding cows. The first bull I bought died not long after buying him and I secured very little use from him, so I can say that Benjamin Wilton was in reality my first herd bull. By his use I obtained my start in the showing of Hereford cattle.

Benjamin Wilton's sire was Wilton Anxiety 41810, by Peerless Wilton; his dam, Mab 11005 by Anxiety 4th.

From this bull's get I was able to convince my father of the practicability of breeding Hereford purebred cattle. Up to this time he was in favor of using purebred sires, but did not favor the purchase of registered dams. The get of Benjamin Wilton from the 20 cows I bought bred to him, and 19 of which had calves at foot, I developed the best I could and sold five head of them for \$400 per head, or a total of \$2,000. This sale made more clear money than all the steers kept that year on the farm. From this time on Benjamin Wilton continued to prove himself a real herd bull.

He was never shown at the breeders' shows, but the first of his get that attracted widespread attention was the cow, Betty 2nd. I fitted her for show and sold her at Chicago in the auction sale in 1901 for \$4,500, the highest price up to that time for a Hereford cow. Her show career and the high price that she brought was one of the means of bringing breeders' attention to Benjamin Wilton, altho I had begun to develop other individuals sired by him, and while a new breeder I soon was able to make an enviable record with this bull's get in the show rings, showing his get against the strongest of competition and at one time his get stood first, second and third in a class of calves.

Benjamin Wilton females I kept in the herd for a number of years, most of his bulls I sold at a young age. Some went to the range and nothing more was ever heard from them. Good Enough, Last Chance, Benj. Wilton 10th and Benj. Wilton 16th were among some of the best bulls that he sired. The famous "American Beauties," Lucile and Troublesome, two show heifers that have been pictured over a very wide territory in the United States, were the offspring of Benjamin Wilton, one being a daughter and one a granddaughter. All my papers for this period having been destroyed, it is hard to recall just the individuals that should be mentioned to give due credit to Benjamin Wilton as a sire. I used him for a period of about six years, until his death in the spring of 1903. I considered him responsible for my start in Hereford cattle and placing me in position to make the record I did at the St. Louis World's Fair in 1904, by winning more than \$4,000 in cash prizes as well as the two Premier Championship medals.—Overton Harris.

One dairy improvement association counts among its accomplishments that at least 10 poor producing cows were sold in a single month.

No Richer Breeding Exists

among the descendants of Anxiety 4th than that carried by DON ACTOR 501941, senior herd sire of Gilmorelands. Cow herd made up of granddaughters of Beau Dandy, Beaumont, Bright Stanway, Prince Rupert 2nd, Dale and Brigadier. Yearling bulls for sale. \$125 up. GILMORELANDS, FREDONIA, KAN.

GORDON & HAMILTON, HORTON, KAN.

We offer for sale a nice lot of yearling and 2-year-old heifers sired by Pretty Stanway and Battle Mischief. Also some young bulls, three of them around 18 months old. Come and see our herd, or address for further information.

GORDON & HAMILTON, Horton, Kan.

Old Cottonwood Stock Farm

Cows with calves, open or bred heifers, serviceable aged bulls. Herd sire, PLUTO DANDY 4th, grandson of Beau Dandy.

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, ELDORADO, KANSAS

SAM DRYBREAD'S HEREFORDS

Cows and heifers, bred or open; bulls, calves to serviceable age. Main sire, DOMINO BLANCHARD by Beau Blanchard. Exceedingly well bred dams.

SAM DRYBREAD, ELK CITY, KANSAS

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.

Cows, Heifers and Young Stock

Sires: WOODLAND LAD 2nd by Onward Lad, and HAZFORD 20th by grand champion Bocaldo 6th.

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

Heifers and Underyearling Bulls

By DIRIGO 15th and DIRIGO 17th, out of Anxiety 4th dams. Federal accredited herd.

W. C. CUMMINGS, HESSTON, KANSAS

Polled and Horned Herefords

Good young bulls, double Beau Brummels, Perfection Fairfaxes, and Polled Platons. Main sire, MONARCH FAIRFAX.

G. E. SHIRKY, 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 HARMON POLLED HEREFORDS

A very select herd of 85 breeding cows. A few very choice young cows, bred, and some young heifers for sale. Bulls, real herd header material, from 12 to 18 months old. Write to

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., Wabaunsee County

Advertisers in This Section

Are joining forces to keep before the farm and pasture owners of Kansas and Colorado the many nearby sources of the blood which has proven so adaptable to their conditions. Write for particulars about this service.

Until man gives up the chase, and fixes himself in some place, and seeks a living from the earth, he is a roaming barbarian.—Daniel Webster.

The Pruning of Fruit Trees

BY D. C. MOORING

The pruning of fruit trees and small fruits may be done at any time during the dormant season. The fruiting characteristics of any plant should be borne in mind in pruning the same. By fruit habit is meant the age of the wood upon which the fruit is borne. Low headed trees are better adapted to Kansas conditions than high headed trees. In other words, trees with low branches are preferable on account of being less likely to sun scald, stand the wind better and are more easily and cheaply cared for. Where one year trees or whips are set out of stone fruits such as peaches and cherries, they should be cut back to a height of from 18 to 24 inches. Where such trees are branched cut the top back to the height just mentioned. Also cut the branches back until about one-third of the original length is left, but in case of very small branches cut them back until about two or three buds are left. Subsequent pruning for the next two years should consist of cutting the branches back about one-third, leaving about four original scaffold limbs.

In case of apples and pears the fruit is borne as a rule on 2-year-old wood or older. Remove all broken or cross limbs and thin out the remainder so that the light and sun may penetrate the interior of the trees. Otherwise the fruit spurs of the interior will sooner or later become shaded out. Do not cut back the ends of limbs of apples as this will produce excessive branching at the end which will exclude the light. In removing an apple limb cut it back to where it branches from another branch or trunk. Where large limbs are removed let the wound dry for a few days and then paint it over with whatever available paint there is on the place.

Peaches are borne on 1-year-old wood only. Remarks concerning the removing of crossed or dead limbs apply to the peach. Where the peach limbs are too thick, thin them out. The annual pruning of a peach should consist of cutting back about one-half of last year's growth. In this way the peaches will be thinned and the portion of last year's wood left will branch the current growing season, thus increasing the fruiting wood for another year and at the same time keep the fruit near the main portion of the tree. Japanese plums are pruned the same as peaches, the other species will only require the removing of dead or crossed limbs and the thinning of limbs where too thick. These remarks apply equally to the cherry.

33 Miles From World Markets

Lower cost of transportation, greater profits on produce, and relief from congestion in the shipping season would be the benefits accruing to the farmers in the 17 states tributary to the Great Lakes by construction of the St. Lawrence seaway project, Governor Henry J. Allen of Kansas declared recently in an address at Chicago. He urged the support of all public spirited citizens to the project, which he said "would make the St. Lawrence the Mediterranean or North America."

"Nearly 43 million persons are concerned in the St. Lawrence Seaway project," said Governor Allen. "It means not only relief from the present burden of transportation, but a better means of access to foreign markets, bringing ocean travel 2,000 miles inland. We are competing now on the foreign markets with Argentine wheat, produced at a rail haul of no greater than 250 miles; with Russian wheat within 50 to 150 miles of seaboard. In the Middle West producers are 1,200 to 1,400 miles from seaboard."

"Nature has given us 2,000 miles of waterway capable of sailing ocean vessels if we will correct 33 miles of it. Every part of the proposed St. Lawrence waterway, except 33 miles of rapids, is navigable today to 80 per cent of the ocean going vessels of the world."

"Canada is taking care of her part of the situation by making the Welland Canal capable of receiving ocean-going ships with a draft of 30 feet. So all that remains for the United States and Canada to do is to neutralize the 33 miles of rapids by proper canal ways. The engineering feat necessary to produce 33 miles of canal ways for ocean-going ships presents no insurmountable problem. Thus Nature has given us 98 per cent of an ocean way from Chicago and Duluth

to the Atlantic Ocean, if we build 2 per cent."

"This is the most desirable project since the construction of the Panama Canal. To those who live in the 17 states tributary to the Great Lakes it has a value far beyond that of the Panama Canal."

The estimated cost of constructing the 33 miles long canal to a depth of 30 feet, Governor Allen said, is 250 million dollars. Within four years, he continued, the saving in transportation effected would equal the amount necessary for its building.

Turning to the present industrial problems—the coal and rail strikes, particularly—Governor Allen predicted for the near future "an impartial adjudication of all labor troubles, putting an end to strikes."

'Possums Are Easily Trapped

BY GERALD E. FERRIS

The opossum makes its habitation in all of the Central, Eastern and Southern states. Opossum fur now is one of the most desirable furs handled on the American fur market. However, no fur bearer taken out of season is quite as worthless as this animal taken at the wrong time of the year.

The never ceasing appetite of the opossum has proved to be the downfall of many of these animals because they are a veritable pest to the fruit grower, the agriculturist and the poultry farmer. They also are very fond of wild fruit, persimmons and pawpaws. Not only is the opossum the possessor of an appetite that is seldom satisfied but many people have an appetite for the meat of the opossum which they consider a delicacy.

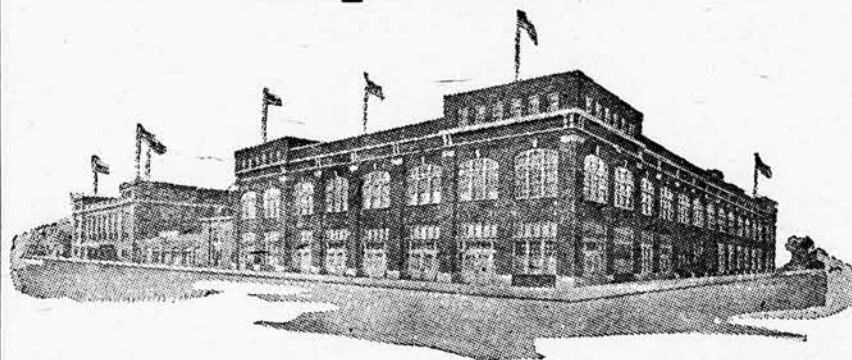
This animal is unsuspicious and is rather slow in its movements. It is a good climber and is at home in timbered districts. Playing 'possum is its distinctive mode of defense.

As this animal is continually roaming around at nights, No. 1 or 1½ steel traps skillfully set at the entrance of dens, in hollow trees, stumps and logs, old straw piles and brush piles and drifts are almost certain to stop the wanderings of many of these valuable little animals. These animals sometimes prove to be chicken thieves but traps set around chicken coops and houses will inevitably put an end to this thievery.

Shooting excepted, the quickest way an opossum may be killed is by breaking its neck. These animals always

stretch their skin gray. The color of the fur does not make much difference as to its value, its principal worth being in the quality and depth of the fur.

Seventh Kansas National Exposition



Wichita, Kansas, January 22-27

SHOWS AND SALES—Shorthorns, Herefords, Holsteins, Polands, Durocs, Percherons, Jacks, Jennets, Mules, Carlot Cattle

SHORTHORNS: Show Tuesday and Wednesday, January 23-24. Sale Thursday, January 25. Under direction American Shorthorn Breeders' Association. W. A. Cochet, Mgr. Consignments of 45 head to date from Carpenter & Ross, McDermott, J. C. Robison, Tomson Bros., Maxwell-Miller, Forsythe, etc. A few more needed.

HEREFORDS: Show Monday and Tuesday, January 22-23. Sale Wednesday, January 24. Under direction American Hereford Breeders' Association. R. J. Kinzer, Mgr. 60 head needed. Consignments coming in now. Inquire at once if you have Herefords for sale or show.

HOLSTEINS: Show will be early in the week. Sale Friday, January 26. Under direction Kansas Holstein Breeders' Association. W. A. Mott, Mgr. Special premiums for production as well as for show ring winning.

Carlot feeder cattle show Monday, January 22. Sale Tuesday, January 23. Poland, Duroc, Percheron, Jack, Jennet shows and sales under direction of management of National Exposition: Poland show Tuesday, January 23. Sale Wednesday January 24. Duroc show Tuesday, January 23. Sale Thursday, January 25. Percheron show Tuesday, January 23. Sale Saturday, January 27. Jack and Jennet show Thursday, January 25. Sale Saturday, January 27. Mule show Tuesday, January 23. Sale Saturday, January 27. Poland sale nearly filled. A few more needed. S. J. Tucker, 140 S. Belmont, Wichita, Kan., consigns 55 head including 15 tried sows, 25 fall and spring gilts, 5 herd boar prospects. Sows and gilts bred to Wondermasterpiece 2nd, Hercules Revelation, Reputation and T's Joker. Special attraction will be a litter by Joker out of Big Maid and bred to Hercules Revelation by Revelation, 1922 world's grand champion, and Reputation. A great assemblage of champion bred Polands. Tenth annual convention Kansas Livestock Association January 24-26.

Inquire at once if you have livestock to consign to shows or sales. Please mention Kansas Farmer-Mall & Breeze. Address

Horace S. Ensign, Manager
Kan. National Livestock Exposition, Wichita, Kan.

Straight Bred Anxiety 4th Bred Herefords at Auction Friday, January 12



60—The Result of Preserving and Improving Anxiety 4th Blood—60

20 Young Bulls—20 Cows Mostly With Calves at Foot—20 Heifers

All females old enough will have calves at foot or will be bred to our herd bulls, Prince Domino Mischief, Young Anxiety 4th, The Don Carlos, Mousel Mischief, and Anxiety 4th Jr. The offering was sired by the Mousel herd bulls and out of some of the greatest cows of the breed whose sires have made the breed famous such as Beau Mischief, Bright Stanway, and Domino. The offering is strictly high class and every

lover of Herefords should have a catalog. Write now for one and mention this paper. Catalog will be mailed only to parties making application for same.

Mousel Bros., Cambridge, Nebraska

Aucts.: Col. Fred Reppert, Col. E. D. Snell. Jesse R. Johnson will represent Capper Farm Press