

KANSAS FARMER AND MAIL & BREEZE



Volume 61

April 28, 1923

Number 17

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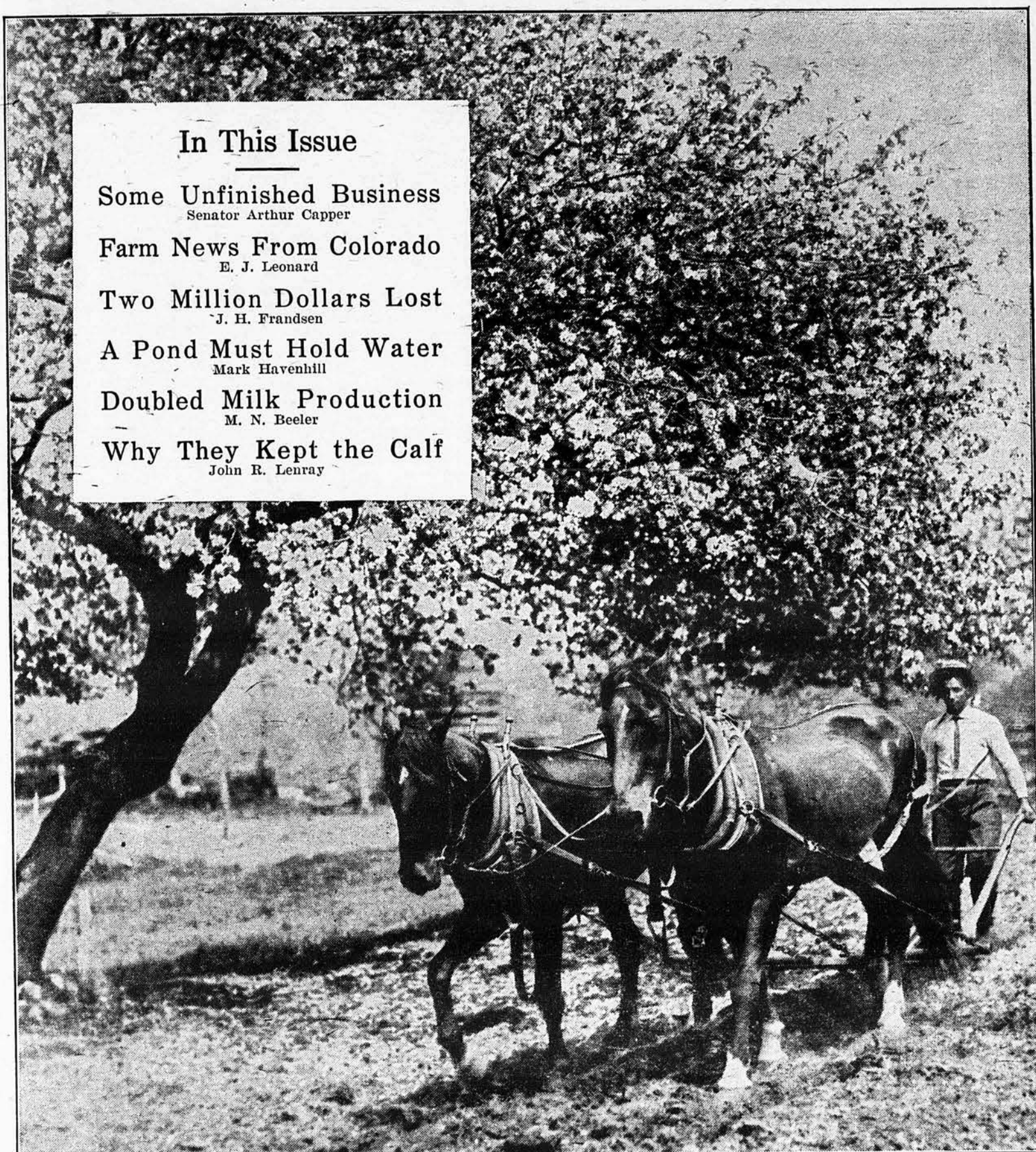
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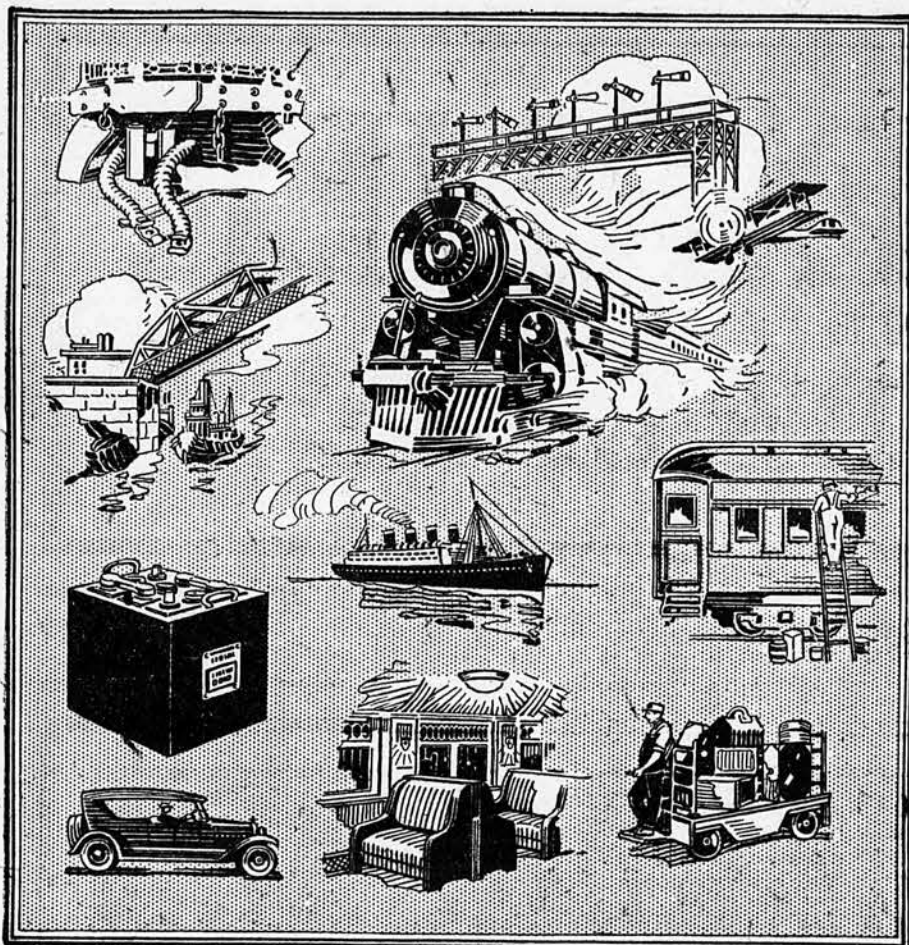
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Lead goes with you on every journey

TRAINS, trolleys, and trucks would halt if suddenly deprived of the lead they contain. Steamships would drift perilously on unknown seas. Aeroplanes and dirigibles would not rise.

The coal for your furnace, the food for your table, the clothing for your body, are brought to your door with the assistance of lead.

The products and treasures of distant countries are more easily transported because of lead.

When you travel by rail

You do not see lead in the railroad train or along the road, but your train can not go far before storage batteries, made mostly of lead, play an important part in assuring a safe and comfortable journey. These lead batteries operate drawbridges, set the signals that guard your safety, and furnish power for the electric lights that add to your comfort.

At terminal stations you may see trunks and express packages carried on platform trucks whose motive power is derived from storage batteries that are little else but lead.

Lead in other places

The bulb in the locomotive headlight and the electric light bulbs in day coaches and Pullman cars are made of fine lead glass. Railroads use lead expansion bolts, calking lead, or lead wool for anchoring rails securely to a concrete roadbed.

Lead is in the rubber air-hose through which passes the air that puts the brakes on all car wheels. Bearings, some of which contain lead, help to decrease friction which would otherwise stop the train. The safety torpedo that bangs like a shot to warn of danger ahead is held to the track by a lead clasp.

The most familiar use of lead

Another use of lead by railroads

is as paint. Red-lead, an oxide of lead, makes a paint that protects iron and steel equipment against the attacks of rust.

White-lead, on the other hand, is the most valued paint for wood and other non-metallic surfaces. Paint is the best known of all the many uses of lead and its products.

People are realizing today what "Save the surface and you save all" means. And they are saving the surface by protecting it with paint containing a high percentage of white-lead. For the best paints have the greatest amount of white-lead.

The professional painter uses lead-and-oil, or pure white-lead thinned to painting consistency with pure linseed oil. Such a mixture sticks to the surface and adds indefinitely to the life of a building.

Look for the Dutch Boy

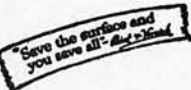
NATIONAL LEAD COMPANY makes white-lead and sells it, mixed with pure linseed oil, under the name and trademark of *Dutch Boy White-Lead*. The figure of the Dutch Boy you see here is reproduced on every keg of white-lead and is a guarantee of exceptional purity.

Dutch Boy products also include red-lead, linseed oil, flattening oil, babbitt metals, and solder.

Among other products manufactured by National Lead Company are lead castings, sugar of lead, lead weights, calking lead, lead washers, music plates, and pinking blocks.

More about lead

If you use lead, or think you might use it in any form, write to us for specific information.



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Jayhawker's Farm Notes

Rains and Warmer Weather Last Week Gave the Grass and Spring Crops a Good Start

BY HARLEY HATCH

A GOOD rain, totaling nearly 1 inch of moisture, which fell recently and was followed by warmer weather, put a different face on growing things down in this corner of Jayhawker land. The wheat has grown wonderfully in the last 48 hours; it is still much behind the usual growth in April and all indications are today for shorter straw than we have had since 1918, and a later ripening date. The short straw may prove a positive benefit; we have had, for the last four years, too much straw growth on the wheat. It makes straw at the expense of grain and it also makes harvesting much harder and more expensive. I believe the heavy straw growth last year added from 3 to 4 cents a bushel to the cost of harvesting and threshing. In 1918 we had a short straw growth and we had that year the best yield of the best quality wheat raised here since 1905.

Later Grazing Season

All grass is growing at the same rate as the wheat but the date of opening the pasture gates is bound to be later than usual. Given average weather and we believe that stock will go to pasture here about April 29. We have had several favorable grass seasons here and the starting grass today shows the effects; the stand is thick and there are no bare spots showing on either meadows or pastures.

Oats are greatly in doubt even at this time, seven weeks after sowing. Some say they have a good stand of fine thrifty grain; some say they have no oats above ground and that failure is certain; in fact, some oats have been resown during the last week. But the majority are yet in doubt; they do not know yet whether oats will make stand enough to insure a crop.

On this farm there is, in most parts of the field, a show for a very fair stand of oats. On the loose, well drained parts the oats are up and the field is green; in the lower, wetter spots the stand is not so good but the sprouts seem just about to break thru.

The Outlook for Alfalfa

A 10-acre field of alfalfa on this farm, sown 11 years ago this spring, has during the last two years been making more and more grass growth and it seemed certain last fall that the alfalfa would have to be plowed up. This fine grass, called here "doghair" is one of the worst pests we have in alfalfa; it stunts the alfalfa growth and is so very tough and wiry that a mowing machine cannot cut it if the least bit damp.

We gave our alfalfa up last fall and burned it off, intending to plow it up the first favorable time but when

warmer weather came the alfalfa came also and it now looks better and gives better promise of a crop than at any time in the last five years. Of course we are going to let it stand until we see what our new seeding of 20 acres is going to do. We have the seed on hand that cost us \$12 a bushel, and will sow it just as soon as the ground dries up enough to work well.

Seed dealers tell me that they have sold more alfalfa seed this spring than ever before; in fact, they cannot supply the demand and some who come to town for seed go home without it.

Piping Water by Gravity

A friend writes from Chanute for more information in regard to the piping of water by gravity. His letter relates to the trouble a neighbor has had in getting water to run down hill about 60 rods thru 1-inch pipes. This writer thinks that the pipe must be partly closed by scale from the pipes as the pipe was obtained from a second-hand lot. He has had identical experience and says that he has had water run freely thru 1-inch pipes for some distance for a long time. The pipe was then out of use for awhile and when the water was turned on again it failed to get thru on account of the scale which formed on the pipe. We scarcely think this can be the cause of the trouble our neighbor had, as he has had a pump on both ends and has cleaned the pipe out thoroughly. A pump will bring a full stream from the pipe when put on at either end, but left to run gradually the water barely fills one-fourth of the pipe. If it were not for the cost, it would be well in all such cases to put in larger pipe, possibly 1 1/4 inch or a 2-inch. In theory, a 2-inch pipe will run four times the water that the 1-inch pipe will; in practice, it will run even more than that especially where the water moves by gravity.

Many commercial enterprises make use of information obtained from the Weather Bureau of the United States Department of Agriculture, as to the effect of the climate or weather phenomena of a particular locality on the products they are marketing, or on the way they are used. One of the most interesting recent applications for helpful data from the Weather Bureau came from a manufacturer of incubators. He needed to know the relative humidity in all parts of the country in order to print reliable directions for operating his apparatus. The amount of moisture required for the incubator would differ according to whether it was being used in a dry climate or a humid one.

Students' Grain Judging Contest

THE fifth annual Students' Grain Judging Contest was held recently at the Kansas State Agricultural College under the auspices of the Klod and Kernel Klub.

This year there were two main divisions to the contest. The first one, the identification of crop varieties, both in the head and threshed grain, and the naming of grain damages such as smut, yellow berry, and the like.

The second division was called commercial grading and judging. It consisted of three sub-divisions: the small grains; corn and sorghums; and the judging of alfalfa.

The small grains included three classes as follows: First, commercial grading of wheat; second, commercial grading of oats; third, judging of hard red winter wheat.

The corn and sorghums included two classes; one of judging ear samples of corn, and the other of judging head samples of kafir. Judging of alfalfa seed made up another class.

Prize ribbons were awarded together with the cash prizes for the three highest scores in each of the divisions. Cash prizes of \$25, \$20, \$15, \$10, and \$5 were given to the men who made the five highest scores in the entire contest. In identification these were \$10, \$8, and \$5 respectively; in small grains, \$8, \$5, and \$3; in corn and sorghums, and in alfalfa, \$5, \$3 and \$2 for each of the first three places.

L. V. Hunt of Wilmore, Kan., was the winner of the contest this year with a credit of 845 from a possible score of 1,000 points.

The Klod and Kernel Klub is composed of upper classmen who are majoring in farm crops and soils, and faculty members of the agronomy department. Its object is to stimulate interest in the crops courses and to give the students who are to become county agents, grain dealers, millers, teachers and farmers, some good training and experience in such judging and identification work as will comfort them later.

KANSAS FARMER and MAIL & BREEZE

April 28, 1923

By *Arthur Capper*



Vol. 61 No. 17

Doubled Milk Production With 8 Cords of Wood

By M. N. Beeler

THIRTY-EIGHT years ago John A. Morrow, Marshall county farmer, swapped 8 cords of wood for a purebred Jersey bull. In their first lactation, his heifers produced twice as much milk as their dams. That was the beginning of a high-grade herd developed from a Shorthorn foundation. Today the descendants of that cross are producing fat for farm butter-making on the same farm. A purebred bull has been used continuously since that time and there are now, representatives of at least a dozen generations of high grade Jerseys, bred on the farm. The Shorthorn characteristics have long since disappeared.

D. W. Morrow, a son, is continuing a farm-buttermaking business, established in 1885, the same year in which the purebred Jersey sire was bought with \$32 worth of cord wood. The entire fat product of the herd is marketed to consumers in Blue Rapids. Mr. Morrow's father kept Shorthorns. Butter was produced for home consumption. A carpenter from town, who was building a house on the Morrow farm, got a taste of the butter, called it the best he had ever eaten and asked that it be delivered regularly to his home. The fame of Morrow butter soon spread to the carpenter's neighbors and the demand grew and production increased.

Twenty years ago the son purchased five heifers from his father's herd and entered the business himself. When his father died he took over the home place and the herd. For years D. W. Mor-

row was known to children of Blue Rapids as "the butter man," and at his appearance they stopped their playing and scampered toward the house yelling to their mothers to bring the money and the butter bowl.

His trade grew until there were 45 customers and delivering became a burden with the work required to care for the increased number of cows and the growing output of butter. He finally made arrangements with a local grocer to deliver the butter. Since 1916, when a power churn was installed, Mr. Morrow has sold thru that grocery

Choice Dairy Butter

PUT UP BY

D. W. MORROW

1 LB. NET WEIGHT

This Label on the Package Signifies That the Butter is a Genuine Morrow Product

22,000 pounds of farm-made butter. The grocer charges 5 cents a pound for delivering and Mr. Morrow receives the creamery butter price less that amount.

"We started delivering butter in Blue Rapids for 12 cents a pound in 1885," said Mr. Morrow. "Then the price went up to 15, 18 and finally to 20 cents. We lost several customers at that time, because the price was too high. Every time there was an increase, somebody would complain. I always discussed the matter with such customers and they would continue to take the butter."

"In the early years we had a good many customers who were slow pay. I finally formed the habit of running short of butter before I got around to them and it was not long until I had an all cash business. Most of the customers would leave a plate and the money on the kitchen table so that I lost a minimum of time in delivering, but the business finally got too heavy and all of my time was required to make butter and attend to the cows. I made arrangements with the grocer to handle my product."

"Some of the stores were not as careful as they should have been in selling country butter and I began to get complaints that my butter was not holding up to standard. I soon learned that some people were able to buy my butter at almost any store in town, altho I was delivering to only one. Just to protect my reputation, I began packing my product in printed wrappers. In that way customers were assured that the butter was mine and there was no chance for anyone to sell an inferior



Cows Descended From a Purebred Jersey Bull Bought With Cord Wood 38 Years Ago

product in unlabeled lots under my name."

Mr. Morrow attended the dairy short course at Kansas State Agricultural College in 1900, just before he went into the dairy business on his own account. Here he gained many ideas about feeding, dairy management and farm buttermaking that have been invaluable to him in developing his herd and his business.

The Morrow farm consists of 240 acres of which 100 are devoted to crops. The timber land is devoted to hog pasture and the hill land to cow pasture. The crop production will not justify feeding the hogs out as a rule and they are marketed as stockers after they have been developed on skim milk. The last crop of Durocs, however, was fed out and they were marketed at 200 pounds before they were 6 months old.

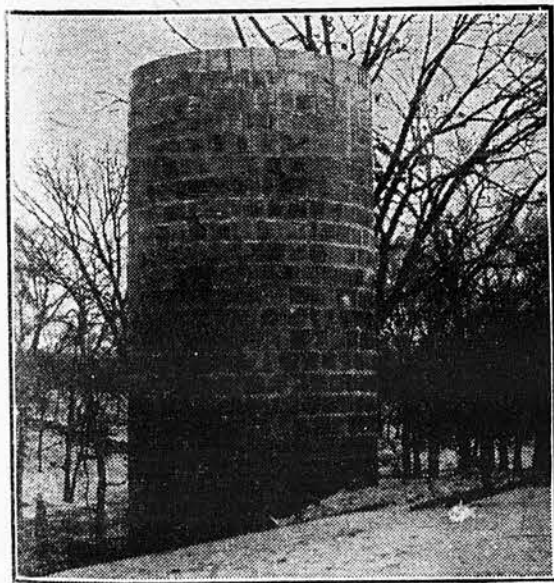
Mr. Morrow feeds his Jerseys 1 pound of grain mixture for every 3 pounds of milk they produce daily. The grain is mixed in the proportion of 4 parts corn, 2 parts bran and 1 part of oilmeal. The cows also receive 25 pounds of silage and 10 pounds of alfalfa a head daily. He now has 12 head of cows giving milk, two yearlings, eight small calves and a herd bull.

"I prefer cane silage," said Mr. Morrow, "because I believe it makes better feed and the yield is better than corn. Two years ago I filled my 90-ton silo from 7 acres of cane. At present I am feeding corn silage. Last August I filled the silo with corn, fed out of it for two months and then refilled with cane. I have now used the silage down to the corn again and I find that the cows are not so greedy for it as they were for the cane silage."

He prefers to cut the cane when it is fully mature. When the cane is late he lets it freeze, upon suggestion from Kansas State Agricultural College. This produces good quality silage and freezing prevents the extreme sourness which would otherwise result from using immature cane.

"I figure that making farm butter pays me about a dollar an hour for my time," said Mr. Morrow when he was asked why he preferred to market his product in this way instead of selling cream. "When butter is 35 cents a pound it pays me about 42 cents for my cream and I just about break even. At present we receive 45 cents for butter. That is equivalent to 50 cents for cream, but the local stations are paying only 41 cents."

"We plan to make about 3,000 pounds of butter a year but last year the output was 5,000 pounds. We have sold as high as 125 pounds of butter in a week with but little apparent effort."



Here is a "Bank" Silo, on a Hill Side; It Supplies Cane Silage as Winter Succulence

Two Million Dollars Lost

By J. H. Frandsen

FAILURE to produce high quality cream and to sell it on a grade basis, cost Kansas farmers about 2 million dollars last year. According to United States Census figures butter and cream equivalent to 34,350,000 pounds of butter are sold annually in this state. Dairy experts are sure that most of the Kansas butter could have been sold for 6 cents more a pound, if it had been made from cream of good enough quality to produce 92-point scoring butter.

It is pretty well recognized that there is a scarcity of good butter, but plenty of poor butter on the market. Poor butter is used sparingly. Good butter is relished and spread on thick, and, of course, is consumed in much larger quantities. All of which means that when we decide to make most of our cream class as quality cream and most of our butter rank as good butter, many needed additional dollars will find their way into the pocketbooks of Kansas farmers. Let's go after that extra quality and price right now. Cream station operators in Kansas are agreeing

to buy cream on a grade basis; now it's up to the producer to produce the best grade of cream possible.

Attention to detail is the basis for the success of nearly every successful business man. If the farmer is to be successful, he, like any other business man, must have a thorough knowledge of the fundamental principles of his work and a willingness to give painstaking attention to the little things. When all farmers realize that just a little better care of their cream and just a little more attention to the way it is made into butter may mean a very considerable increase in their annual income, they will take advantage of the new grading basis on which cream station operators are buying cream during this current year.

Now that the farmer realizes the relation of quality of cream to the price of butter, the time is ripe for him to co-operate in producing a bet-

ter grade of cream—a cream that will make a better grade of butter. The high grade butter commands the highest price, even when the market is well stocked with the lower and cheaper grades. This is particularly significant now when we are in competition with fine butter from Denmark and other foreign countries.

The solution of this problem lies in the observance of a few simple rules which may be stated as follows:

It is impossible to produce clean milk and cream unless the cows, stable, milker, utensils and separator are clean. A milk pail of the covered type is most satisfactory since it prevents foreign matter, dirt and bacteria, from falling into the milk from the flank and udder of the cow.

To wash milk utensils, there are three essential steps that should be followed: First, rinse with cold water to remove all particles of milk; second, wash with warm water containing a small quantity of good washing powder; third, steam or (For Continuation Please Turn to Page 12)

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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
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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. E. NICHOLS, Managing Editor T. A. McNEAL, Editor
JOHN W. WILKINSON and M. N. BEELER, Associate Editors
CHARLES E. SWEET, Advertising Manager

SUBSCRIPTION RATES: One dollar a year in Kansas, Nebraska, Mis-
souri, Oklahoma, Colorado and New Mexico, All other states, \$2 a year

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

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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
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Passing Comment—By T. A. McNeal

THERE seems some doubt after all, concern-
ing the proposed speaking trip of President
Harding. The President himself objects to
making a political speaking tour. He de-
clares he would prefer to stay in Washington than
to go out advertised as making a series of speeches
in the interest of the renomination next year.

And after the announcement of his candidacy for
renomination, made it seems, without his consent or
at least without previous consultation with him, he
can hardly make a series of speeches without being
accused of making them in his own interest. If
nothing had been said about his renomination possi-
bly such a series of non-political speeches could
have been made, but not now.

Knowing the President as I do, I can under-
stand why he would like to make speeches which
would not be considered political, for he is really a
very friendly man who likes folks and would like
to go out and talk to them just as a man, President
of all of them, not as a partisan President. Unfor-
tunately under our party system this seems to be
impossible. He could make that kind of speeches
as a Senator or as a private citizen but not as a Re-
publican President. Neither do I think the fact of
his candidacy for a second term makes any differ-
ence. The people discounted that announcement.
They took it for granted that he would be a candi-
date for renomination anyway.

Farmers as Business Men

ONE of our readers, G. A. Van Dyke, of Devon,
Kan., writes me as follows:

"I shipped seven hogs to Kansas City thru
the Bourbon County Shippers' Association recently.
The hogs weighed at home 1,460 pounds and at
Kansas City, 1,405, the shrink being only 8 pounds
for each hog. These hogs sold in Kansas City at
\$8.10 a hundredweight. The expense was \$5.33
leaving me net for the seven hogs, \$108.47. I
surely made good money by shipping in this way.
The old line shippers are out of a job here in Bour-
bon county. The farmers are getting their eyes
open and are becoming business men."

There is of course no more reason why farmers
should not make a success of such organizations
as this than there was in the case of the California
fruit growers, but up till now it must be said that
such organizations have not generally been a great
success.

Money Spent for Cars

IT IS an astonishing fact that 10 in every 11
automobiles in the world are owned in the
United States; the total number in the world
being estimated at about 11½ millions and the
number owned in the United States being 10½ mil-
lions.

The total amount of money tied up in auto-
mobiles in this country will probably exceed 10,000
million dollars and the cost of upkeep will approx-
imate 3,000 million dollars a year. The deprecia-
tion will probably aggregate 2,000 million dollars
a year or maybe more. We are certainly a joy-
riding people.

The Millage Tax Bill

THE last legislature in my opinion missed an
opportunity to do the taxpayers of the state
a service when it failed to pass the millage
tax bill. It would have added to the tax paying
property of the state hundreds of millions of dol-
lars, property that at present escapes taxation en-
tirely.

I suppose the time never will come when taxa-
tion will be entirely fair and equitable but it is
simply good sense to levy a tax on intangible prop-
erty that can be collected rather than continue
trying to collect a tax that never has been and
never will be collected and which simply operates
to penalize the honest man.

Let me give an example of how our present law
works in practice. An honest farmer out in the
central part of the state sold his farm and took a
part of the purchase price in the form of a mort-
gage. He also bought another mortgage bearing 6
per cent interest. When the assessor came round
he gave in his mortgages just as any honest man
should do. This means that instead of getting 6
per cent he really gets only a trifle more than 4

per cent on his investment; if he lived in Topeka
he would only net 3 per cent and there are local-
ities in the state where he would only have 2 per
cent left after paying his taxes. Meantime the dis-
honest man evades the payment of his taxes by
some kind of subterfuge. Possibly he buys a mort-
gage from a bank but no transfer of the same is
made of record. The bank can hold the mortgage

Labels of My Trade

I DON'T see why I'm always poor
And wear such common duds.
I try to do the best I can
But still I'm in the suds.
And every day it's up to me
To eat old Murphy's spuds.

I wear a common striped shirt—
A pair of stout old jeans,
Tucked in a pair of cowhide boots—
I live within my means.
As day by day in work or play
I eat good pork and beans.

In honor of my hairless pate
I don an ancient hat;
It has a long and peaked top
And bottom like a vat.
I paid for it by honest toil
And I am proud of that.

To shelter me from rain and storms
No mansion do I own;
Within my cot are love and peace
Which always shall atone.
For labor earns the gift of peace
Which comes from toil alone.

The rustic clothes I always wear,
The simple life I lead;
The hope and faith I have in life
Shall serve in time of need.
With these I build in peace and trust
The basis of my trade.

And so my hat 'of funnel top,
My shirt of cottonade,
My cowhide boots and workday jeans,
With which I am arrayed
Are labor's gifts from work and toil—
The labels of my trade.

Rodley, Colo.

L. A. WELD.

and not list it for taxation, only being required to
give in its capital stock and surplus. This of course
is a conspiracy between the bank and the owner of
the mortgage to evade taxes, but it is being done
right along. Now experience has proved that a
light tax is not likely to be avoided, while a heavy
tax always is.

Theoretically the tariff on diamonds ought to be
very high but experience has proved that if a
very high duty is levied on diamonds practically
no duty will be collected and diamonds will be
smuggled into the country without the payment of
any duty.

One Good Law

I HAVE not had time nor opportunity to ex-
amine the law passed by the recent legisla-
ture but I desire to commend it for at least
one good law. The law which requires that notes
given in payment for shares of stock in specula-
tive enterprises shall not be negotiable is one of
the best that has been passed by any legislature
in recent years.

It has been the custom of conscienceless agents
to work on the credulity of the citizen who yields
to the glamor of promised fabulous profits, until
he invests in stock in wild cat enterprise, giving
his note in payment. As soon as he can get to
the bank the stock seller disposes of the note. The
bank is an innocent purchaser and no matter how
worthless the stock may prove to be, the citizen
who signed the note is stuck. In the past year
I have had letters from scores of victims of this
kind. I could give them no help or comfort of
course. They were stuck and that was all there
was to it. If this law had always been on the
statute books it would have saved citizens of Kan-
sas millions of dollars. Incidentally I would be
\$1,500 better off myself. There will be very little
need for a blue sky law with this law on the
books.

The Business Farmer

THE Kansas farmers, according to President
Jardine of the Agricultural College are trying
to grow too much wheat and not enough dairy
cattle and not good enough dairy cattle when they

do grow them, which of course is simply saying
that most Kansas farms are not run on good busi-
ness principles.

During all of the hard times we have had when
the farming industry was hit harder than any
other, there were farmers scattered about who were
making money and getting ahead. The fact that
there were such farmers proves that it was pos-
sible to make farming profitable.

There are a great many things that might and
ought to be done for the advantage of the farming
industry by systematic organization and co-opera-
tion, such as well managed selling organizations, or-
ganizations looking to reduction in cost of distri-
bution, organizations for the purpose of getting
better and cheaper credits, but after all has been
done that can be done by organization the success
of the farmer like the success of any other busi-
ness man must depend largely on himself.

Who Struck Billy Patterson?

ONE mystery that has troubled me to a con-
siderable extent for many years has been the
unanswered question, "Who struck Billy Pat-
terson?" Edward T. Fay of Garnett, professes to
know how it originated. He says that Billy Pat-
terson was the proprietor of a hotel at Ripley,
Ohio. His wife and daughter ran the hotel while
he piloted flat boats down the Ohio River and the
Mississippi River.

He was a large, powerful man with heavy eye-
brows and a rough commanding voice. At one time
a traveling show made a stand at Ripley and while
Billy Patterson was going in somebody in the
crowd took a punch at him and hid in the crowd.
Billy in a rage asked "Who was it hit Billy Pat-
terson?" That was the day of the single ring, the
ring master with the long whip and the one clown.
After the show opened the clown ran round the
ring apparently in a great rage yelling "Who struck
Billy Patterson?" He said that he could whip the
man who did. Then the show's fighting man walked
up to the clown and in a fierce tone said "I am the
man who struck Billy Patterson. What are you
going to do about it?" He was 6 feet and 2 inches
tall and built in proportion. The clown looked him
over in silence for a minute, then turned and fled
from the ring while the crowd howled with delight.
In a short time the joke spread all over the Nation.

Tax on Gasoline

THE difference in the number of miles that
can be had from a gallon of gasoline with a
Ford that is in good condition when traveling
on a well paved road or a graveled road or dirt
road in first class condition, and the average
country road that only receives such care as
the average road overseer will give it, I am told by
the owner of a Ford automobile who has driven
a great many thousand miles in a Ford car over
all kinds of roads, is about five. In other words
this Ford owner says that on ordinary country
roads as they come he will get about 15 miles with
a gallon of gasoline while on a paved road or a
first class graveled road—I mean by first class,
when it is in as near perfect condition as that kind
of a road can be—he gets 20 miles. He figures
therefore that it would be economy for him to
pay a tax of 2 cents a gallon if that means
first class roads rather than to pay no extra tax
and have the roads remain about as they are. As
I do not own a Ford car or any other kind of an
automobile I do not pretend to speak from ex-
perience.

Matters in General

PERHAPS, you are not interested in Alaska.
I am not very greatly interested myself and
yet I am of the opinion that in time Alaska
will develop very considerable resources. The
United States Census shows a decline of popula-
tion amounting to about 10,000 persons. This de-
crease is occasioned very largely by the decline
in the production of gold.

Gold mining in Alaska reached its greatest pro-
duction in 1915 when the value of the gold mined
amounted to \$16,710,000. But the rich placer dig-
gings were playing out and new mines had not
been developed to take their place. By 1921 the

gold production had declined to 3½ million dollars. This caused a great falling off in the population of towns built up on the gold boom. In 1900 Skagway had a population of 3,117, today it has a population of less than 500. Nome at the height of the gold excitement had a population of 12,488. Now it has shrunk to a village of about 800. However, the towns that have not depended on the gold mining have grown. Twenty years ago Juneau, the capital had a population of 1,864; today it has a population of more than 3,000. Recently there has been a new gold find near Valdez which is causing a great deal of excitement and may cause a new rush of gold seekers.

What may be more serious to Alaska than the playing out of the placer gold diggings is the decline of the salmon industry. There have been no laws enacted to protect these fish and tho their number has seemed beyond belief, there is a limit to their reproduction. They are being caught by the tens of millions and their numbers are diminishing rapidly.

While the salmon fishery industry is threatened with extinction seals are increasing under the laws passed for their protection. It is estimated that there are now nearly as many fur bearing seals in the Alaskan waters as there ever were. A few years ago it looked as if the seals would be exterminated.

When we acquired Alaska 90 per cent of the people of the United States believed that Russia had wished on us a country that was practically worthless for any purpose. Then gold was discovered and the people changed their minds, but with the decline of gold production faith in Alaska began to wane again. We now know that a great many standard agricultural products can be raised there at a profit such as wheat, oats, barley, potatoes and some other hardy crops. A new industry is being developed in the production of reindeer. These hardy animals live on moss which grows in the interior where the seasons are too short and the climate too severe to grow any other crop. All the reindeer, now aggregating many thousand, are the increase from a few brought over by the Government from Siberia a few years ago. The reindeer provides good beef and its skin is valuable. It can also be domesticated and used as a light draft animal.

If you like a cold climate with long cold winters and hot short summers you can do pretty well in Alaska.

Of course the climate is a great drawback to many people. I knew a Kansas man who went to Alaska during the gold excitement. He found that eggs were selling for a dollar a dozen and hard to get at that. It occurred to him that he could bring a flock of hens to Alaska and make a fortune. He came back to the states, got his

hens and hied back to Alaska. He got there just as the long winter was setting in. His hens decided that it was night and all went to roost and refused to lay an egg.

His experiment in hens was a failure. He had not gotten hold of the idea of fooling the hens with artificial lights.

Several years ago a Kansas newspaper man went to Detroit and became quite a prominent newspaper writer. Later he became the first editor of Henry Ford's Independent. When Henry decided to lambast the Jews the Kansas man quit him and his magazine. At present he is off of Henry, very much off. He intimates that Henry is undertaking to put a lot of things over on the American people. For example, he declares that Henry cleaned up 29 million dollars profits on war contracts. The report was sent out broadcast that Henry had turned all of these huge profits over to the United States Treasury. The Kansas man says that there is not a word of truth in this; that all the 29 million dollars profits went into the pockets of Henry and his son. If that is true it will make a lot of difference in the public estimate of Henry.

Amending State Constitution

THE people of Kansas at the next general election will have an opportunity to amend the constitution so as to permit classification of property for taxation purposes.

I expect to have considerable to say about this between now and the next election. I believe now as I have believed for a good many years that the state constitution should be so amended.

The Industrial Court

THE recent decision of the Supreme Court of the United States in the minimum wage case brought in the District of Columbia, may have the effect of practically destroying the Kansas Industrial Court.

By a decision of five to three, Judge Brandels not sitting, the court decided that the establishment of a minimum wage by law was unconstitutional because it destroyed in effect the right of private contract.

The majority of the court held, and I think logically, that the power to fix a minimum wage implied the power to fix a maximum wage, in short, to determine what wages an employer must pay and an employee must take.

My objection to the Kansas Industrial Court law is just this; it does give to the legislature, acting thru a commission or court the right to fix wages and nullify the right of private contract. Most labor leaders have urged this very valid objection but most of them are not willing to go to the logical conclusion of their own reasoning.

They insist for themselves the right of collective

bargaining which is correct, but they do not concede to the other party to the bargain the same right they demand for themselves.

There can be no such thing as a bargain without two parties to it and those parties must bargain on equal terms, otherwise it is not really a bargain, for if either side has the power to dictate to the other then there is only one party that really has a say and that is not a bargain at all. When a labor union makes a bargain with either an individual, a firm or a corporation, both parties are supposed to be equally bound by the terms of that bargain and when those terms are fulfilled both parties are released from further obligations under that contract.

A labor union makes a wage contract with an individual or firm or corporation under which is determined the wages, the hours of labor and the conditions under which the work shall be done and the time for which the contract shall continue. If the individual, firm or corporation fulfills his or its part of that contract it has the right either to renew or refuse to renew the contract just as has the labor union. If the labor union refuses to renew the contract or fails to agree with the employing party as to the terms of a new contract it has no right to say that the employer shall not bargain with anybody else.

It has no right to interfere either directly or indirectly with his business. It has no right to picket his place of business or by any threat or intimidation prevent others from bargaining with this employer.

Right here is where labor unions have lost ground. They have insisted on the right to quit work, which they have a right to do, provided they have lived up to the terms of the bargain they have previously made, and they also insist on the right to say that other persons who seek employment have not the same right to bargain as themselves. They desire a one-sided bargain, which they have the right to annul but which the other party has no right to change.

Strikes are generally accompanied by violence, loss of property and often by loss of life. There is and has long been a very earnest desire to find some way to do away with this damaging condition. The Kansas Industrial Court is an experiment in that direction.

True enough it encourages the settlement of labor disputes privately, but in case such settlement cannot be made the Kansas Industrial Court has the power under the law to step in and say what the wages must be and logically that means the end of private bargaining so far as the industries mentioned in the law are concerned. That seems to me logically to mean state socialism and I am not ready to believe in socialism.

The only country where state socialism has been boldly and forcefully put into operation is Soviet Russia the most cruel and most despotic government on earth, and even that government has been compelled to modify its policy.

Unfinished Business—The Ford Offer

JULY 8 of this year, Henry Ford's offer to take over Muscle Shoals will be 2 years old. And with all the slamming it has had from the "Fertilizer Trust" and the "knocking" from other interests and powerful opponents, nobody has yet come forward with a better offer. Still we do not accept it and we do not reject it. We dilly-dally.

Many Millions Being Spent

Meanwhile, the Government, which virtually abandoned the project in 1921, after spending \$5 million dollars on it, now has 2,000 men at work on the site and is expending 17 millions more to complete the Wilson dam. Just what it will do with the dam when it gets it done, is something not considered as yet. There is no definite purpose. The Government has no plan for its operation and is not likely to have very soon. Perhaps it will turn the project over to Ford. Sooner or later that is what I expect to see done if Ford doesn't weary of waiting and cancel his offer, which is something the Alabama Power Company, the Fertilizer Trust and other interests wish to see happen.

None of these objectors had any special interest in Muscle Shoals and none of them showed any interest in it, until Ford, by invitation of the Secretary of War, submitted his offer. Then the Hammer and Anvil Club got busy. What these objectors really desire, is to have this tremendous power project lie dormant instead of being made to do something for the people and Nation. Hence the interference and the let-her-drift policy.

A Strictly Biased Opinion

A little "newspaper" labeled "Current Opinion," a four-page sheet of propaganda, is now being circulated thruout the United States by the "Institute of American Business," New York. From first line to last it "knocks" the Ford offer and Ford. It represents a strictly one-sided opinion, and, I have no doubt, the powerful interests opposing the Ford lease.

With the sentiment of the country overwhelmingly for leasing Muscle Shoals to Henry Ford and the House willing to vote it to him at any time, the opponents of the Ford offer nevertheless were able to prevent any action on it at the last session.

Ford's offer was strongly championed in a

speech before the House by Representative Madden, Chairman of the Appropriations Committee. Herbert Hoover, Secretary of Commerce, also is for it. He does not favor Government operation for the same reason that I do not, which is that it would add heavily to the people's tax burdens and get us nowhere in particular. Still another champion of the Ford offer is Bernard Baruch, wartime Chairman of the War Industries Board, who sees in its acceptance "a contribution of almost inestimable value to the future of American agriculture and the safety of America in time of war." Mr. Baruch would exclude all bids or offers which do not, like Ford's, carry an obligation to produce and develop commercially a nitrogen process. But notwithstanding this strong backing and the support of the Farm Bloc, the 67th Congress failed to act on this project, which means another year has been lost.

Opposed by Special Interests

We can respond quickly enough, it seems, to the urge of the rubber industry; we can pass appropriations to help it find or develop new sources of supply. But a supply of cheap fertilizers on which the conservation of this country's soil fertility and its food production depend can wait, no matter how greatly our farmers in the South and East have need of it. I imagine the Chilean Nitrate Trust from which we import millions of dollars' worth of nitrate fertilizer yearly, and our own fertilizer combine, will not object to this.

In their wartime efforts to feed the armies in the field and the Allied nations whose producers were in the trenches, the food drive of the American farmers produced a series of giant harvests. They exploited their soils to the utmost. After the Armistice they kept it up for another two years to feed the nations during their early reconstruction, besides supplying the needs of Europe's famine-stricken peoples. For obvious reasons fertilizers were difficult to obtain in wartime. Then deflation hit our farmers so hard that many were unable to buy fertilizers and those who were able bought less. Now soil experts are predicting a great slump in production as a consequence to be increasingly felt during coming years.

While a slump in production of certain crops for a brief period may not prove an unmixed evil to these farmers, that is a temporary condition in a country whose population has increased 32 mil-

lions since 1900 and is now growing at the rate of more than 2 millions a year. It is reported the South will this year harvest little or no cotton because its cotton growers could not afford to buy high-priced fertilizers in sufficient quantity to push the crop ahead of the maximum period of boll weevil attack. That should interest the women folk who already are paying high prices for cotton goods.

A Nitrogen Supply Essential

An interesting commentary on our neglect to develop a nitrogen supply of our own for our farm industry, is afforded by the reparations trouble between Germany and France. Germany's greatest agricultural chemist protests that the delivery of 60,000 tons of pure nitrogen from Germany's air nitrogen fixation plants would cause a harvest decrease in Germany amounting to 1½ million tons of grain, or about 6 million tons of vegetables and precipitate a food crisis.

Ford proposes to produce 40,000 tons of pure nitrogen annually at Muscle Shoals and as much more as his chemists and engineers, working constantly on the production problem, can develop. This he will supply at 8 per cent of the actual cost of manufacture. He will pay the Government 4 per cent interest on the cost of the dams. He will pay back to the Government its total investment in the dams, and at the end of his 100-year lease return the property to Uncle Sam free of all charge. Meanwhile he will maintain and operate the dams and locks at his own expense. To carry out this contract to the letter, Ford pledges himself, his heirs and his entire fortune.

What Government Ownership Means

If we do not accept the Ford offer, the alternative is Government operation under political management. That means high-salaried officials working in the usual leisurely way, and annual appropriations to make good the deficits.

The Congress which meets next December must decide which of these two policies is to be adopted.

We should accept the Ford offer. No question about that. I shall vote to turn the Muscle Shoals project over to him, to the one man in the United States best fitted to develop it and make it perform.

Arthur Capper

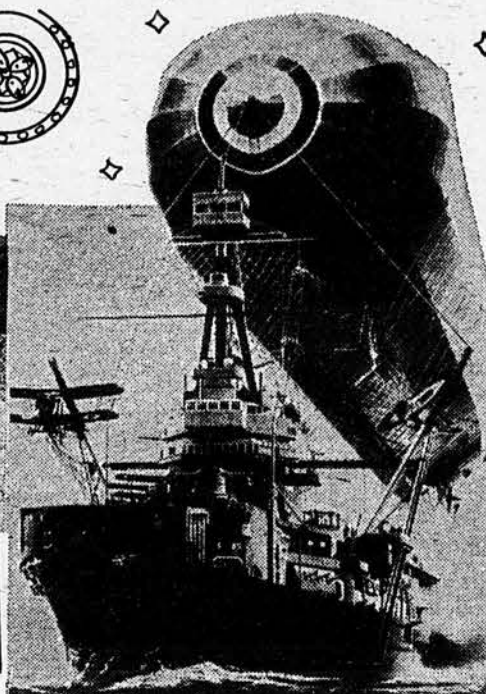
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News of the World in Pictures



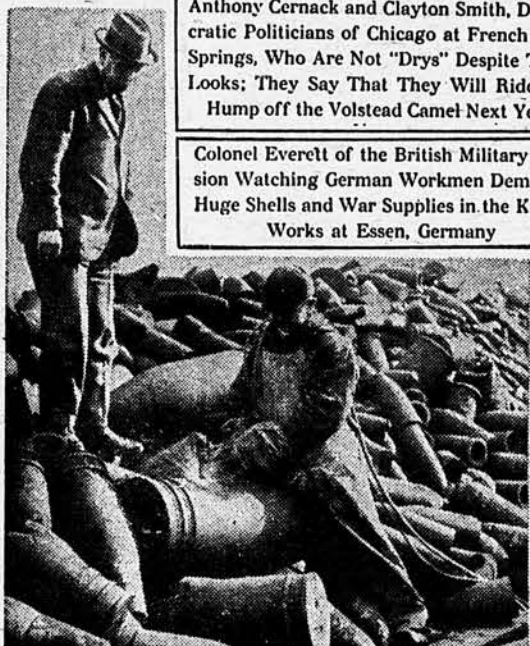
Anthony Cernack and Clayton Smith, Democratic Politicians of Chicago at French Lick Springs, Who Are Not "Drys" Despite Their Looks; They Say That They Will Ride the Hump off the Volstead Camel Next Year



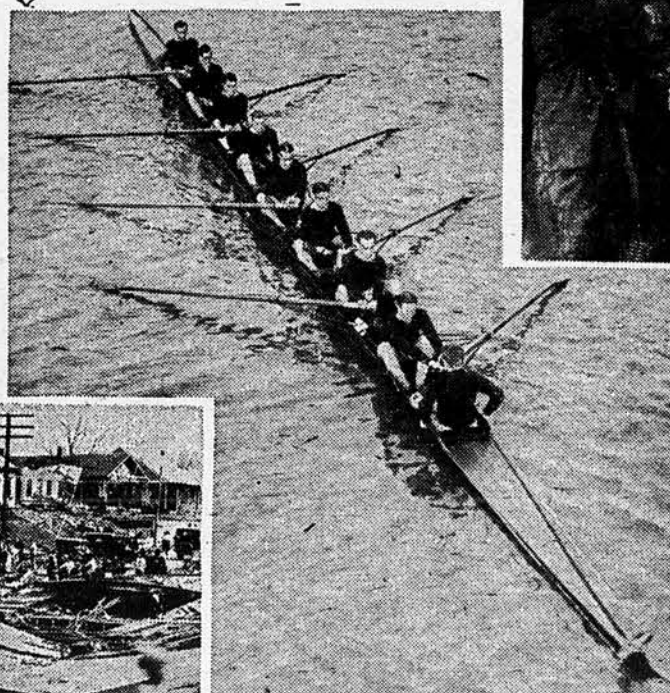
A Visualization of the Airship of the Future Having a Carrying Capacity of 50 Passengers for Overseas Traffic as an Auxiliary Mercantile Cruiser



Laddie Boy Greeted and Welcomes Home to the White House, President and Mrs. Harding Who Have Spent the Winter in the South; the Major Part of Their Vacation Was Devoted to Golfing and Fishing



Colonel Everett of the British Military Mission Watching German Workmen Demolish Huge Shells and War Supplies in the Krupp Works at Essen, Germany



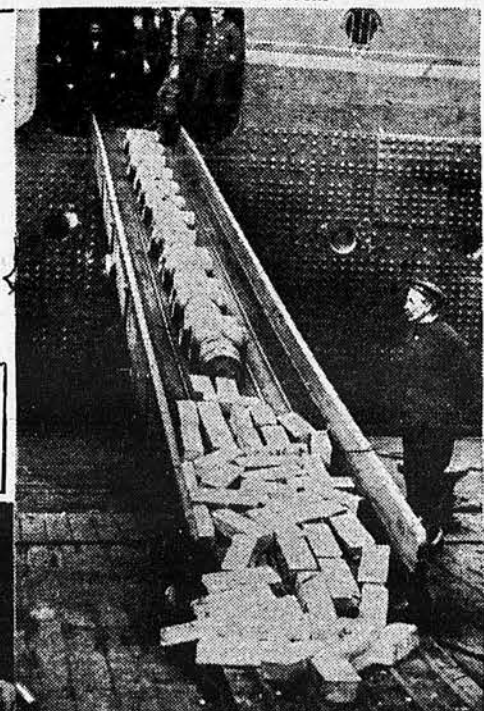
Princeton's Varsity Eight Under Doc Spaeth's Careful Training is Ready for Contests; Montgomery is at the Bow, Then Follow Wilcox, Bradley, Austin, Jackson, Burke, Burnham, Pirie, Stroke and Captain, and Laidlaw, Coxswain



"The Last in the World to Strike," But They Have Struck; English Farm Hands Shown Here Have Voted to Join With Strikers in Norfolk



Freak Effects of a Twister at Alexandria, La.; Tiny Houses Were Left Unscathed While Buildings Standing Next Door To Them Were Completely Wrecked; About 60 Persons Were Injured and 13 Killed in This Storm



Kegs of Gold Coins Worth 2 Million Dollars and Ingots of Silver Bound From America to India; Here They are Being Taken from the Baltic at Liverpool



A Buffalo Herd on the National Bison Range Near Dixon, Mont.; But for the Protection of the U. S. Government Our Buffaloes Would Now be Extinct



U. S. Supreme Court As Now Constituted; Left to Right as Seated, Justice Van Devanter, McKenna, Chief Justice Taft, Justice Holmes and McReynolds; Standing, Justice Butler, Brandeis, Sutherland and Sanford



Three Times a Week on Busy High Street in London, Traffic is Held Up While Buyers and Sellers Haggle Over the Price of Hay



When a Player Piano is Available in the Home It Does Much to Add to the Joy of Living; When Desired It May be Used With the Saxophone, and Other Musical Instruments

A Pond Must Hold Water

And 100 Head of Stock Will Require at Least 450,000 Gallons in 180 Days if They are to Do Well During the Heat of the Summer

By Mark Havenhill

IN MANY sections of Kansas the inadequate supply of underground water or the high cost of digging wells makes the building of ponds necessary in order that livestock may have water to drink.

Just as there are pigs and pigs, so are there ponds and ponds. The mere scratching out of a hollow in the ground in which a little drainage water is held for a few weeks does not constitute a good pond. In order to build a good pond, it is essential to know just how large it should be and how the dam should be constructed in order to hold the water. Otherwise it is quite likely that the entire piece of work will be done over in a year or two because of inadequate information in the first place.

Proper Capacity Essential

It is best to build a pond large enough to hold a supply of water which will take care of the livestock between the dates of May 1 and October 1, taking into consideration the evaporation and seepage from this supply.

A dairy cow will often drink 30 gallons of water in 24 hours while a horse drinks from 10 to 15 gallons daily. Steers will consume somewhat more than horses, but not as much as dairy cows. It is safe to estimate that 25 gallons for each animal will be the daily requirements and then multiply this amount by 180 days. Thus, for 100 head of stock we could figure on storing about 450,000 gallons of available water. This would be water enough to cover 1 acre to a depth of about 1½ feet.

It is essential that some considera-

tion be given to the evaporation of the water from the pond. The average evaporation in Western Kansas is about 52 inches in the six months between May 1 and October 1. This is about 4½ acre-feet, and the pond must be constructed to hold water enough to supply the stock and still allow for this evaporation.

There is also a seepage loss which will vary greatly with different types of soil. In stiff clay the seepage loss is small while in loose sandy soil it is very great while in clay loam soil the seepage is less than in sandy soils but still greater than in stiff clay.

This would seem to indicate that a pond must be made to hold about 20 times as much water as the livestock could possibly consume, and this would be the case if there were no rainfall in the six months. However, for the six month period under consideration the normal rainfall in Eastern Kansas is more than 24 inches. In Central Kansas it is 20 inches and in Western

Kansas 14 inches for same period.

Suppose that we have a pond which has an area of 1 acre, and wish to know how many feet of water we can expect to catch in this pond during the six months. We simply determine about what the drainage area for the pond is, and if it is 20 acres, we know that in Eastern Kansas we can expect to gather about 40 acre feet of water in the pond while this will decrease to 33 acre feet in Central Kansas and to 23 feet in Western Kansas. This will take care of much of the evaporation and seepage. The water which runs off the drainage area will vary with the different soils and also with the kind of precipitation. A heavy dashing rain provides more run-off than a steady light rain. As a matter of fact, from 10 to 15 per cent of the rainfall runs off the slopes and is available for impounding.

In figuring the capacity of a reservoir it is only necessary to determine the area of the pond in acres and mul-

tiply by one third the maximum depth. The product will be the volume of water in acre feet, but this of course will be only a rough figure. However, it will be accurate enough, and certainly much more accurate than most of the figuring done in constructing ponds.

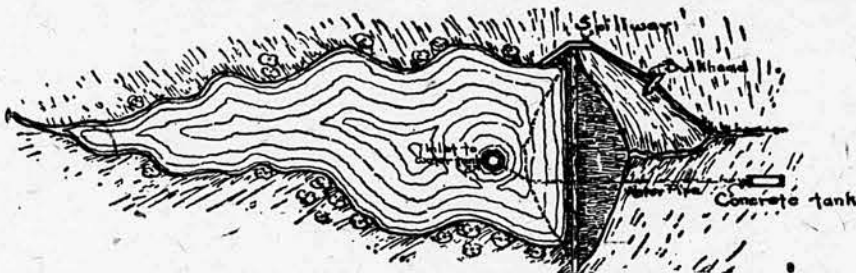
The requirements for the livestock can be figured as previously shown in assuming that each animal will require 25 gallons a day. To this should be added four times the amount required for the stock and the total will take care of evaporation, seepage and livestock requirements.

Earth Dams Need Reinforcement

Dams built of earth are, perhaps, the cheapest and most satisfactory in Kansas, altho it is a splendid idea to reinforce them with stone or concrete. A good spillway should be provided so that excess water will not run over the earth dam and cut it away and permit all of the water to escape. The spillway area should be about 17 feet for each 80 acres of drainage area.

It is a good idea to fence the pond in order to keep the animals out of the water. A water tank may be placed below the dam and the stock may be watered at these tanks. An inlet should be provided at a point where the depth is the greatest and the water piped to the tank from there. An automatic float can be made from a tightly corked water jug which will keep the water in the tank at a constant level.

The top of the dam should be made at least 6 feet wide and it should rise at least 2 or 3 feet above the top of the water when the pond is about full.



Showing a Pond From the Birdseye View in This Manner Brings Out All of the Details in Constructing the Dam and the Spillway

Why They Kept the Calf

A. J. Winn and Son, Coffey County Dairymen, Decided Heifer Was Worth Much More to Them Than to Anybody Else

By John R. Lenray

WHEN A. J. Winn and his son, L. E. Winn, attended a Kansas Holstein-Friesian Association sale in Topeka five years ago they bought three cows as a foundation for a dairy herd which they were establishing on their farm at the edge of Burlington, Coffey county. One of the cows was purchased largely because the seller, H. D. Burger, Nemaha county breeder, offered to buy her calf, if it were a heifer, for \$150. Before they left the sale Burger signed a contract embodying his statement made when the cow was led into the ring.

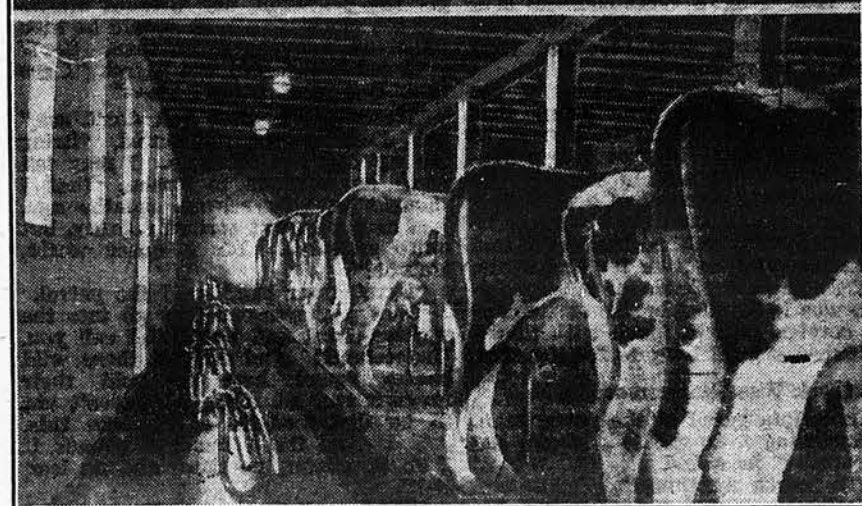
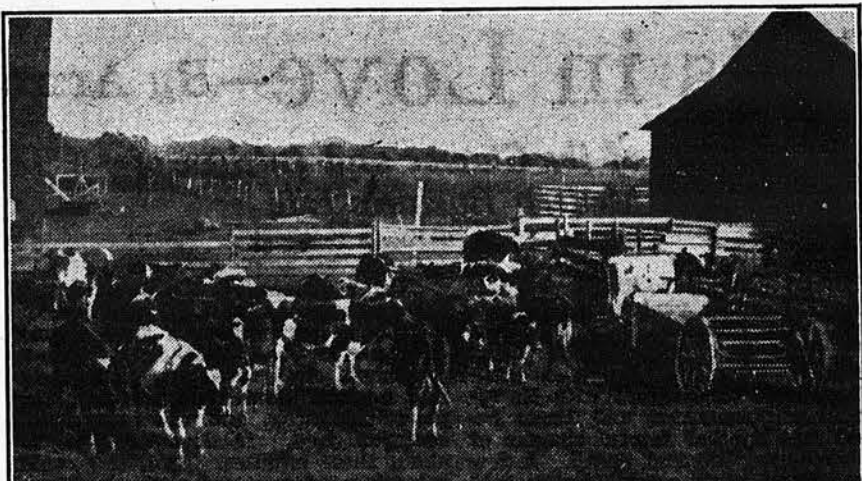
Between then and the time of freshening of that cow the son did a great deal of thinking. They were just starting in the purebred business and were building a milking herd. If that Nemaha county dairyman thought enough of the old cow and the breeding of the calf she dropped to buy it back for \$150, then it might pay to look into the matter a little further.

The Beginning of the Herd

The calf that came was a heifer. L. E. Winn was beginning to like the dairy business even better than he had in the beginning. The proposal that Burger be asked to fulfill his contract was promptly vetoed. Said the son, "If this heifer calf is worth that much to him it is worth more to us and we'll keep it." The mother proved to be a producer of persistent milkers. One of her calves is due to freshen in a short time and they are having a hard time to dry her off. She produced 53 pounds of milk a day during June.

Winwood Dairy Farm adjoins Burlington. Before the farm was converted into a milk producing plant, three years ago, people of the town kept cows of their own, not thru choice but by necessity, because there were no commercial dairies. A milk route was established in 1919. At that time only one man was selling bottled milk. Now there are two routes besides that

of Winwood and five or six men are milking 30 cows and delivering 200 selling bottled milk. The Winns are quarts a day in addition to the cream



Part of Winwood Herd. Below—Interior of Barn Showing Concrete Floor, Droppings Gutter, Milking Machine Units and Electric Lights

and skim milk they sell, yet they cannot supply the demand.

The herd consists of 45 Holsteins, all but two or three of which are purebreds, and 20 purebred Guernseys. They formerly kept the milk separate because there was a demand for the yellow color of the Guernsey product. Producing and selling two kinds of milk proved burdensome and expensive. They couldn't make two prices and consequently began mixing the milk and sold it at the Holstein price.

Steer Feeding Unsatisfactory

"I had fed steers all my life and we had graded up our Shorthorn herd until it was as good as any in the county," said the father. "But it became increasingly harder to make them pay in this territory. Prices we received for finished steers did not leave sufficient margin above the cost of production. Finally four years ago we ran short of feed and had to winter our herd on straw. We had been down to Parsons and saw Holstein calves selling for \$100. That was as much as we could get for our best cows. In the spring of 1918 we had a sale and disposed of the beef herd."

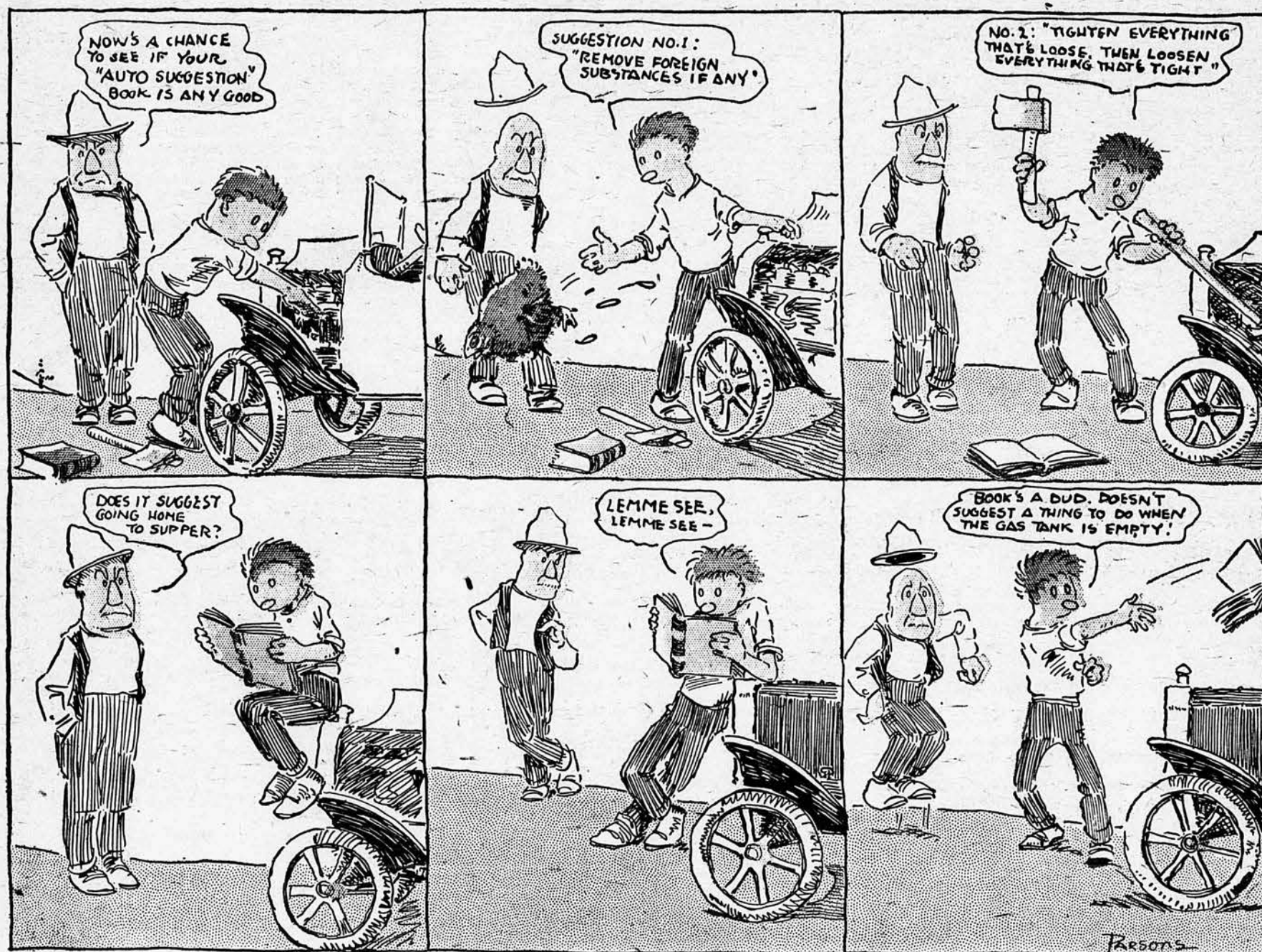
"We began stocking our place with dairy cattle and I moved back to the farm. We are making a good living out of the milk and find a ready sale for surplus stock. Of course we started at the high time and built our barn when materials were expensive, but despite that we made a good change."

Winwood Dairy Farm consists of 465 acres. About 200 acres is cultivated, 50 acres is kept in alfalfa and the rest is pasture and prairie hay land. Cane is grown for silage because it produces twice the tonnage of corn.

The Winwood dairy barn is 32 by 80 feet, contains storage for 60 tons of hay and steel-stanchion stalls for 40 cows. It is supplied with running water and individual drinking cups and lighted with electricity. Two silos of 150 tons each supply the herd.

The Adventures of the Hoovers

Whether You Ought to Use the Auto Suggestion or Something Else When the Gas Tank is Empty is a Question Still Unsolved



Hugo Falls in Love—By Arnold Bennett

A Story of the Glamor and Intrigue of Modern Business Life

(Copyright by F. M. Buckles & Company)

THE hero of our story is Hugo, the owner of a large department store on Sloane Street in London that he built up after having visited leading cities of America, as well as Paris, and other places. Hugo's shop was far more than a universal bazaar, for it was not only a place where you could buy anything you desired, but where you could also arrange for all sorts of service and accommodations.

When Louis Ravengar was only 9 years old, his father, a widower, married a widow with one child 6 years old. That child was Owen Hugo. When the elder Ravengar died, his will provided that his property should be divided equally between Louis and Owen. This caused a deadly enmity to come between them. Then after a separation of many years Hugo one day was astonished to find Ravengar in his establishment—seeking his aid in winning the favor of Camilla. This request Hugo refused because of his own interest in Miss Payne. A violent quarrel followed and Louis took his departure vowing eternal vengeance.

Later Hugo learns that Miss Payne was missing from her department in the store, and it was rumored that she and Mr. Tudor were married. Then a chain of circumstances developed that seem to indicate that Camilla had died shortly after her marriage. In fact it was reported that a coffin had been taken up to Mr. Tudor's apartment. A hurried investigation by Hugo confirmed that fact.

As he was leaving the Tudor premises he met Darcy, Mr. Tudor's family physician, who informed him that Mr. Tudor also had just died of heart disease.

Then came the funeral with its attendant circumstances and Hugo believed that another fateful chapter of his wonderful life had ended. A few days later Hugo's establishment held one of its big annual sales and all of the departments were thronged with people of every description.

In the excitement incident to the occasion the alarm was given that someone had stepped inside of vault 39 of the Hugo Safe Deposit which happened to be open and in some mysterious way this person had been locked inside. Simon feared that it might be Hugo, since he could not be found, and asked the police station for assistance. Jack Galpin, a professional safe cracksmen, who is detailed by the station for this service, gets in touch with Simon and drives a hard bargain for the deal.

The Clock Was Temperamental

Mr. Galpin gazed at the young man. "Assuming I do the job, what's the job worth?" he asked.

"It's worth anything."

"Is it worth a hundred pounds?"

"Yes."

"Cash?"

"Yes, I promise it. I will hand you my savings-bank book if you like."

"I only ask because I have a sort of a notion about that clock. It's a pendulum clock, and you know how fast a clock ticks when you take the pendulum away, and the escapement can run free. It does an hour in about three minutes. Now, if I could get the pendulum out without alarming the clock . . . it would be nine tomorrow morning in no time. See?"

"I see that," said the patrol. "I see that. But what I don't see—"

"Never mind what you don't see," Mr. Jack Galpin murmured. "Bring me my bag out of there. I may tell you," he went on to Simon, "that I thought of this scheme months ago, just as a pleasant sort of a fancy, but quite practical. It's a queer world, isn't it?"

"Here's your bag," said the patrol.

"Now you two can just go into the waiting-room, and wait till I call you. Understand? And tell all these wild beasts round here to hold their tongues and sit tight. I haven't got to be disturbed in a job like this. . . . And it's a hundred pounds if I do it, mister, no more and no less, eh?"

Within exactly twenty-five minutes

Mr. Galpin entered the waiting-room.

"See that?" he said, holding up a

pendulum. "That's it. You can come and look now. But I don't invite the public to see my own private melting process. Not me!"

He had burnt two holes thru the half-inch plate of Bessemer steel in which the clock was enclosed, and by means of two pairs of tweezers he had detached the pendulum without stopping the clock. The hands of the clock could be plainly seen to move, and its ticking was furiously rapid.

An Efficient Expert

Mr. Galpin made a calculation on his dazzling cuff.

"In three-quarters of an hour the clock will have run out," he informed his audience, "and you will be able to open any locks that you've got keys for. I shall call tomorrow morning, young man, for the swag. And don't forget that there's only one Jack Galpin in the world. My address is 205, the Waterloo Road."

He left, with his bag.

Simon rushed to Vault 39 to encourage the captive by continual knocking.

Then the messenger-boy, who had been despatched to obtain food for the prisoners behind the various grilles, came back with the desired food, and with a copy of the Evening Herald. The back page of the Herald bore Hugo's immense advertisement. The front page was also chiefly devoted to Hugo. It displayed headings such as: "Shocking Scenes at a Sloane Street Sale," "Women Injured," "Customers Complain of Wholesale Swindling," "Scandalous

Mismanagement," "The Hugo Safe Deposit Suddenly Closed," "Reported Disappearance of Mr. Hugo," "Is He a Lunatic?"

And when the three-quarters of an hour had expired Simon and the patrol unlocked the massive portal of Vault 39, and swung it open, fearful of what they might see within. And Hugo, pale and feeble, but alive, staggered heavily forward, and put a hand on Simon's shoulder.

"Let us get away from this," he whispered, as if in profound mental agony.

Ignoring everything, he passed out of the impregnable Safe Deposit, with its flashing steel walls, on Simon's obedient arm.

In the Tea Room

Arrived on the ground-floor, Simon managed to avoid the busy parts of the establishment, but he happened to choose a way to Hugo's private lift which led past the service-door of the Hugo Grand Central Restaurant. And Hugo, altho apparently in a sort of terror, noticed it.

"Tea!" he ejaculated. "If I could have some at once!"

And he directed Simon into the restaurant, and so came plump upon one of the worst scenes in the entire place. The first day of the great annual sale was closing in almost a riot, and there in the restaurant the primal and savage instincts of the vast angry crowd were naturally to be seen in their crudest form. The famous walnut buffet, eighty feet in length, was besieged by an army of customers, chiefly women, who were competing for food in a manner which ignored even the rudiments of politeness. It would be difficult to deny that several scores of well-dressed ladies, robbed of their self-possession and their lunch by delays and vexations and impositions in the departments, were actually fighting for food. The girls behind the buffet remained nobly at their posts, but the situation had outgrown their experience. Every now and then a crash of crockery or crystal was heard over the din of shrill voices, and occasionally a loud protest. Away from the buffet, on the fine floor of the restaurant, a few waitresses hurried distracted and aimless between the tables at which sat irate and scandalized persons who firmly believed themselves to be dying of hunger.

"Don't Leave Me"

A number of people were most obviously stealing food, not merely from the sideboards, but from their fellows. At a table near to the corner in which Hugo, shocked by the spectacle, had fallen limp into a chair, was seated an old, fierce man, who looked like a retired Indian judge, and who had somehow secured a cup of tea all to himself. A pretty young woman approached him, and deliberately snatched the cup from under his very nose—and without spilling a drop. The Indian judge sprang up, roared "Hussy!" and knocked the table over with a prodigious racket, then proceeded to pick the table up again.

"Is it like this everywhere?" asked Hugo of Shawn.

And Shawn nodded.

"I might have foreseen," Hugo murmured.

"I'll try to get you some tea, sir," Shawn said, with an attempt to be cheerful.

"Don't leave me," begged Hugo, like a sick child. "Don't leave me."

"Only for a moment, sir," said Shawn, departing.

Hugo felt that he was about to swoon, that he had suffered just as much as a man could suffer, and that Fate was dropping the last straw on the camel's back. His head fell forward. He was beaten for that day by too many mysteries and too many tortures. And then he observed that the pretty young woman who had stolen the cup of tea from the Indian judge was hastening toward him with the cup of tea in one hand and several pieces of bread-and-butter in the other.

"Drink this, Mr. Hugo," she whispered, standing over him. He hesitated. "Drink it, I say, or must I throw it over you?"

He sipped, and sipped again, obediently.

"Good, isn't it?" she questioned.

He looked up at her. He was stronger already.

"It's very good," he said, with conviction. "Now a bit of bread and butter. Thanks." Yes, the excellence and power of the Hugo tea was not to be denied, and he was deeply glad in that moment that he owned his private plantations in Ceylon. "Who are you, may I ask?" he demanded of his rescuer.

"If you please, sir, I'm Albert's wife."

"Albert?"

"Albert Shawn, your detective, sir."

"Of course you are!"

"You gave us a bedroom suite for a wedding present, sir."

"Of course I did! By the way, where's Albert?"

"He's had an accident to his foot, and couldn't come today. You're less pale than you were, sir. Take this other piece."

A Low Respect for Males

Then Simon returned, empty-handed, and Lily's eye indicated to him her real opinion of the value of a male in a crisis. She asked no questions concerning the events which had ended in Hugo's collapse. She merely dealt with the collapse, and in the intervals of dealing with it she explained to Simon how she had waited and waited in the dome, and then descended and tried in vain to enter the Safe Deposit, and been insulted by the messenger-boy, and had finally drifted to the restaurant where she had caught sight of Hugo and himself, and guessed immediately that something in the highest degree unusual had occurred.

"Come," said Hugo at last, in curt command, "I am better."

He had recovered. He was Hugo again. And Simon was once more nothing but his body servant, and Lily nothing but an ex-waitress who had married rather well. He thanked Lily, and told her to go and look after her husband as well as she had looked after him.

In the dome Simon ventured to show him the Evening Herald. And, having read it, Hugo nodded his head and pressed his lips together. He had ordered champagne and sand-

(Continued on Page 13)



5 Special Grades
of Empire Tractor Oil
for exact lubrication

Tractors, like automobiles, are finicky. Give them the WRONG GRADE of lubricating oil—either too light or too heavy—and they soon begin to go bad and cause trouble. But give them the RIGHT GRADE of good oil and they'll run day in and day out without a murmur.

With FIVE Special Grades of Cities Service-Empire Tractor Oils, there's a grade for YOUR type of tractor, no matter what type it is. Not only the RIGHT GRADE, or body, but made from Mid-Continent PARAFFIN BASE crude for unusual heat resistance. Cities Service Oil station men, truck drivers and dealers are equipped to GIVE YOU the RIGHT GRADE for YOUR MOTOR. Get it—watch it prove its special fitness for YOUR tractor—then you can always be sure of getting the same high quality by depending on the Cities Service-Empire brand shown here.

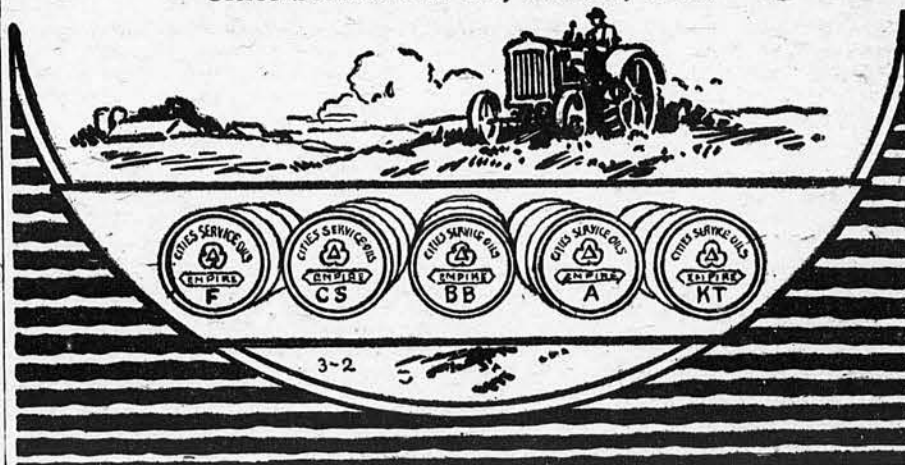
Cities Service Oils are sold in nearly all Kansas and Colorado communities. But if you are unable to get them conveniently, write our nearest office now.

CREW LEVICK COMPANY

Subsidiary Cities Service Company

Topeka, Kansas

or
Cities Service Oil Co., Denver, Colo.



Where the Water Lilies Bloom

ON THE farm of Jacob Smith, who lives 6 miles south of Paola, is a pond covered every summer with a wonderful growth of water lilies. It covers about 1 acre. The pond is especially beautiful when the flowers are in bloom. Conditions favor a very vigorous growth of the lilies and they add to the attractiveness of the landscape.



Water Lilies on the Farm of Jacob Smith, Who Lives 6 Miles South of Paola; This Picture Was Taken Late in August Last Year

Farm Organization Notes

Dates for the Santa Fe's Safe Farming Train in Kansas Will be June 4 to June 9

BY OUR RURAL CORRESPONDENTS

THE SANTA FE Railroad Company will run its Safe Farming Special train over certain parts of its line in Kansas, June 4 to June 9, in co-operation with Kansas State Agricultural College and the Southwestern Wheat Improvement Association. This train will be operated on the same plan as that of the "Cow, Sow and Hen Special" train last year. The railroad company will bear all expenses and the college will provide the speakers and demonstration material.

Stops will be made at 31 stations, not included in the tour last year. The following stations will be visited: Wellington, Argonia, Harper, Anthony, Attica, Kiowa, Medicine Lodge, Coldwater, Protection, Ashland, Englewood, Belvidere, Coats, Sawyer, Nashville, Rago, Cimarron, Ingalls, Pierceville, Garden City, Scott City, Dighton, Beeler, Ness City, Alexander, Rush Center, Jetmore, Colony, Burdett, Sanford and Pawnee.

The importance and value of cattle, hogs, sheep and poultry will be stressed by speakers. The place of wheat in a diversified farming scheme will be defined. The Santa Fe ran a Cow, Sow and Hen train in Texas during March. A "diversification special" will be run in Oklahoma, May 14 to 19 in co-operation with the Oklahoma Agricultural and Mechanical College. Later in the summer a similar train will likely be run in New Mexico. J. F. Jarrell, agricultural agent for the road, will have charge of the train in Kansas.

Ness County Hears Umlberger

At the annual meeting of the Ness county Farm Bureau held recently, Harry Umlberger, head of the state extension service and Ralph Snyder, president of the Kansas State Farm Bureau, told a large group of farmers some interesting facts about co-operative work.

Dean Umlberger pointed out many pitfalls to be avoided by establishing new methods advocated by the college extension and farm bureau. It was shown with startling evidence that counties which established a blind policy of eliminating expenses involved in such services had been seriously handicapped.

Annual Holstein Meeting

Breeders of Holsteins will gather at Cleveland, Ohio, on June 6 for the 38th annual meeting of The Holstein-Friesian Association of America. A national co-operative sale of purebred

Holsteins conducted by the Ohio State Association will follow the meeting.

The association has a membership of 23,000 breeders and has registered more than a million purebred cattle. A total of 95,000 cows have been officially or semi-officially tested for production of milk and butterfat, and have passed the required production for their age and length of test to be admitted to Advanced Registry. By having four or more daughters in the Advanced Registry, 6500 bulls have been recorded in the Advanced Registry year-books. Last year 405 new members were added, and 20,272 animals were registered.

Dairy Products in Ellis

Dairy products in Ellis county, according to E. A. Herr, the county agent, have a value of 2.8 per cent of the field crops. The dairy products of Kansas represent 10 per cent the value of the total field crop value. In other words Ellis county is 7.2 per cent below the state average in dairy production.

In 1920 dairy products sold in Ellis county totaled \$225,391.53, more than 50 per cent of the value of listed dairy cows in the county. If all farm enterprises paid an equal dividend, it would be a different story than the one being heard thruout the country now.

Farmers to Keep Accounts

One hundred and twenty farmers in the Mahaska, Dewey, Linn, Lonetree, Banner and Bismarck communities, according to County Agent John V. Hepler, are keeping farm account books, and belong to the community farm accounts club which meets once a month. Timely farm topics are discussed by local men. The program for the month of April consisted of a discussion on farm management and crop rotations. At the May meetings the discussion will be on pastures, dealing with the livestock unit. How many acres a livestock unit should there be in the average farm and what methods should be used to insure better pastures? Notes on these subjects are provided for each member of the farm accounts club. These notes thruout the year are strictly up-to-date, and are the best material on the subject that is available at the Kansas State Agricultural College.

An Akron manufacturer is providing university educations to high school boys and girls for just writing about good roads. What would he do for us if we built a few?

Big Times at Aggieville Fair

BY C. E. ROGERS

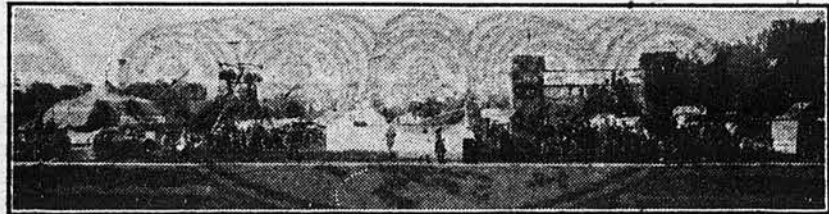
EDUCATIONAL exhibits will predominate in the annual Aggie Fair, put on by Kansas State Agricultural College students at Manhattan May 5, according to Percy Sims of Little River who is the manager. In the past entertainment features have predominated. These will not be wholly neglected but will simply be subordinated in the Fair this year, according to Mr. Sims.

The accompanying view of the Aggie Fair last year gives a good idea of its nature. It is a country fair in miniature. The exhibits are prepared and managed by agricultural students of the college. A Ferris wheel, a scenic railway, minstrel shows, side shows, and a parade are a few of the features promised by this year's Aggie Fair committee.

Miss Lucy Stallings of Morrilton, Ark., the only girl enrolled in agriculture in the college, will have charge of a fortune-telling booth.

Mr. Sims, the manager of the Aggie Fair, has a capable assistant in Burton Colburn of Manhattan, and chairman of committees on various problems, in conducting such an adventure involving a cash lay-out of several thousand dollars.

Announcements of winners, in the state high school judging contest will be made at the opening of the Aggie Fair. The competitions will take place on Thursday and Friday, May 3 and 4.



General View of the Aggieville Fair-Held at the Kansas State Agricultural College Last Year; About 1,000 Persons Attended

"Here's what I'll weigh when I eat these
KELLOGG'S CORN FLAKES"



Kellogg's Corn Flakes ring true with every member of the family because they are not only delicious in flavor and crispness, but because they satisfy hungry appetites.

It takes more than the annual crop of a 450-acre farm to supply the raw corn used in the "million packages a day" made in the Kellogg factories.

And another thing: Kellogg's Corn Flakes are ready to serve—no bothersome cooking and scraping afterwards!

Kellogg's are extra delicious with the family's favorite stewed fruit, and with bananas or other fresh fruits in season.

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

Kellogg's CORN FLAKES

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

Save Your Thresh Bill

Have the man who owns a Red River Special do your threshing this year.

He will save enough more of your grain and time to pay your thresh bill. The

Red River Special

with its "Man Behind the Gun" and the Beating Shakers separated by force.

It Beats the Grain Out of the straw and chaff like a man would with a pitchfork.

Buy the Junior to run with your little tractor.

Write for our free catalog telling how you can save your Thresh Bill

Nichols & Shepard Co.
(In Continuous Business Since 1848)

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

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A timely purchase of raw materials enables us to offer you a tremendous bargain in bright, brand new barb wire, heavily galvanized. Write for specifications and complete information now!

Get FREE Fence Book containing hundreds of bargains in fences, 164 styles of Fence and Gates at Wire Mill Prices now during Special 30-Day Sale. Write today!

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Easy to make more money from milk cows, beef cattle, hogs and chickens if you give them the proper amount of essential minerals. Our free book gives the secrets of success. Full of valuable feeding facts that will increase milk and egg yields; get cheaper gains and save you 10 to 20% on feed.

Mineral Meal

Supplies just the vital mineral elements your stock needs. Write today for our FREE Book and get on the road to bigger profits. The Mineral Meal Co. Dept. A Topeka, Kans.

Money In Baling Hay!



MEN WANTED! If you can invest a little money in a hay baler we will show you how to make more money than running a farm. Send your name today. KANSAS CITY HAY PRESS & TRACTOR COMPANY 911 West 4th Street Kansas City, Mo.

Colorado Farm News

Centennial State Plans for the Co-operative Shipping of Dairy Products to Markets

BY E. J. LEONARD

WESTERN-COLORADO is getting into the dairy game. Several creameries in that section have co-operated in marketing butter in carload lots. Delta, since January 1, has shipped five carloads of butter to Eastern markets. This has left around \$60,000 among the farmers of the two counties where most of the cream "grew." Colorado is a great mineral state but its hens produce more gold than do the gold mines. Some day the country may awaken to the fact that dairy headquarters in America will be moved from Wisconsin to the "Centennial" state. There will be some big dairy doings at Montrose in June.

The Service is Costly

According to the Colorado Farm Bureau News, of every 41 people engaged in gainful occupation, 29 are engaged in manufacturing, transportation and distribution of products. For every service of getting the product nearer the consumer that the farmer does not perform on his product, someone else must perform and is paid therefor. The fact that farm products are usually sold in small quantities by individual farmers, and the fact too that the farmer does not guarantee the quality, variety or delivery of the products are prime reasons why the farmer does not receive a larger part of the consumer's dollar.

Wealthy Sheep Man Passes On

In the passing of Nathan Lamborn, Colorado loses one of the widely known stockmen of the state. He was the most extensive sheep raiser and feeder in Morgan county for the last 15 years. Mr. Lamborn owned three large irrigated farms in the Weldon Valley. For a great many years he was the moving figure in the affairs of that rich farming district. He served several years as a director on the irrigation board and later helped to organize a drainage district. In this and other public affairs Mr. Lamborn was always found taking a very active and leading part. He moved to Fort Morgan in 1911 where he died April 11, 1923.

Is Pickle Center Also

Rocky Ford of melon fame, has also earned the title as the pickle center of the United States. More cucumbers are produced in that part of the Arkansas Valley than in any other section of the country. D. V. Burrell, a seedsman of that locality operating several large farms near there, is reported to have grown half of the cucumber seed produced in the world a year or two ago. He is also growing a large acreage of watermelons, and cantaloupes this season.

Reduction of Cabbage Acres

Cabbage acreage in Colorado will probably be reduced 25 per cent. It is estimated that 5,000 acres will be planted this year. In 1922 there were 7,500 acres. This was nearly double the normal acreage. That surplus had a bad effect on the market. It was the same with potatoes. Northern Colorado is the third largest cabbage producing district in the United States. Since New York and Wisconsin growers are planning a reduction it is hoped prices this year will be more favorable.

Playing Politics

Governor Sweet and the legislature have clashed on the major legislation. The legislature balked on passing Mr. Sweet's pet "administrative code" bill. Instead they passed the Lambert bill to fulfill reform political pledges. It was the Governor's turn so he vetoed this measure. This playing politics doesn't get very far. The same old wasteful methods will go on, the politicians will pass the buck and the taxpayers for at least two more years will continue to foot the bills.

For More and Better Livestock

The Larimer County Purebred Breeders' Association had a real time at their annual meeting and banquet held recently in Loveland. Many speakers were brought in from the outside

including Ex-Governor Ammons, Dave Thomas and Earl Reed. Several representatives of the Kansas State Agricultural College had places on program. The association will continue to devote much of its activity in promoting calf and pig clubs among the boys and girls. The members of the association hope to get all farmers to see the necessity of having livestock as the basis of operations on every farm. More frequent meetings and a campaign for the desired results will be put on during the coming season.

The Biggest Harvest

According to reports the largest crop harvested in the United States last year amounted to more than 3 billion dollars. Most of this was a real cash crop collected by the army of burglars, robbers, confidence men, and other crooks who are taking dishonest meth-

ods of making their fortunes. Colorado has had its share of these industrious appropriators. The longest and most famous trial of 20 "bunko men" closed recently in Denver. It resulted in the conviction of all defendants. This gang of swindlers had headquarters in Denver but operated in many large cities all over the country. They admitted obtaining about \$400,000 last year. This bunch was very wealthy, that is, the leaders were and were among the "respectable" folks who forget to pay income taxes and taxes for state and local purposes. While they fleeced a farmer occasionally, most of the "lambs" sheared were real business men with big bank accounts. As the bunch is rich they are appealing to the Supreme Court. Justice often goes to the man with a big bank account, but it may fall in this case.

Where Surplus Potatoes Went

More than 8,000 sacks of potatoes were fed to hogs during the last few months at the Magraw Ranch near Montrose. The results seem to have been very satisfactory. Most of the potatoes were bought from the cellars of local farmers at 5 cents a sack. In some instances they were given away.

Free Booklets on Farm Sanitation

telling how to prevent diseases common to livestock and poultry and describing in detail the use of

KRESO DIP No. 1
(STANDARDIZED)

Parasiticide and Disinfectant

No. 151. Farm Sanitation.
No. 160. Hog Diseases.
No. 163. Care of Poultry.
No. 185. How to Build a Hog Wallow.

Kreso Dip No. 1 in original packages is sold at all drug stores.

ANIMAL INDUSTRY DEPARTMENT OF
Parke, Davis & Company
DETROIT, MICH.

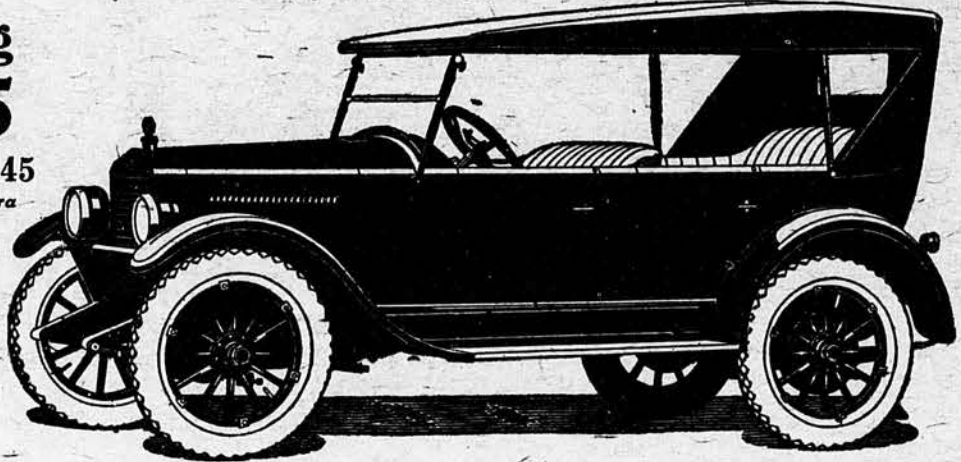
KITSELMAN FENCE
"I Saved One-half," says Clem Hawkins, Edward, Kans. You, too, can save. We Pay the Freight. Write for Free Catalog of Farm, Poultry, Lawn Fence. KITSELMAN BROS. Dept. 61 MUNCIE, IND.

ESSEX

Built by HUDSON

Touring
\$1045

Cabriolet \$1145
Freight and Tax Extra



Essex Stays Young

Because of Hidden Values

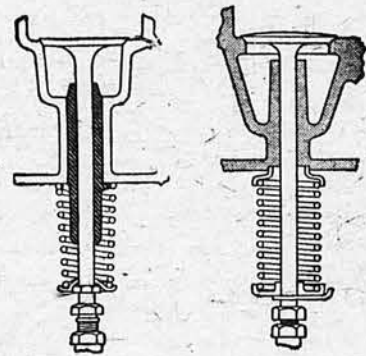
In Essex particular attention is bestowed on hidden values.

Finest roller bearings are used throughout, where commonly bushings are used. For weight carried the frame is the sturdiest built, save one. European and American experts call its chassis the finest of its size.

Easily made adjustments keep the car snug and free of noise. Essex design and construction minimize service needs, and account for its remarkable acknowledgment among owners as a long-life car.

Essex cars that have seen 50,000 and 60,000 miles of service are today as dependable as when new. And they continue the economy of their first cost in years of reliable service.

Another Essex Feature Giving Low Maintenance Cost and Good Service



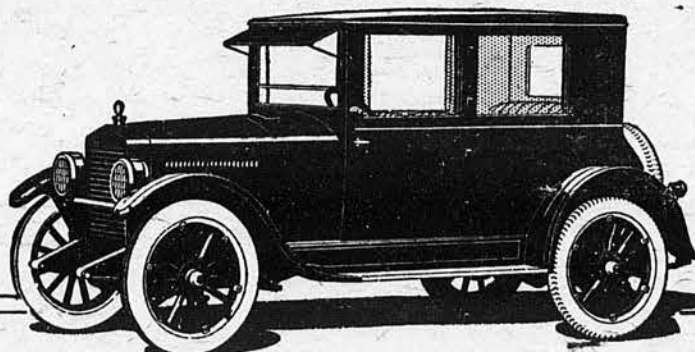
Essex removable valve guides (at left) are simple to replace when worn. Greater length gives perfect alignment. At Right, the ordinary type, not removable, can only be repaired by a costly, unsatisfactory operation.

The Coach

Built by Hudson

\$1145

Freight and Tax Extra



Hudson Prices

Speedster . . . \$1425
7-Pass. Phaeton 1475
Coach . . . 1525
Sedan . . . 2095
Freight and Tax Extra

Letters Fresh From the Field

FARMERS are urged to make free use of this page to discuss briefly any matter of general interest to rural communities. Address all letters intended for this purpose as early as possible to John W. Wilkinson, Farm Letter Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

France on Dangerous Grounds

France has started something in Germany that may involve the whole of Europe and not possibly the whole of the world in another dreadful war. Such a conflict would destroy the few remaining vestiges of civilization in Europe and would threaten the institutions of the free republics of every part of the world.

Whether we have the League of Nations or not there should be some way to prevent a military mad nation like France from destroying all that is most dear to all the balance of the civilized world. Peace can only come to mankind when armies are disbanded and navies are dismantled.

Gridley, Kan. Albert Meyer.

Europe's Farmers Striking

It is the Russian city resident who has starved the last 5 years. The farmer peasant had enough to eat. He did not produce more than that, for Lenin's army took the extra from him without payment. Travelers in Germany report that an egg a day is luxury to the average city man, while the farmer has half a dozen at a meal if he wants them.

In the last analysis, it is always the producer who eats. Two years ago Collier's Weekly said to the cities: "Give the farmer better treatment, for your own sakes if for no other reason. He will not keep on forever producing food at a loss. Some day he will strike, and your tables will be bare, while he will keep on eating."

T. L. McCutcheon.

Wichita, Kan.

Persuasive Power of Wealth

Steal a dollar—go to jail: Steal a hundred—go to prison. Steal a million—that's "high finance"—go to Palm Beach for the winter and Atlantic City for the summer.

In its everyday practical workings the law is a net that holds the little fish and lets the big ones wiggle loose and go free.

One man—the President—can veto the whole House and 65 per cent of the Senate, or the whole Senate and 65 per cent of the House.

One man in the United States Supreme Court can veto the whole Congress, 630 Senators and Representatives, and the President thrown in.

In a crisis, ours is a one-man government.

The persuasive power of great wealth is ever present and must be reckoned with in Government happenings.

Leona, Kan. F. A. Cogswell.

One Way to Find Out

How many of us have at one time or another, wished we had more education; knew how to draw; how to speak some foreign language; how to write. Some persons who read this have wished at some time, and to all probability still have that desire in their hearts, to know more of nature, in other words to know physics, chemistry and astronomy, and other subjects.

But many, like myself have felt that it was impossible for them to take the four or six-year college course necessary for acquiring this knowledge.

I had, of course seen the advertisements of correspondence courses offered by certain correspondence schools, but had felt that these courses were beyond my reach.

One day, quite by accident, I found out that our state schools all gave correspondence courses. I immediately wrote, inquiring about such kind of courses.

It was but a few days until I received a catalog of correspondence courses given by one of the best schools in the state. These courses covered every branch of learning, and could be taken for university credit by those with high school educations. And any one, whether with much previous education or not, could take the courses,

The charge was merely a nominal one, to cover the cost of mailing, and within the reach of any one of us.

Write to your state universities and agricultural colleges for information in regard to their correspondence courses. We pay taxes to support these schools, and they are ready and anxious to serve those who support them.

Osborne, Kan. D. N. Turner.

Two Million Dollars Lost

(Continued from Page 3)

rinse with boiling water for sterilizing. No wiping cloth of any kind should be permitted to come in contact with utensils after the scalding process. Sunlight is one of the best disinfectants, and when possible all utensils should be placed in good sunlight and pure air.

Skim a cream testing from 35 to 45 per cent. Cream of this richness keeps best and at the same time is not so sticky that it cannot be properly stirred and accurately tested. By skimming a rich cream, more skim milk is left at home for feed, and there is also smaller bulk on which to pay express charges.

Skim the milk as soon after milk-

ing as possible, and cool the cream at once. Low temperatures check the growth of bacteria which produce acid and sour the cream, and cream quickly cooled will keep sweet much longer than when it is permitted to cool gradually.

Keep the cans of cream in a cooling tank until time of delivery. A wooden tank can be made easily and inexpensively by any carpenter or farmer. This tank should be designed so the water, coming in is discharged near the bottom of the tank. In this way the warmer water is being displaced constantly, and flows out thru the overflow pipe near the top of the tank and on the side opposite the intake. Strips of wood or metal are provided in the bottom of the tank, on which the cream cans are placed, thus permitting complete circulation of the water under and around the cans.

Deliver the cream not less than three times a week during the summer and twice weekly during the winter months. Shipping a smaller can of higher quality cream every other day is more desirable and more satisfactory than bringing in a larger can of sour and low grade cream at longer intervals of time. Enroute to the creamery the cans of cream should be protected from the sun by covering with canvas or with a wet sack.

And finally, patronize a creamery that makes good butter, that appreciates fine quality cream, and one that is willing to pay a worth-while price for your better grade cream.

PAINT FROM FACTORY TO YOU
WE PAY THE FREIGHT

A Wonderful Paint Offer

Crosby EVER-WEAR Paints are guaranteed to the last drop. Twenty years of manufacturing experience and thousands of delighted customers are our strongest recommendations. Just now we are making a surprisingly liberal offer.

**HIGHEST QUALITY
LOWEST PRICES**

If any of your buildings need painting, write at once for our Free Paint Trial Offer. We will also send you our "Painting Guide", a valuable book containing many attractive color combinations and instructions for doing your own painting. Write today

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TRIAL OFFER AND PAINT GUIDE **FREE**



KILL POCKET GOPHERS

The Getsem Gun is a small shot gun specially made for killing gophers. It never misses. J. Crouder, Lawrence, Kansas, shot 23 gophers one afternoon with 3 guns. Send \$3.85 for one or \$11 for three. Absolutely guaranteed to satisfy or money refunded after ten days' trial. Order today; get circular.

GETSEM GUN CO., 811 E LINCOLN, NEB.
As soon as you have read this issue of Kansas Farmer and Mail and Breeze pass it along to your neighbor.

Nash Leads the World in Motor Car Value

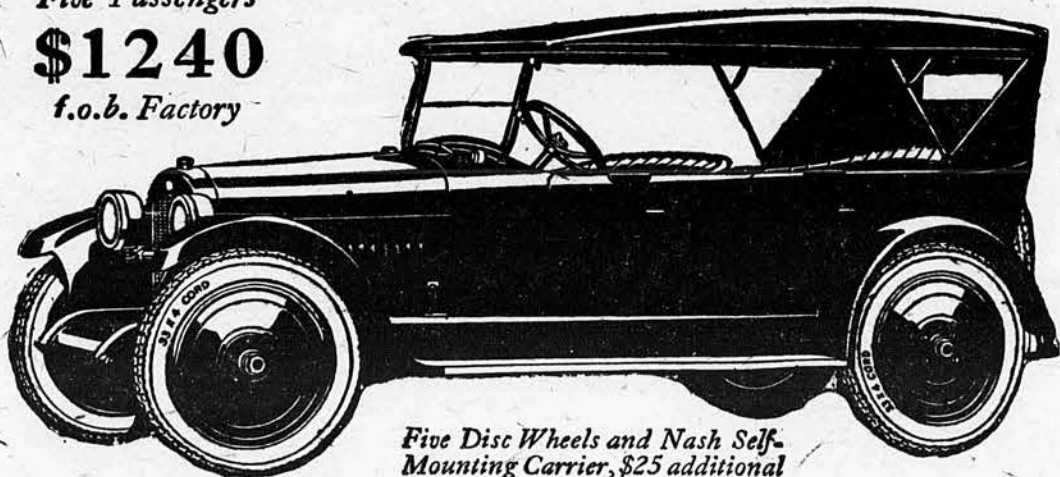
NASH

Six Touring Model

Five Passengers

\$1240

f.o.b. Factory



Five Disc Wheels and Nash Self-Mounting Carrier, \$25 additional

This Nash Six Touring model for five people was designed to serve farmers. It's a wonderful performer, with generous passenger capacity, built stoutly and solidly down to the last detail. Two stalwart cross-members of tubular type reinforce the rigidity of the frame. And Nash engineers have carried the motor and carburetor refinement to a point where the car comes close to the gasoline mileage of a four-cylinder model.

FOURS and SIXES

Prices range from \$915 to \$2190, f. o. b. factory

The Nash Motors Company, Kenosha, Wisconsin

Hugo Falls in Love

(Continued from Page 9)

wiches, and was consuming them, at the same time opening a series of yellow envelopes which lay on a table. These latter were reports from his detective corps, which had accumulated during the day.

"Get a sheet of plain paper," he said to Simon, "and write this letter. Are you ready? Yes, it will do in pencil; I even prefer it in pencil."

"Dear Sir,

"I have reason to think that you may be interested in some extraordinary information which I have in my possession concerning Camilla Tudor, who is supposed to have been buried at Brompton Cemetery in July last year. If I am right, perhaps you will accompany the bearer to my rooms. At present I will not disclose my name.

"Yours, etc."

"Put any initials you like. Address it to Louis Ravengar, Esquire. Now listen to me. Go down to the garage, and choose a good man to take the note instantly; a second man must go with him. If they bring back Ravengar, he is to be taken to No. 6, Blair Street, shown upstairs, and brought along the bridge-passage into the building. It will be quite dark, and he will never guess. If necessary, he must be brought to me by force, once he is inside. Have two or three porters in attendance to see to that. But if it's managed properly, he'll come without a suspicion, and he'll be finely surprised when he finds that the long passage ends in just this room. Come back to me as soon as you've attended to that."

In Command Once More

"Yes, sir," said Simon, quite mystified, but none the less enchanted to see Hugo so actively the old Hugo.

In ten minutes he had returned, and was begging to relate new facts which he had learnt while downstairs.

"Stop!" said Hugo. "Don't worry me with needless details. I know enough. And don't ask me any questions. We can't hope to remedy the state of affairs today. Nevertheless, we can do something for tomorrow. I must have Mr. Bentley, the drapery manager, brought here before six o'clock. He must be found."

"He is found, sir. He has shot himself in his house in Pimlico Road."

Hugo twitched very nervously. "Ah!" was all he said at first. He added dryly: "Good! And Brown?"

"I have no news of him, sir. He's vanished."

"Telephone down to the press department that Mr. Aked must come up to see me at seven o'clock precisely, and, in the meantime, he must secure an extra half-page in all tomorrow's papers."

"Yes, sir."

"And after closing-time the entire staff must assemble, the men in the carpet-rooms, and the women in the central restaurant—or what's left of it. I shall speak to them. Have notices put in the common-rooms."

"Yes, sir."

"And send me all the buyers from the drapery department. They must go round and buy every silvered fox-stole in London tonight, at no matter what price."

"Certainly, sir."

"And telephone to Y. Z. that I shall be down there as soon as I can about these things."

He touched the pile of yellow envelopes. "Y. Z. was the name always given to the detectives' private room."

"Precisely, sir."

"That's all."

Simon Shawn gathered that his master had a very definite clue to the origin of the unique and fatal events of that day, and that all dark places were about to be made light with a blinding light.

Ravengar in Captivity

"Ravengar, what a fool you are!"

The dome was in darkness. Hugo, who stood concealed near the switch, turned on all the lights as soon as he had uttered this singular greeting, and stepped forward. He had decided to kill Ravengar. The desire to murder was in his heart, and in order to give all his instincts full play he had chosen a theatrical method of welcoming his victim into the fastness from which he was never to escape.

"D—n" exclaimed Ravengar, evidently astounded to the utmost to find himself in Hugo's dome, and in the presence of Hugo.

He sprang back to the door of the dressing-room by which he had so unsuspectingly entered.

"What a fool you are to fall into a trap so simple! No; don't try to get away. You can't. That door is locked now. And, moreover, I have a revolver here, and also a pair of

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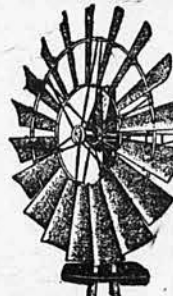
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handcuffs, which I shall use if I have any trouble with you."

Ravengar gazed at his captor, irresolute. His clean-shaven upper lip seemed longer than ever, and his short gray beard and gray locks gave him an appearance of sanctimony which not even his sinister eyes could destroy. Then he sat down on a chair.

"I should like to know—" he began, trying to speak steadily.

"You would like to know," Hugo took him up, "why I am here alive, instead of being in that vault, suffocated. It was a pretty dodge of yours to get me down there. You counted on my curiosity about the Tudor mystery. You felt sure I should yield to the temptation. And I did yield. You were right. I was prepared to commit a breach of faith in order to satisfy that curiosity. No sooner was the door closed on me by that scoundrel Brown, and I found the vault not Polycarp's vault at all, than I knew to a certainty that you were at the bottom of the affair. So easy to make out afterward that it was an accident! So easy to spirit Brown away! So easy to explain everything! Why, Ravengar, you intended to murder me! I saw the whole scheme in a flash. You have corrupted many of my servants today. But you didn't corrupt all of them. And because you didn't, because you couldn't, I am alive. You would like to know how I got out. But you will never know, Ravengar. You will die without knowing."

A Good Actor

Ravengar put his hands in his pockets.

"I can only assume that you are going mad, Owen," said he. "I have long guessed that you were. Nothing else will explain this extraordinary action of yours toward me."

"You act well," replied Hugo, sitting down and eyeing Ravengar critically. "You act well. But you gave the whole show away by the tone in which you swore two minutes ago. If there is anyone mad in this room, it is yourself. Your schemes show that queer mixture of amazing ingenuity and amazing folly which is characteristic of madmen. Let us hope you are mad, at any rate."

"My schemes!" sneered Ravengar. "You might at least tell the madman what his schemes are."

Hugo laughed. "You must have been maturing the day's business quite a long time, my boyhood's companion, my floater of public companies, my pearl of financiers. Yes, decidedly, parts of it were wonderfully ingenious. To sow the place with pickpockets, to get at my cashiers, my commissionaires, and my servers. To substitute your own false shopwalkers for the genuine article. To arrange for the arrest of important customers on preposterous charges of theft. To lock up a hundred women in a gallery till they nearly died. To have my best and most advertised bargains removed in the night. To deprive the restaurants of food, and to employ women to turn them upside down. To produce, as you contrived to do, a general air of pandemonium, and to ruin the discipline of over three thousand of the best-trained employes in England."

"All this, and much else which I do not mention, was devilish clever in its conception, and the execution of it commands my unqualified admiration. Especially having regard to the fact that you contrived not to arouse my suspicions. I may tell you that certain strange incidents which occurred in my establishment during the autumn did indeed lead me vaguely to suspect that you were at work against me, but you were sufficiently smart to put me off the track again. Let me add that until this afternoon I did not perceive that your purchase of a controlling share in the Evening Herald was only a portion of a mightier plan."

"Really, Owen—" "Don't waste your breath in denials. You will have none at all presently, like Bentley."

"Bentley?" repeated Ravengar, with a slight movement.

Where Would it End?

"Yes; but we will come to Bentley in a few minutes. I have enlarged to you on your own cleverness. I must enlarge to you on your folly. What folly! What was the end of all this to be, Ravengar? I have tried to put myself in your place, and to follow your thoughts. You hate me. You

think I robbed you of a fortune, and that I helped to rob you of a woman. You wished to buy my business, and add it to the roll of your companies. And I deprived you of that triumph. Your hatred of me grew and grew. Leading a solitary and narrow life, you allowed it to develop into a species of monomania. I had come out on top once too often for your peace of mind. In your opinion the world was too small to hold both of us. Accordingly, you evolved your terrific campaign. My business was to be seriously damaged. And I was to be murdered. And then you were to get the concern cheap from my executors, and to float me dead since you could not float me living. What folly, Ravengar! What stupendous folly! Even if the fanciful and grotesque scheme had succeeded as far as my death, it could not have succeeded beyond that point."

Hate Will Breed Hate

"I don't know what you are chattering about, Owen, but you look as if you expected me to ask, 'Why?' Anything to oblige you. Why?"

"You would have known the reason had you lived long enough to read the provisions of my will," said Hugo.

"I see," said Ravengar.

"You do," said Hugo. "You see, you hear, you breathe, but Bentley doesn't. Bentley has killed himself." (Ravengar started.) "So that if you have not my blood on your conscience, you have his. You tempted him; he fell . . . and he has repented. Admit that you tempted him!"

Ravengar smiled superiorly. And

then Hugo sprang forward in a sudden overmastering passion.

"Hate breeds hate," he cried, "and I have learnt from you how to hate. Admit that you have tried to ruin and to murder me, or, by G—! I will kill you sooner than I intended."

He had no weapon in his hands; the revolver was in a drawer; but nevertheless Ravengar shrank from those menacing hands.

"Look here, Hugo—"

"Will you admit it? Or shall I have to—"

Their wills met in a supreme conflict.

"Oh, very well, then," muttered Ravengar.

The conflict was over.

Hugo returned to his chair.

"Miserable cur!" he exclaimed. "You were afraid of me. I knew I could frighten you. I would like to be able to admire something more than ingenuity. Ravengar, I do believe I could have forgiven your attempt to murder me if it had not included an attempt to dishonor me at the same time. There is something simple and grand about a straightforward murder—I shall prove to you soon that I do not always regard murder as a crime—but to murder a man amid circumstances of shame, to finish him off while making him look a fool—that is the act of a—of a Ravengar."

Ravengar yawned and glanced at his watch.

"It's nearly my dinner-time," said he.

(TO BE CONTINUED.)

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Gray hitches vastly multiply Gray value. This diagram shows the simplicity and economy of harrowing and seeding at one operation with the Gray.

Capper Pig Club News

Individual Efforts of Each Member Determine Which Shall Win—Profit or Loss, Thrift or Defeat

BY RAYMOND H. GILKESON
Club Manager

MORE than \$10,000 worth of pure-bred sows have been entered in the Capper Pig Club contest for 1923. The average valuation is about \$47 a sow, and the average weight is 320 pounds. It is interesting to know in connection with this that the average number of pigs saved out of each litter is about eight. With such a good start, club members surely should make some money on their investments this year.

Raising a Ton Litter

All club members assert that they are going to do their best to make a success of their work. Laverne Renner, Jewell county, for example goes far enough to set a goal that he will strive to attain. I turn to his letter again to read, "Just a word as to my goal for this year—a ton litter." Laverne is working with Spotted Poland. His contest sow this year is a daughter of the sow he entered in



Laverne Renner's Spotted Poland

the contest during 1922. The picture with this story shows this year's contest entry a short time before she farrowed. Eight pigs arrived and all saved, you remember.

First Bulletin Review

A Sherman county club member has the distinction of being the first person to send a written review to the club manager. Loyd Caldwell turned in a very interesting write-up of the things he learned by reading "Swine Management." The pep contest is on "full swing," and all these good points should not go unearned.

What One Member Has Done

"I'm still alive and on the job," writes Raymond Hoglund, McPherson county. "I surely wish you could see my lucky eight. They actually weigh an average of 18 pounds apiece. I've had a month of fun with my pigs and like them better than ever. My father asked me whether I was going to move in and live with the pigs, because I stay with them so much. It surely is a pleasure to own purebreds. I've fed 2 bushels of corn, 150 pounds of shorts, 30 pounds of tankage, and 1/2 bushel of oats. I feed the concentrates in a slop form. I made a self-feeder for my pigs which I placed in a creep. The pigs eat lots of feed now. I have a 2-acre piece for pasture. I planted half to oats, and later on will plant the other to 'Sudan grass.'"

Help Profit Win

Competition meets us face to face wherever we are. Perhaps you haven't recognized the many kinds of competition you meet daily. Have you ever had a duty to perform and at the same time had something along the pleasure line you wished to do instead? Right there is competition between duty and selfishness. Again you might be "too tired" to feed the pigs on time. That is competition between thrift and laziness. The whole, big business of raising purebreds is competition between profit and loss, and it's up to you which side wins. If you do your work promptly, keep at it diligently and let a smiling face show that you do it willingly, then you may expect profit to win.

Talk About Feed Reports

First feed reports are due by May 10. These reports include costs for all the feed consumed by contest sows and pigs from the time they were entered in the contest up to May 1. Hereafter each club member will receive a feed report at the end of each month. For example, the report for May will be sent out the latter part

of May, and will be due at the club manager's desk by June 10.

You'll be glad to know that Loyd Caldwell has two male and three female pigs to help his records make a good showing. Loyd is a Sherman county member. Laurence Vanderlip, Rooks county, has six pigs. One died out of the litter his sow brought. Horace Sly, Morris county, writes "My sow, Miss Midget, farrowed nine pigs and lost only one." Roger Buchanan, Dickinson county has pigs—two and two. Kenneth Anderson, Cowley county, was up all night taking care of the pigs his sow brought, and as a result saved eight out of nine. Wilbur Cratty and Samuel Marston are Dickinson county members. They also belong to the "Chapman Spotted Poland China Pig Club," which is managed by W. N. Wilkins. Wilbur thinks his sow has a good producing future. She saved seven out of eight—this being her first litter. Samuel is just as enthusiastic over the record made by his sow—saved the eight she farrowed.

Vernon Darling, also of Dickinson, feels quite fortunate to have six con-

test helpers. Kenneth Fountain is another member who worked all night. He helped "profit" win to this extent: His sow farrowed 11 pigs, and all are alive—five males and six females. Robert Taylor, Gray county, reports just one less than Kenneth. Eight males and two females farrowed and all saved. "Elephant May," that's Ernest Thompson's sow, farrowed nine and saved five. Gerald Peck speaks for Rice county in terms of six sows and three boars farrowed and all O. K. to date.

Need Help on Tires?

If you'd like to know something more about your automobile tires, just send your name and address along with a 2-cent postage stamp to the farm engineering editor of the Kansas Farmer and Mail and Breeze, Topeka, Kan., and he will send you a pamphlet on the care and upkeep of rubber tires absolutely free of charge.

It will tell you how to make repairs of various kinds and it also tells you how much air you should have in tires of various sizes. Send for this pamphlet today. All it costs you is the postage, and it's all good information.

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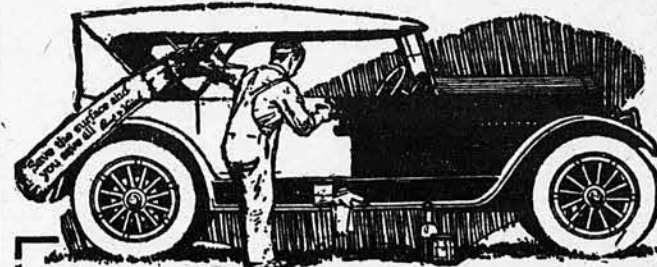
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Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

MOST every woman has a dark suit stowed away—one that she wishes to make over that more wear may be had from material, still good. If the suit is the plain button-up-the-front, semi-tailored type she should have no difficulty this season.

The coat may have the lining removed, turned (if a shine persists after cleaning) and pressed. The collar may be taken off and the coat cut so that a straight line is formed from the sides of the neck to the hem. It then may be faced or hemmed or bound all the way around, including the neck with braid. If the sleeves are long and tight it is best to leave them so for a

three-quarter sleeve that is not rather wide is just a little awkward. The cuffs may be bound in the braid, also. With the addition of a fresh little collar or one made from the discarded front section of the coat your jacket is ready to slip on.

The skirt may present a little difficulty as there is always so much more wear upon this part of the suit than upon the coat. However, after a good cleaning and turning (if you turn the jacket the skirt should be turned also on account of the weave differing inside and out and also because of a certain amount of fading that always comes with wear) and pressing around and around you will probably find you have ample goods to let down from the waist line (the natural one) and attach to the figured blouse.

Paisley Blouses are Attractive

This blouse may be made of the Paisley silks that are so popular this season. While it may be made to fasten there is a lot of comfort in a dress that may be simply slipped on over the head. Your preference may run either to the butterfly or the waist with the set-in sleeve. Choose the one most comfortable. The waist may be finished with two 1½ inch tucks and the skirt attached underneath the lower one. The neck may be bound with the suit material or hemmed about the neck and the three-quarter sleeves. If plain silk is used for the waist it may be embroidered in dainty contrast to the suit material.

The School of Good Manners

Among the many disadvantages supposedly pertaining to life in the country, some bright spots of opportunity appear. For instance, one of the best things possible for children is that they begin in earliest childhood to acquire those graces and habits which mean so much in later life.

In the country mothers and children are very much together. The nature of both our work and our pleasures contributes to this. From no social gatherings are children barred. When and where we go, they go. In self-defense if for no other reason, we must teach them the uses of that "tool which opens the door to present as well as future social happiness." The mother of ill-bred children is not a desirable member of country "society."

Of course, our pleasures are very ordinary, our meetings very informal. But wherever there is any sort of human intercourse, the rules recognized the world over as good form may be put into practice.

It is a custom in my community for families to take turns entertaining one another. Often, as many as three families are invited together to take dinner and spend an afternoon in music and conversation. Since our families

number from two to seven children each, one can imagine the discomfort that would result, especially when all must be indoors, were the little folks rude and boisterous.

But at home, properly the school of good manners, we have taught them self-restraint and to regard the rights and feelings of others.

Uma Mack.

An Easily Handled Sprayer

A sprayer to be convenient for garden use should be ready without any fuss and easily handled so it can be carried while spraying. The 3-gallon compressed air sprayer fills the bill and when you have used a good one awhile you will wonder how you ever got along without it. It is equally as useful for spraying the henhouse.

The compressed air sprayer is light enough that when 2 gallons of solution is mixed and put in it you can fasten down the top and pump until it pumps pretty hard, seldom over a dozen strokes, throw the strap over your shoulder and turn on the nozzle. You shake up the solution as you walk and send the spray just where you want it. With a nozzle that is on a goose-neck or itself throws a stream to the side you can spray the under side of the leaves and in among the



TWO little brothers of Western Kansas are a living demonstration of the effects of foods on growth. There is 15 months difference in their ages but about three years difference in their growth. The big brother likes milk and eggs, fruits and vegetables and has no trouble getting enough of the vitamins and minerals necessary to make boys grow big and strong. The little boy doesn't like them and so lives principally on foods which contain starch and sugar and fat, and furnish energy but are not particularly useful for growth. Jessie Gertrude Ade.

tops, making the application much more effective than with the ordinary spraying.

Where a machine must be prepared for work or a lot of solutions mixed up we are likely to neglect it. With this sprayer a ready mixed Bordeaux mixture or poison can be mixed in any proportion and your sprayer filled and the work done in a few minutes. Blow out all the solution and your sprayer needs only a little clear water run thru it to be set away ready to use again. Bertha Alzada.

How to Arrange the Garden

The taller flowers should be chosen for a background, and those of lower growth for the foreground. My own old-fashioned garden has a long row of tall hollyhocks at the back; These begin with white, and blend thru cream color to the faintest pink and on thru the pink shades to the deepest

rose, then to reds, until one of a wine color so deep that it is almost black, finishes the line, and makes an effect that is very pleasing.

In line with these, is a feathery smoke bush, a lilac, a tall clump of golden glow, and a horse mint, with its delicate lavender blossoms. This last I dug up from the prairie and transplanted, because I wanted just that bit of color. This long row of taller plants are the background for the others, and hide a very unattractive old board fence.

One should be careful in planting that colors which blend come next each other, and not those which clash. I once saw a garden whose effect was almost spoiled, because a bed of splendid Oriental poppies, brick red in color, had been placed next a bed of very pink zinnias; all flowers are beautiful, but they are not all beautiful placed next to each other, and since there are those that blend, and make a pleasing effect, why not make it a part of our garden plan to plant with some idea of blending shades.

A Choice of Arrangement

If the garden is to be made up of distinct beds, it is pleasing to have each bed made of a certain kind of flower. This is like the old time gardens, but landscape gardeners do not encourage this arrangement. They advise a judicious planting of flowers in groups, and in irregular beds. Neither do they like the beds bordered all around, as our grandmothers used to plant them, by dwarf iris, sweet alyssum, or lobelias. Despite this fact, I have some beds bordered by dwarf iris, and I think these are my favorite beds.

After all, half the joy of a garden is planting it to suit one's self, and learning by experience.

Anna Deming Gray.

Do You Like

Crackers dotted with grated cheese and put in the oven long enough to melt the cheese and toast the crackers?

Apples baked with sorghum over them instead of sugar?

Fried apples? Try this: Cut out spots and cores, and if the apples are good, leave the skins on. Boil a few minutes with a little sugar and a lump of butter. After you have fried smoked ham, take out the meat and put the apples in the grease. Cook to a brown.

Cold boiled potatoes, diced and warmed in rich milk or cream and seasoned with salt, pepper and butter instead of the ordinary fried potatoes for supper?

Nutmeg in white cake?

Cinnamon sprinkled on buttered toast?

How to Make a Fireless Cooker

A farm woman of Leavenworth county has finished and is using a fireless cooker that cost little in time, labor or money. Most of the materials were found in the home, decreasing the cost of making.

For her outside container she used a wooden cheese box that measured approximately 16 inches across and 20 inches deep. Her insulating packing was excelsior and the cooking well was a galvanized 10-quart pail with a tin cover. The material for the cushion was denim. This list completed the required material for the homemade cooker: 1 cheese box, found at home; excelsior for packing, found at home; 1 yard asbestos sheeting, 15 cents; one 10-quart galvanized pail, 25 cents; 1 tin cover, 10 cents; 1 yard denim, 30 cents; 1 can white paint, 15 cents; 1 can white enamel, 15 cents; 1 large piece of cardboard, found at home; 6 yards gummed linen art tape.

The cheese box was packed 3 inches deep with excelsior, then the pail wrapped with three thicknesses of the asbestos sheeting and three thicknesses on the bottom of the pail as well. The well thus wrapped was placed on top of the packing in the

center of the box. The asbestos can be made to adhere to the pail by using a little homemade paste. Around this pail was packed the excelsior. This formed a packing 3 inches wide between the pail and the box, extending to the top of the pail.

Around the pail and acting as a cover to the packing was a collar of the heavy cardboard. This was cut large enough so that it extended up the side

THE desire of power in excess caused angels to fall; the desire of knowledge in excess caused man to fall; but in charity is no excess, neither can man or angels come into danger by it.—Bacon.

of the box 1 inch. All the way around small tacks held this in place. This extension up the inside of the box was then neatly covered with the adhesive linen tape. Also, as the outer edge of the box was not very smooth, tape was used to cover the ugliness. When this had been neatly covered, the whole box was painted.

Soapstone Holds the Heat

The cushion of denim was filled with excelsior, and was deep enough to fill the box closely. A wooden cover is used which also is painted white to go over the whole box when completed. In this inexpensive cooker this housewife is able to cook meats, vegetables and cereals with little fuel. By the assistance of a heated plate of soapstone, iron or steel placed at the bottom of the pail, she can hasten her cooking, the asbestos sheeting protecting her excelsior from the increased heat.

When we can make home conveniences at such little expense that will aid us so materially in our home problems, it is worth while to add them to our equipment.

Meade County Women Make Hats

The women of Meade county believe it pays to make their own hats. Thirteen enthusiastic women came from all parts of the county to attend a training class held in Meade recently, under the direction of L. Maude Finley, specialist in clothing and textiles in the extension division of the Kansas State Agricultural College.

Thirteen hats were made, 11 of which were new and two were remodeled. The cost of material ranged from 45 cents to \$5.19.

This was a training class and each member who enrolled agreed to help 10 other women make or remodel hats. The first two days were spent in dis-



cussing colors, styles, materials and trimmings, in making crowns and patterns for brims and in planning the hats. Each woman made a buckram brim and covered a buckram shape with outing. This "practice hat" will be used by the local women in their classes to show the different steps in covering buckram shapes. The last two days were spent in making the hats.

So eager were these women to learn the art of making hats, that they were willing to drive 30 or 40 miles each day for this instruction, while one woman drove a distance of 60 miles a day. Florence Whipple, Meade County.

For Our Young Readers

The Little Red Hen Explains to Peter Porker Why She Doesn't Need Any Teeth

WHAT'S your hurry? Don't you ever take time to chew your food?" "For 3 minutes or more Peter Porker had been watching the Little Red Hen eat, and never once did she stop to chew the grains of corn she was picking off the ground. "Don't you ever chew your food?" again asked

Peter. "Oh, were you speaking to me?" asked the Little Red Hen. "I most certainly was," replied Peter Porker. "No, I don't chew my food, and I couldn't if I wanted to because I have no teeth," answered the Little Red Hen between pecks. "I should think that swallowing your food whole would give you indigestion." "I expect it would if I did not have a little mill down in my body to grind my food." "What kind of a mill?" asked Peter. This was almost more than he could believe. "My gizzard," replied the Little Red Hen. "Gizzard!" exclaimed Peter. "What

with two little runts that we paid \$3.50 for. Now between the three of us we have \$129 worth. James R. Roorda. Burlington, Colo.

My Hens are Betty and Biddy

I am 13 years old and in the eighth grade at school. I have three brothers and one sister. We walk 1 1/2 miles to school. I have two hens and 10 chickens. The hens' names are Betty and Biddy. I have 80 quarts of fruit. Hutchinson, Kan. Marjorie Hall.

The Ducks Belong to Me

I am 14 years old and I go to junior high school. I am in the seventh grade. I live a mile from town. I have some ducks and an old hen which I call Coy-Coy. She is blind. I have a pony I call Pinto. She can run fast. She shies at everything. She is moon-eyed. Nina Archbold. Junction City, Kan.



The Juniors' Quiz Corner

The "quiz" corner is for boys and girls who like to answer questions. All you need do is find the answer to every question given below in the various articles or stories in this issue of this magazine. The first five boys and girls getting the correct answers to us will receive a surprise gift each. Send your answers to the Quiz Corner, the Kansas Farmer and Mail and Breeze, Topeka, Kan. Here are the questions:

1. Name the Justices of the United States Supreme Court.
2. State briefly the outstanding features of the plan of the Nation-Wide Co-operative Dairy Sales Agency recently formed in Chicago.
3. How did John A. Morrow double the milk production of his farm herd?
4. What cost Kansas farmers about 2 million dollars last year?
5. How much water do 100 head of stock require in 180 days to do well during the heat of summer?
6. Why does not Senator Capper favor Government operation of Muscle Shoals?

Suits Me and Rover!

We've waited such an awful time,
But now the winter's over;
For grass, and birds and all outdoors
Is what suits me and Rover.
—Anna Deming Gray.

a funny name; and pray tell me how it can grind your food." "Well, first my food goes into my craw and is softened by juices. Then it passes into my gizzard, which contains gravel, and the gravel helps to grind the food." "How did the gravel get into your gizzard?" "I have to eat some sand or gravel every day," explained the Little Red Hen, "and sometimes, when folks at the house break a crock or a jar, the children pound the pieces until they are very fine and throw them out into the chicken yard. I like that better than anything because it makes the best grindstones for my gizzard."—Cobb X. Shinn.

To Keep You Guessing

What is the best weather for making hay? When it rains pitchforks. When is a schoolboy like a postage stamp? When he is licked and put in a corner to make him stick to his letters. Why is it that summer goes so quickly? Because there is so often an evening mist. Why is a man with a cold on his chest not a man? Because he is a little horse (hoarse). What is the difference between a man going upstairs and one who is looking up? One is stepping up the stairs, and the other is staring up the steps. Where did Noah strike the first nail in the ark? On the head.



In our Letter Box

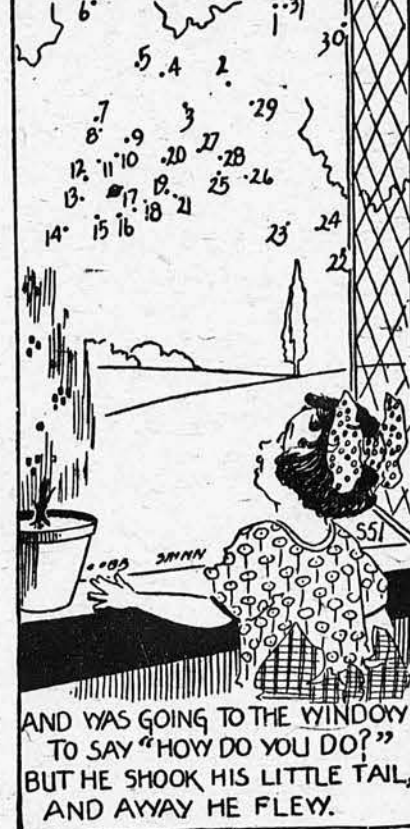
I am 8 years old and my brother is 2 years old. His name is Howard. We like to listen in on the radio. I like the bedtime stories and he likes music. Helen Breckenridge. Delavan, Kan.

How We Make Money

I am 8 years old and in the third grade at school. My brothers and I make money in hogs. We started out

MOTHER GOOSE DOT PUZZLE

ONCE I SAY A LITTLE
COME HOP, HOP, HOP;
SO I CRIED "LITTLE BIRD,
WILL YOU STOP, STOP, STOP"



AND WAS GOING TO THE WINDOW
TO SAY "HOW DO YOU DO?"
BUT HE SHOOK HIS LITTLE TAIL,
AND AWAY HE FLEW.

To the first 10 boys or girls sending the correct missing word in the verse above we will give a package of postcards each. Send your answers to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan.



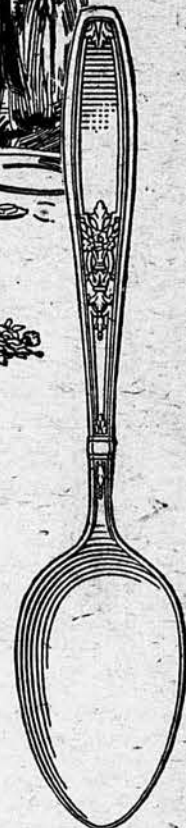
To make meals pleasanter—

There's nothing quite like having enough silverware! It removes annoyance in serving and makes the whole meal more agreeable.

And to try to get along without enough silverware is quite unnecessary. For in 1847 Rogers Bros. Silverplate you may provide all you need quite reasonably. Tea spoons in the beautiful Ambassador pattern, or in any other, cost only \$3.75 the half dozen. The other pieces—dinner knives and forks, dessert spoons, salad forks—are priced on the same moderate scale.

A sensible scheme is to purchase now the pieces you most need, and to add others in the chosen pattern from time to time. In the newer patterns your dealer always will be ready to supply your wants. Remember that "1847 Rogers Bros." is made to last a lifetime. It leaves nothing to be desired in beauty, durability or guarantee.

Send for "How Much Silverware," booklet D-75. It is a faithful guide to reasonable silverware purchases for families large and small. International Silver Co., Meriden, Conn.



Ambassador Tea Spoon

1847 ROGERS BROS. SILVERPLATE

INTERNATIONAL SILVER CO.

STOCK TANKS Round—Durable

PICK THE SIZE YOU WANT AT THESE EXTRA SPECIAL PRICES

4 ft. diameter, 2 ft. deep.... \$ 7.25
5 ft. diameter, 2 ft. deep.... 9.50
6 ft. diameter, 2 ft. deep.... 12.25
7 ft. diameter, 2 ft. deep.... 15.25

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\$21.95 Buys 230-Egg Incubator
\$ 9.95 Buys 230-Chick Brooder
Both When Ordered Together, Only \$29.95
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The vacation season is drawing near. Many of you are planning on an over-land trip to some point in the United States. Save time and expense by getting one of our up-to-date maps. With it you can definitely plan your trip before you start. Size 28 by 26 inches. Will send you one of these maps and give you a year's subscription to the Kansas Farmer and Mail & Breeze for \$1.25; or three years and a map for \$2.25. Act promptly as our supply is limited.
The Kansas Farmer and Mail & Breeze
Topeka, Kansas

What Fashion Has to Offer

Charming and Appropriate Costumes for Warm Spring Weather and Early Summer

BY MRS. HELEN LEE CRAIG



1391—Women's Dress. Cool looking and dainty may be truthfully said of this afternoon dress. Sizes 36, 38, 40, 42 and 44 inches bust measure.

1538—Women's and Misses' Dress. The new ratines would be pretty made in this style. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

1539—Women's Dress. Pretty for dress-up occasions is this delightful creation. Sizes 34, 36, 38, 40 and 42 inches bust measure.

1380—Boys' Suit—A very popular number for the small boys' suit is shown here. Sizes 2, 4 and 6 years.

1438—Women's Dress. Another version of the combination of two materials exploits the collarless neckline. Sizes 16 years and 36, 38, 40, 42 and

44 inches bust measure.

1032—Girls' Middy Suit. A middy suit such as this would make play-time more pleasant. Sizes 4, 6, 8, 10 and 12 years.

1556—Women's and Misses' Combination. A spray of embroidery trims this combination effectively. Sizes 16 years and 36, 38, 40 and 42 inches bust measure. Transfer pattern No. 621 is 15 cents extra.

1563—Child's Dress. Plaiting is popular even on the small girl's dresses. Sizes 4, 6, 8 and 10 years.

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

Farm Home News

BY MRS. DORA L. THOMPSON

Remarkable improvement in an old collection of oak furniture was made in one home by use of stain and wax. Old, rough varnish was removed by use of fine sand paper. Some scroll designs and curves had been treated with varnish remover. This also removed the stain, making it necessary to stain it again. To make an even appearance all the oak was stained a darker color—not so dark as some mission. Over the stain, wax was rubbed. This had the effect of bringing out the grain of the wood and of making a finish that was more pleasing than a glaring varnish would be. The well satisfied housekeeper compared her latest work with some pieces she had once treated to a coat of stain and varnish combined. This combination is quickly applied.

House Efficiency Queries

A series of questions offered to housekeepers to use in testing their own efficiency has the hidden merit of making suggestions, some of which may well be adapted in any kitchen. Among the questions are the following: Can you move your wood box easily? Does it leak dirt? Is it painted to match the wood work in the kitchen? Is your work table movable? Have you a handy place in which you hang your mop, brooms, and so forth? Are your spice boxes, sugar cans and other containers of one color or many? Is your floor easily cleaned? Have you light where it is most needed?

Old Stocking Possibilities

"Would you like some stockings for a rug?" asked a young woman of an older one as she emptied a hundred or more she thought had passed their usefulness. Before she answered the

older woman picked out the white stockings, took the scissors and cut a strip across the leg. "Now this," she said, "would make a fine wash cloth." A wider piece with one or two thicknesses inside is one of the most easily cleaned holders you ever saw. Dark ones do for that purpose, too. Open the stocking down the seam, remove the foot and you have one of the best of dust cloths. Stuff the toe of a black stocking and you have an excellent dauber of stove black or shoe polish or wax for floor or furniture. The leg makes a good polish cloth—soft and lintless. Dip one in coal oil and rub the stove. It will remove spots and grease.

"I guess I'll put this sack in a handy nook," said the younger with no further mention of the rug.

Women's Service Corner

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

When Dates Stick to Paper

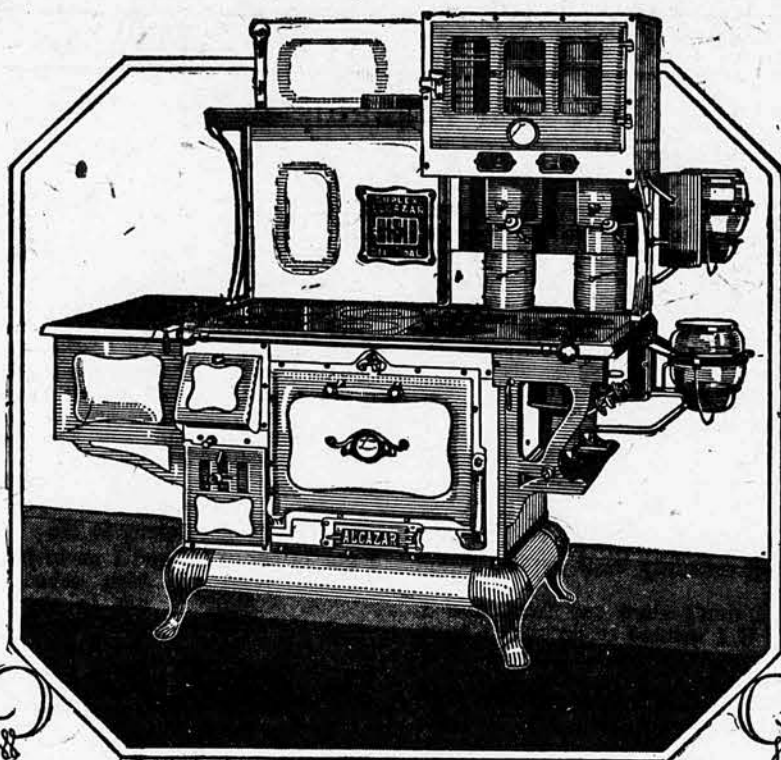
Whenever I buy a package of dates, I find it difficult to remove the fruit from the package without the paper around it sticking. Is there any way to overcome this difficulty?—Mrs. O. R. S.

If the package is placed in the oven a few minutes before it is opened, the dates will not stick to the paper.

Tar on Rugs and Carpets

How can tar be removed from rugs and carpets?—Mrs. B. O. S.

If the spots are covered with pieces of absorbent cotton which have been moistened in chloroform or ether, the stains will disappear. It sometimes requires more than one application if the tar has been on the surface very long. Keep the windows open when the work is being done.



The Range that Fits the Weather

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Every rural home needs an Oil Duplex-Alcazar Range.

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Applique Patches

Will Brighten Old Clothes

Here is one of the niftiest, newest articles that has ever come to our attention. It is the very latest thing in embroidery work—Applique Patches, all ready to be cut out and applied to your material. These designs may be used to decorate unbleached muslin, aprons, bed spreads, linen sets, dresser scarfs and table cloths.

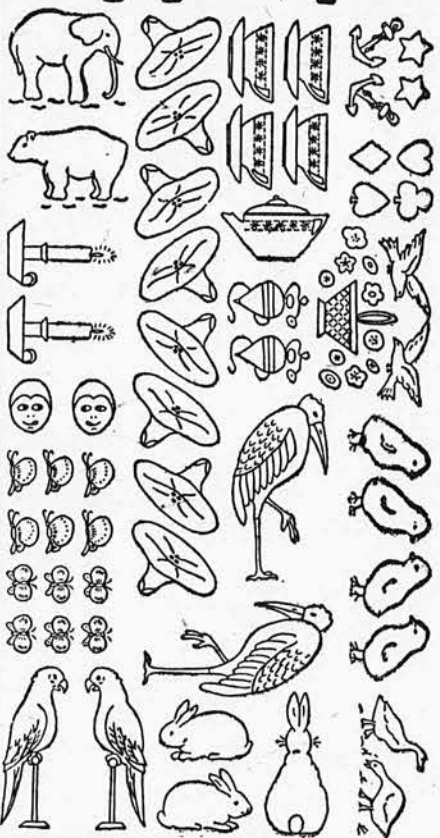
There are designs for the little boys' suits; the anchor designs are just the thing for little girls' middie blouses; the cup and saucer designs go well on lunch cloths. The large bird designs are precisely what you want for draperies; for baby pillows and bed spreads; the cunning little bloomer dresses, the little chicks and geese are exactly what you have been looking for.

What would be nicer than the rabbits and funny faces for the little baby's sleeping room? The morning glories will fit in a hundred different places and the basket design is just the thing for a centerpiece. The whole set is made up of the most artistic and interesting applique designs that can be found.

34 Separate Designs

Don't get the idea that this is merely a set of transfer patterns stamped on paper—it is the design itself stamped on a large piece of art linen, 18x33 inches in size; in two colors, blue or rose. These colors are guaranteed not to fade, and it is surprising what a dash of color or a quaint design will make on a last year's dress—whether a child's or a grown up size.

A bit of rose applique on a collar or pocket is more charming by far than a solid gold necklace. When you consider that some of the best equipped stores haven't yet had an opportunity to get these designs and that you can get a set free on our liberal offer, you will realize we are offering you a real bargain.



SEND NO MONEY

We will not ask you to do any canvassing to get them. Just send a postcard saying, "Please tell me how to get the beautiful Applique Designs." Address your card to

HOUSEHOLD MAGAZINE, 8th and Jackson, TOPEKA, KANSAS

Health in the Family

The Country Doctor Fills an Important Place in Any Community and is Worthy of His Hire

BY DR. CHARLES H. LERRIGO

VOLUMES have been written about the country doctor, some of them placing him on a very high plane; but usually the thought is that there is not much to be expected from him except very common work. You folks in the country grumble a great deal about the class of doctors you have to wait upon you. Now and then I hear a good word for the country doctor; but your usual complaint is that you get nothing but the immature boys, fresh from college, or the old mossbacks who are too lazy to better themselves. It happens that I have a rather wide acquaintance among country doctors, and I know so many excellent men that it hurts me to think they should be held so lightly, tho I am quite willing to admit that they are not all beyond criticism.

You folks who depend upon country doctors can improve things if you so desire. Give the doctor a little encouragement to buy books and make occasional opportunities for additional study and postgraduate work. You can do this, by paying your bills promptly and cheerfully, and refraining from grumbling if the doctor does run off occasionally to go to a medical society meeting or take some extra hospital work.

Give your doctor your full confidence in every case. Perhaps, some special work is needed in your case for which he is not fully qualified. Do not slight him for that reason. The best city practitioners do not try to do all of their work, but make great use of specialists. Give your doctor the same chance. Let him call a consultant or refer you to a good specialist, whichever seems best to him. You will be a lot better off than if you try to pick someone for yourself, and your home doctor will still have the run of your case. There are many things that the specialist might say to him that you may be pretty confident will never be revealed directly to you, and it is to your great advantage that the home man know them.

Try to give your doctor a little spare time. Arrange to let him know of your need for his services early in the day, whenever possible. Try to leave his evenings undisturbed so that he may have a little time for recreation and study. And if you expect to keep a really competent doctor, to serve your community faithfully, do not expect that he will be "cheap" in his services. If he is the man you desire he will take care to be reasonable, but medical work in the country is worth just as much as it is in town.

Face Scars Possibly Permanent

I had some sores on my face that have disappeared but left ugly scars. I should like to know something to make the scars go away. M. B.

If the scars go thru the true skin, they are permanent. They can be removed only by a surgical operation which may involve skin grafting. Scars that come from sores are not usually as deep as this. Gentle massage of the surrounding tissues will help. It must be vigorous enough to flush the blood vessels but not to cause irritation. Any good cold cream will do to help in the massage.

The Wasserman Test

Please tell me what is the Wasserman test and why should it be necessary in examining a person who is a chronic invalid but has always lived a clean life? F. K.

The Wasserman test is a blood test made to determine the diagnosis of syphilis. It is not absolutely conclusive, but combined with other symptoms is a good guide. The reason doctors make it on a patient with a clean personal record is because syphilis may be acquired innocently, and is often inherited. A good record is not positive evidence against it.

Goiter Not Contagious

If goiter runs in the family how may a young girl who is anxious to escape the disfigurement avoid it? Is it contagious? H. J.

Goiter is not contagious. I am not even sure that it "runs in families." It is true that many members of families living in same localities and having the same habits and diet seem to

develop goiter with unfailing regularity, but that may be a matter of environment rather than of heredity or contagion. In places where goiter abounds it is generally found that there is a deficiency of iodine. In certain districts where the complaint was very common the administration of sodium iodide in daily doses of 3 grains, for a period of two weeks in the spring and again in the fall, did wonderful work in preventing the development of goiter. I suggest that the girl try this measure.

The Farmiscope

Ouch! Ouch!

"I can't keep the visitors from coming up," said the office boy dejectedly to the editor. "When I say you're out they don't believe me. They say they must see you."

"Well," said the editor, "just tell them that's what they all say. I don't

care if you sass them. I must have quietness."

That afternoon there called at the office a lady. She wanted to see the editor, and the boy assured her that it was impossible.

"But I must see him!" she protested. "I'm his wife."

"That's what they all say," replied the boy.

Economy

Motorist—"I have not paid a cent for repairs on that machine during all the ten months that I've had it."

Prospective Buyer—"So the man who repaired it told me."

Safe, At Least

"How's your campaign fund coming along?"

"Splendidly, in one respect," replied Senator Sorghum. "There is so little of it that it can't possibly start any scandal."

Practical Young Man

Mother—"Now, Willie, if you put this wedding-cake under your pillow, what you dream will come true."

Willie—"Why can't I eat the cake and put the pillow over my stomach?"

No Change

Drivers had no more horse sense in the old days. It was the horse that had it.

Nu-Way

STRETCH

Suspenders

Slip loop back and easy, lasting spring stretch make them most comfortable ever worn. No rubber to rot. Year's wear guaranteed. Price 75c pair.

Nu-Way Wide Web Garters

No metal touches the leg. Easy, spring stretch. Once adjusted, always just right. Price 50c pair.

Nu-Way Hose Supporters

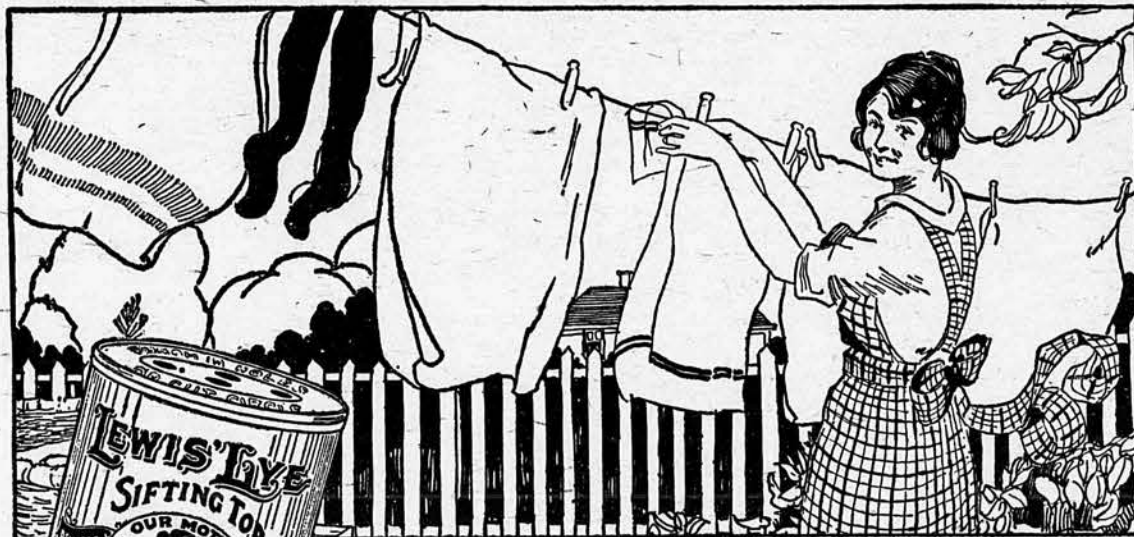
and corset Sew-Ons, 25c pair. Child's Supporter Harness, can't slip off shoulders. Price 50c.

Nu-Ways are for sale by more than 40,000 dealers. If your dealer can't supply you, send direct, giving dealer's name. Accept no substitutes. Insist on Nu-Ways.

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



Snowy White Clothes With Pure Soap Made at Home With Lewis' Lye

THE soap you make at home with LEWIS' LYE is as good as the best. Its purity is known to you. By following simple recipes you can make the finest laundry or toilet soap at a saving of over 80% of what you are now paying out in good cash.

There Are Nearly Fifty Uses For Lewis' Lye

LEWIS' LYE has many time-saving uses that will lessen the housewife's daily work. It softens water, makes dish washing easy and brightens the silverware.

Buy twelve cans of LEWIS' LYE at a time. Always keep it handy for use around the Kitchen, Garage, Hoghouse—all farm buildings.

Nearly fifty recipes for LEWIS' LYE are given in our booklet "The Truth About a Lye." "How to Clean Motor Equipment with Lewis' Lye" has useful directions for the care and cleaning of autos, trucks and tractors. Copies of these valuable books should be in every American household. We will be glad to mail you free copies upon request.

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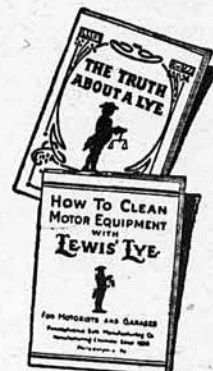
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"IT PAYS TO USE LEWIS' LYE"

Business and Markets

By John W. Samuels

ECONOMIC conditions in the Nation according to reports from all sources are steadily improving and business of all kinds is proceeding at new record making proportions. "Prosperity," says Frank A. Vanderlip, the well known New York financier, "is here and will continue for a good while if business men and financiers keep their heads and production is not curtailed and prices are not unduly advanced. European unrest has but little effect on our prosperity, because our export trade in general is large enough to absorb nearly all of our surplus production."

Railroad Records Smashed

The railroads are doing record breaking business. This year, to March 24, car loadings totaled 10,392,000 as compared with 9,080,000 for the same period last year and 8,354,000 for a similar period in 1921. Well above 900,000 cars are being loaded each week.

The railroads have now authorized expenditures for cars, locomotives, trackage and other facilities aggregating for this year 1,100 million dollars, based on their abiding faith in the American people and their belief in the future.

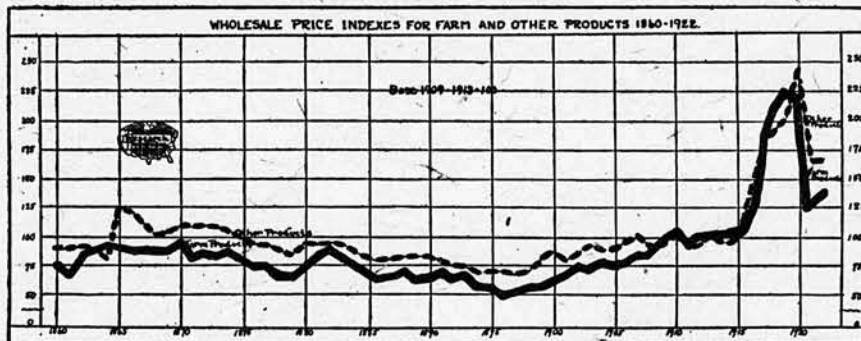
With the very large purchases proposed by the railroads, with iron output at positively record figures, with capital free for investment purposes in unusual amount, credit generally good, labor in full and overflowing employment, with every blast furnace in the Pittsburgh district blowing for the first time in years—with all these signs of high business activity, swinging in full sight, present prosperity must be accepted as an actual fact.

Prosperity's Limiting Factors

If industrial costs and the general plane of prices could be locked fast at their present level, the period of prosperity could be maintained indefinitely. But labor costs and farm prices are far apart and are ever widening, and there is a corner in labor which may lead to greater and greater demands until high prices paralyze the whole movement.

But even the farmer is doing better. Officials of Armour & Company say: "Despite all that has been said about the poverty of the farmer and the necessity of financial aid for him, he is in a better position than he has been for several years. He is buying. Mail-order-house reports, reports of farm implement manufacturers, and country bank clearings, all show that he not only is buying, but has bought, and his buying has extended a little beyond necessity."

A study of the trend of prices for farm products and other products for a period of 60 years extending from 1860 to 1922 reveals many interesting things. The index of farm products shown in the accompanying chart is based on the Senate Committee's index of 15 commodities shifted to a pre-war base. The index of other products shown in this chart is the Senate Committee's unweighted index of wholesale prices shifted to a pre-war base.



The Index of the Farm Products Shown in the Accompanying Chart is the Senate Committee's Index of 15 Commodities Shifted to a Pre-War Base

Farm products are represented by the heavy black line in the chart and other products by the heavy broken line. In studying these price trends we should keep in mind the following facts:

First, both farm products and other commodities declined notably over the period following the Civil War until 1896 or 1897. From 1897 to 1914, they rose in something like the same proportion. During the period of the World War, both rose in unprecedented degree and practically parallel, farm products suffering the worse in the slump succeeding the war boom.

Second, farm products in the period 1860 to 1875 just after the Civil War were, on a gold price basis, about 90 per cent of their pre-war average. Other products were about 20 per cent higher, in 1860 to 1875, than their pre-war average. Thus, between the Civil War and the World War, prices of farm products gained considerably on other prices.

Third, each great depression, namely in the Seventies, Eighties, Nineties and in 1920 and 1921, had a marked effect on the prices of farm products as did also the intervening periods of prosperity.

Farm Products Fluctuate Most

Fourth, in the periods of depression, farm prices have usually fallen lower than other products and in several instances they have risen higher in periods of prosperity. On the whole, they fluctuate more violently than other commodities.

Fifth, the effect of variations in crop output is very noticeable and often modifies the general trend toward depression or inflation as far as prices of farm products are concerned.

Sixth, exports have at times played an important part in the level of prices for farm products. In some instances export demand has facilitated the recovery of these prices; in other instances large exports have apparently been the result of low prices in this country and without any appreciable stimulating effect. This applies especially to pork.

Europe's demand for foodstuffs and raw materials is much lower since the war and her output of manufactured goods has also declined, thus bringing about a relative underdemand for raw

materials and undersupply of manufactures throughout the world.

The livestock situation seems fairly favorable except for hogs. A heavy increase in the spring pig crop is having a bearish effect which may grow more pronounced as the season advances. At Kansas City this week cattle have been somewhat irregular in prices, but hogs continued on a downward trend. Sheep and lambs have been in demand and prices have advanced.

Prime heavy steers and yearlings sold up to \$9.75, the top price of the month thus far. Hay fed steers from Montana, grass fat steers from South Texas, pulp fat steers from Colorado, and alfalfa-kafir fed offerings from Arizona together with grain fed native offerings added considerable variety to the supply. Hogs opened the week with an advance, and closed with prices back to the low point of the season. Fat sheep were 25 to 35 cents higher, and lambs up 15 to 25 cents.

Receipts for the week were 33,988 cattle, 4,200 calves, 84,200 hogs, and 25,025 sheep, compared with 35,500 cattle, 5,300 calves, 79,450 hogs, and 31,200 sheep last week, and 30,525 cattle, 3,900 calves, 46,066 hogs and 24,100 sheep a year ago.

Prime Yearlings Bring \$9.75

Monday prices for fat cattle were 10 to 15 cents higher, but in the next two days the advance was lost, and some of the medium and plainer classes of steers closed under last week's level. The outstanding feature in the trade was the wider spread in prices. Prime yearlings and heavy steers made a new high record for the month at \$9.75. Sales at that price included four cars of 1,627 pound steers, and a bunch of 876 pound yearlings. Other choice to prime steers sold at \$8.75 to \$9.60, and plain to fair steers \$7.85 to \$8.05. Some Montana hay fed steers brought \$8 to \$8.10, pulp fed steers \$8 to \$9, and South Texas grass fat steers \$6 to \$7.50. The extreme top price for fat cows was \$7.75, and for heifers \$9. A number of choice steers and heifers mixed sold at \$8.75 to \$9.35. Veal calves were about steady.

Trade in stockers and feeders was limited by the light supply. Prices held steady. Had receipts been larger

trade would have been more active as some orders could not be filled this week.

Hog prices late last week and early this week showed a general advance, but after Tuesday the market turned down again and prices now are 25 to 30 cents lower than last week's close and 35 to 40 cents under the high point for Monday. The top price now is \$7.85 and bulk of sales are \$7.65 to \$7.80. Packing sows sold at \$6.75 to \$7, and pigs \$6.75 to \$7.25. Choice medium and strong weight hogs are bringing a premium over the other classes. Local packers continued to buy freely at up-river markets and ship to Kansas City for slaughter indicating that prices here are higher than at up-river markets.

Sheep and Lambs

Choice clipped wethers sold at \$8.85 to \$9, and ewes in fleece up to \$9.25, the highest prices of the season. Most of the fed lambs in fleece brought \$14 to \$14.50, clipped lambs \$11 to \$11.75. One bunch of Arizona lambs at \$14.25, were the only spring lambs offered this week.

Horses and Mules

Receipts of horses and mules this week were less than 400, and the smallest in some weeks past. Trade in the better classes remained active at steady and unchanged prices. Others were slow sale.

Dairy and Poultry Products

The dairy and poultry market remains practically unchanged from last week. The following quotations are given at Kansas City:

Butter—Creamery, extra, in cartons, 52 to 53c a pound; packing butter, 32c; No. 1 butterfat, 49c; No. 2 butterfat, 46c.

Cheese—Longhorn, 22c a pound; Daisies, 22½c; Double Daisies, 22½c; Flats, 22½c; Prints, 22½c; Brick, 22½c; Twins, 22½c; imported Roquefort, 46 to 47c; Limburger, 29½c; New York Cheddars, 31c; imported Swiss, 47 to 48c.

Eggs—Firsts, in wooden containers, 24c a dozen; selected case lots, 29c; seconds, 22c.

Live Poultry—Hens, 30 to 42c a pound; broilers, 22c; roosters, 11c; capons, 23 to 25c; geese, 13c; ducks, 20c; turkey hens, 23c; old toms, 18c.

The Grain Market

The trade in grain for several days has been in a hesitating attitude and there have been but small net changes since last week. Wheat futures showed small net losses ranging from ½ to 1½ cents for May deliveries and from ¾ to 2½ cents for July and September deliveries. The decision of the United States Supreme Court upholding the Grain Futures act, was welcomed by farmers and grain growers everywhere and hereafter illegal and unjust manipulation of the grain markets by speculators and grain gamblers will be a risky and dangerous undertaking. Under the provisions of the Capper-Tincher Grain Futures act the grain exchanges will be under the control

(Continued on Page 28)



Activities of Al Acres—Al Paints the Corn Crib Inside and Out and Believe Me It Was Some Job

Dairy Hints For Farmers

Creation of a National Co-operative Sales Agency is Planned by Leading Dairymen

BY J. H. FRANDSEN

CREATION of a Nation-wide, co-operative dairy sales agency, with headquarters in Chicago, and branch offices wherever local demands justify their establishment, was definitely planned at a meeting of representatives of leading dairy states, recently held in Chicago. This agency will have active charge of the grading, standardizing, advertising and selling of butter, cheese, condensed milk and other dairy products. It will collect accurate supply and demand figures, and will arrange for the storage of surplus products from season of high production to season of low production, thus preventing price fluctuations due to glutting of markets.

The Dairy Conference

This plan was outlined by the dairy committee in its report to delegates at the conference called by the American Farm Bureau Federation on April 9. Delegates were sent to this conference by the co-operative dairy marketing associations of Minnesota, Iowa, Illinois, Indiana, Ohio and Wisconsin, and, it is said, represented dairy products to a value of 500 million dollars or 75 per cent of the butter, cheese and condensed milk that is sold thru co-operative organizations.

To provide for fuller representation of all the co-operative dairy interests the conference decided to increase the size of the committee from nine to 12. Members of the enlarged committee are J. T. Williams of Illinois, chairman; H. B. Nickerson of Minnesota; E. D. Waid of Ohio; B. F. Sheridan of Wisconsin; F. G. Swoboda of Wisconsin; W. F. Schilling of Minnesota; C. Bechtelheimer of Iowa; C. R. George of Indiana; J. H. Frandsen of The Capper Farm Press, and Walton Petet, E. B. Heaton and Samuel R. Guard of the American Farm Bureau Federation.

The plan submitted is as yet only a skeleton of what will be necessary before the agency can be put into successful operation. Aaron Sapiro has just been retained as counsel for the marketing department of the American Farm Bureau, and his first job will be to assist in working out necessary details for the sales agency for dairy products.

J. T. Williams, the chairman of the Committee, is enthusiastic about the plan which is rapidly being whipped into shape, and hopes to see it functioning by September 1, 1923. Chicago was definitely chosen as the headquarters for the sales agency, and E. B. Heaton, dairy marketing director for the American Farm Bureau, will have direct charge of all the organization work. Mr. Heaton plans from this time on to devote his entire time and attention to this work.

Outstanding Features of Plan

The outstanding features of the plan submitted by the committee are:

- 1—The agency shall provide for the marketing of all dairy products of its members, with the exception of fluid milk.
- 2—It shall encourage members to sell at least part of the product of their farm in the form of sweet cream.
- 3—It shall take definite steps to improve and finance the manufacturing of dairy products and their storage.
- 4—It shall adopt the best and most uniform methods of manufacturing butter, cheese and condensed milk, and work out national brands under which these standardized products shall be sold.
- 5—It shall conduct a systematic advertising campaign to increase the consumption of products bearing these brands.
- 6—It shall maintain a department to gather statistical and other information regarding markets, the amount of products in storage in all competing districts, and any other data that may affect prices.

Organization and Control

The suggestion was made that this agency be organized in a state where there are liberal co-operative marketing laws. Members of the central agency are to be such existing co-operative marketing associations as are now making or selling dairy prod-

ucts. The agency plan permits two or more federations from one state to become members, and by special arrangement independent local associations may become members of the agency, either separately or as part of the state federation.

Reports to Central Agency

Each association is to notify the central agency regarding products manufactured, and to deliver at request. Products will be moved on the order of the central agency either to stores or to direct sale. The central agency is authorized to market the products at any place and at any time, and to distribute the proceeds according to the internal pool within states. Sales shall be made so as to give each state its equitable share.

The contracts contain a provision that they shall not become effective until signed by member associations representing not less than 50,000 patrons.

The success of this new venture in co-operation will depend largely upon the loyalty of the producers back of the movement and upon the ability of the officers who will be entrusted with its management.

Among the Farm Dealers

BY J. M. THARP

I have been calling on some of the dealers in North Central Kansas recently, studying the way these men regarded the rural trade, and the outlook for business this year. I found an optimistic spirit, and a general effort to supply real service to the farm folks.

Naturally I was especially interested in the firms which handled machinery and motor cars. R. Lahodny & Sons Motor Company of Narka reported a good business, and appeared to be very optimistic over the future. This company carries a full line of Ford cars and parts, and like most Ford agencies, has a good repair shop. I found this same enthusiasm over the motor car outlook in the Rock Island Garage at Scandia, which handles Chevrolet cars, a full line of repairs as well as gas and oil. This town, by the way, has an unusually good camping ground, with the added attraction of some real fishing places, and it is very popular with tourists.

E. O. Svoboda Motor Company of Cuba, also reported a good business. These folks have a well-equipped repair shop, and carry a full stock of oils, gas and tires. L. F. Miller Motor Company at Belleville, under the management of Levi Miller, is well equipped to take care of service needs, and he has been doing mighty well. He has ample storage accommodations, and carries a full line of Ford parts. I found that the White Eagle Oil and Refining Company of Clifton has been doing an immense business in the sale of oil and gasoline. Prompt tank service is provided to take care of the Clifton country trade.

Testerman & Son at Concordia handle Hudson and Essex cars, and have a mighty good machine shop. These people have made a specialty of the tourist trade, and get an immense amount of it. They were especially enthusiastic over the outlook for this year.

Naturally in a country such as this, where there is so much tourist trade, one would expect to find good hotels. Mrs. Theodore Beltazore, owner of the Aurora hotel of Aurora, reports an excellent trade. This place is run on the European plan. The Commercial Hotel of Miltonvale, under the management of Mrs. J. C. Cole, also has had fine success, with a big commercial and tourist trade. P. J. Schott, owner of the Rock Island hotel at Belleville, reports a huge trade. He operates on the European plan. The place is very popular with tourists.

The McHenry & Son Produce Company of Clifton has been doing a big business, which is showing a considerable tendency to increase, due to the growth in poultry raising and in dairying in that section. This concern also carries a full line of feed, and field and garden seeds. It is looking forward to a prosperous year.



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Rains Help Kansas Crops

Some of the Abandoned Wheat Acreage Will be Replaced With Corn and Sorghums

BY JOHN W. WILKINSON

SOME of the less favored sections of Kansas were fortunate enough to get a few scattering rains during the last 10 days, but more moisture is still needed in the western part of the state. In the report of the Kansas State Board of Agriculture made recently, J. C. Mohler, secretary of the board says, "In a general way wheat prospects are good in the eastern half of Kansas and poor in the western half. Thus far there has been but little damage from insects, altho the presence of chinch bugs and Hessian flies has been noted in some localities.

Large Wheat Acreage Abandoned

"Fifteen counties in Western Kansas report that about 80 per cent of the winter wheat sown last fall will be an almost entire failure. Of the 11,315,500 acres sown last fall correspondents for the board estimate 28.7 per cent will be abandoned. This abandonment is 2.4 per cent higher than estimated by the board at the corresponding period last year.

"The condition of the remaining wheat is given as 78.1 per cent as against a condition of 73.9 per cent for a year ago."

Average 12 Per Cent Less

The five-year April average of abandonment for Kansas, as estimated by the state board of agriculture, is 16.7 per cent, or 12 per cent less than this year.

Haskell county reports that 99 per cent of the wheat acreage has been abandoned. Grant county has 97 per cent of its acreage abandoned. Seward county reports an abandonment of 96 per cent and Morton county 95 per cent. Other counties in which at least 80 per cent of the acreage sown has been abandoned are: Ellis, 82 per cent; Finney, 80 per cent; Hamilton, 87 per cent; Kearny, 80 per cent; Meade, 91 per cent; Ness, 80 per cent; Phillips, 82 per cent; Rooks, 91 per cent; Stanton, 88 per cent; Stevens, 90 per cent; Trego, 87 per cent.

The condition of growing oats is given at 64 per cent, or 19 points lower than for April last year. Indications

are that 1,335,000 acres were planted this year against 1,541,000 acres a year ago.

Barley is reported to have a slightly increased acreage with but very little of what has been planted up.

The potato acreage probably will be slightly under that of a year ago. In the Kansas River Valley the acreage is estimated at 16,000 acres, approximately 1,000 acres under that of 1922. The potato acreage in Kansas in 1922 was approximately 60,000 acres.

There are indications for another increase in the state's corn acreage this year. Correspondents to the board suggest that the area planted in corn will approach 5½ million acres or 9.5 per cent more than in 1922.

Alfalfa and pastures are reported as in poorer condition now than a year ago at this time due to lack of moisture during the winter.

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:

Barber—Wheat is beginning to show the want of moisture. Most farmers are pasturing it as short as possible, which will help some. Mules sell for good prices. Feed is getting very scarce and there is none for sale.—Homer Hastings.

Bourbon—The March freeze killed practically all the oats, injured the fall sown alfalfa and most of the peach crop, but it did not hurt the wheat crop which now is in first class condition. Corn plowing is practically finished and a few farmers are planting their corn. Pastures are getting started in fine order and some of them are being grazed already. Rural market report: Corn, 75c; hogs, \$7.50; butterfat, 43c; eggs, 22c; hens, 19c; springs, 40c; kafir, \$1.50 cwt.—Robert H. Smith.

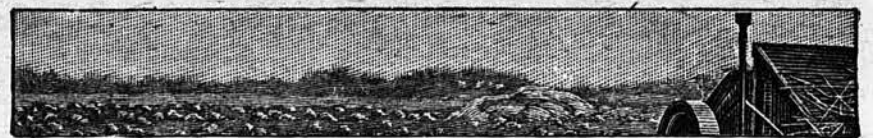
Brown—Farmers report a poor stand of oats. Wheat doesn't look as good as it should. However a recent one and a half inch rain will greatly benefit it. It is being pastured because feed is scarce. Rural market report: Wheat, \$1.10; corn, 72c; oats, 45c; cream, 46c; eggs, 20c; hogs, \$7.50.—A. C. Dannenberg.

Cheyenne—We recently had a good shower followed by a wet snow and now the ground is wet to a depth of 4 inches. Barley, oats and spring wheat are practically all sown and the acreage of each is above normal. Where wheat did not winterkill, it is making a very satisfactory growth.—A few wheat (Continued on Page 29)

Every Rose Has Its Thorns



This is the Time of the Year When All of Our Thoughts Turn to Spring But It Has a Rough and Seamy Side That Dad Can't Understand



IT'S THE TROUBLE-FREE BELT



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White Diarrhea

Remarkable Experience of Mrs. C. M. Bradshaw in Preventing White Diarrhea

The following letter will no doubt be of utmost interest to poultry raisers who have had serious losses from White Diarrhea. We will let Mrs. Bradshaw tell of her experience in her own words: "Gentlemen: I see reports of so many losing their little chicks with White Diarrhea, so thought I would tell of my experience. I used to lose a great many from this cause, tried many remedies and was about discouraged. As a last resort I sent to the Walker Remedy Co., Dept. 47, Waterloo, Iowa for their Walko White Diarrhea Remedy. I used two 50c packages, raised 300 White Wyandottes and never lost one or had one sick after giving the medicine and my chickens are larger and healthier than ever before. I have found this company thoroughly reliable and always get the remedy by return mail.—Mrs. C. M. Bradshaw, Beaconsfield, Iowa."

Cause of White Diarrhea

White Diarrhea is caused by the Bacillus Bacterium Pullorum. This germ is transmitted to the baby chick through the yolk of the newly hatched egg. Readers are warned to beware of White Diarrhea. Don't wait until it kills half your chicks. Take the "stitch in time that saves nine." Remember, there is scarcely a hatch without some infected chicks. Don't let these few infect your entire flock. Prevent it. Give Walko in all drinking water for the first two weeks and you won't lose one chick where you lost hundreds before. These letters prove it:

Never Lost a Single Chick

Mrs. L. L. Tam, Burnetts Creek, Ind., writes: "I have lost my share of chicks from White Diarrhea. Finally I sent for two packages of Walko. I raised over 500 chicks and I never lost a single chick from White Diarrhea. Walko not only prevents White Diarrhea, but it gives the chicks strength and vigor; they develop quicker and feather earlier."

Never Lost One After First Dose

Mrs. Ethel Rhoades, Shenandoah, Iowa, writes: "My first incubator chicks, when but a few days old, began to die by the dozens with White Diarrhea. I tried different remedies and was about discouraged with the chicken business. Finally, I sent to the Walker Remedy Co., Waterloo, Iowa, for a box of their Walko White Diarrhea Remedy. It's just the only thing for this terrible disease. We raised 700 thrifty, healthy chicks and never lost a single chick after the first dose."

You Run No Risk

We will send Walko White Diarrhea Remedy entirely at our risk—postage prepaid—so you can see for yourself what a wonder-working remedy it is for White Diarrhea in baby chicks. So you can prove—as thousands have proven—that it will stop your losses and double, treble, even quadruple your profits. Send 50c for package of Walko—give it in all drinking water for the first two weeks and watch results. You'll find you won't lose one chick where you lost hundreds before. It's a positive fact. We guarantee it. The Leavitt & Johnson National Bank, the oldest and strongest bank in Waterloo, Iowa, stands back of this guarantee. You run no risk. If you don't find it the greatest little chick saver you ever used, your money will be instantly refunded.

WALKER REMEDY CO., Dept. 47, Waterloo, Iowa.

Send me the [] 50c regular size (or [] \$1 economical large size) package of Walko White Diarrhea Remedy to try at your risk. Send it on your positive guarantee to instantly refund my money if not satisfied in every way. I am enclosing 50c (or \$1.00). (P. O. money order, check or currency acceptable.)

Name

Town

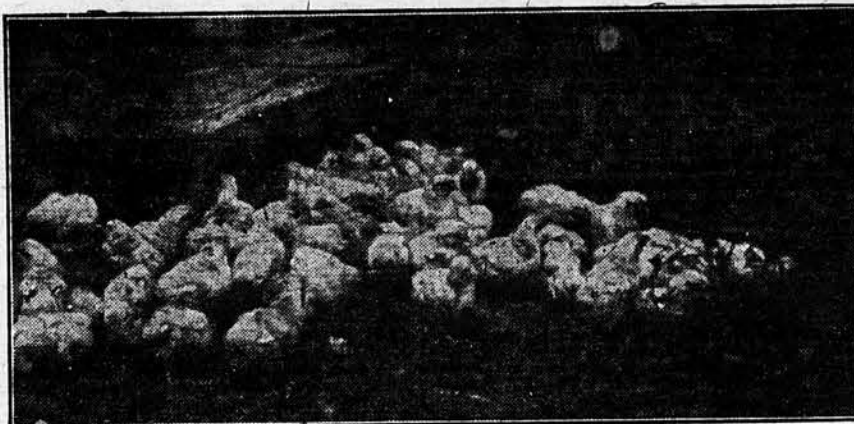
State..... R. F. D.....

Mark (X) in square indicating size package wanted. Large package contains nearly three times as much as small. No war tax.—Advertisement.

White Diarrhea in Chicks

Many Losses in the Spring Poultry Flock May be Prevented Thru Proper Care

BY H. A. BITTENBENDER



Young Chicks Should Have Clean, Sanitary Quarters and All Overcrowding Should be Avoided in Every Way and Especially in Brooders

WHITE diarrhea is a term applied to either of two diseases which have similar symptoms, but different causes. Bacillary white diarrhea is a common disease in the East, but it is not a serious menace yet in the West. Intestinal coccidiosis is apparently more common and is probably one of the serious causes of the heavy mortality of chicks in this state every year. It is a highly infectious and unusually destructive disease and is becoming a greater menace every year. It usually affects chicks from 5 days to 3 weeks old.

Affected chicks stand about in a stupid, indifferent way, isolating themselves from the rest of the flock and eating little or no food. They progressively lose weight and have the characteristic diarrhea. "Pasting up behind" is common and often results in many chicks constantly uttering a shrill cry of pain. Recovery is infrequent.

Intestinal Coccidiosis

The liver and "blind guts" or caeca are often visibly affected. In acute cases, the lesions may be only a thickening and congestion of the tip of one caecum. In lingering cases, there may be an invasion of the entire length of both caeca, inflammation of parts of the large intestine, deadening of tissues of liver in characteristic concentric circles, and infection of oviduct, spleen, and other organs. Post mortem examination is only an indication. The surest evidence is to find the stages of coccidium in association

with the lesions in the walls of the intestine or caeca or in the droppings. This disease is produced by small protozoan parasites. Usually the disease is spread by sac-like growths containing organisms which passed out in the droppings of the diseased bird. These contaminate the food which is taken in by the other birds. The walls of these sacs are ruptured in the intestine and the small organisms penetrate the cells lining the intestinal tract and caeca. Here they rapidly multiply. Death occurs as a direct result of mechanical injuries to the linings of the alimentary tract and because openings are made for the entrance of bacteria to the caeca, liver, lungs, and tissues of other organs.

Methods of Control

The disease apparently spreads by the contamination of the food and possibly thru the eggs either internally or externally.

Preventive measures are recommended as follows:

- 1—Isolate sick birds and burn dead birds promptly.
- 2—Use new ground each year for raising the chicks.
- 3—Avoid overcrowding chicks, especially in brooders.
- 4—Disinfect often and thoroly with 5 per cent compound cresol solution.
- 5—Use one 7.3 grain mercury bichloride tablet to a gallon of water in a non-metal container. Use only when disease is present as a disinfectant every 10 days.

Farmers' Service Corner

BY T. A. McNEAL

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.

To Determine Leap Years

1—Was 1900 a leap year? If not explain why. 2—On what day of the week was February 28, 1900? R. M. B.

1—1900 was not a leap year for the reason that it was not divisible by 400, altho it was divisible by four. Centennial years are only leap years when divisible by 400.

2—February 28, 1900 was Wednesday.

To Get a Federal Loan

What is necessary to get a Government loan? What are the expenses and what would the application fee be? F. S.

I assume that the person asking this question is referring to the Federal land loan. It is possible now to get the loan on personal property but I assume that this refers to the land loan. It will be necessary to organize a local land association composed of not less than 10 persons, owners of land who desire to make loans. This association is required to take stock in the Government Land Loan Bank, a minimum of \$20,000, the amount increasing

in proportion to the size of the local association and the amount of loans taken.

Application is made to the Federal Land Loan Bank at Wichita thru this local association. The Government Land Loan Bank sends out an examiner to pass upon the applications and make an examination of the land upon which loans are desired. I cannot answer as to all the expense that is necessary in these preliminaries. If you will write to L. J. Pettijohn, in care of the Government Land Loan Bank, Wichita, Kan., you can get all the particulars, the necessary blanks, instructions as to the manner of organizing the local association and the necessary expense.

Changing Courses of Streams

Have the county commissioners the power to change a running stream when it crosses the highway over on B's land and empties into another stream 15 rods from the highway that runs on B's land 25 rods and then back on A's land across the highway? Can they dig a ditch on A's land where it leaves A's land across to where it again comes onto A's land? They intend to do away with one bridge and use the dirt of the ditch for the highway. S. H. D.

The board of county commissioners is given very wide power in the matter of establishing bridges and drains. I am of the opinion they would have a right to establish this ditch. Of course, both A and B would be entitled to compensation for whatever damage might be caused to them by the establishment of such ditch.

Lawful to Ship Johnson Grass

Is it lawful to ship Johnson grass seed into the state of Kansas to raise hay? C. A. P.

Yes, it is lawful under present state laws.



May we send you this book?—free of charge

It contains hundreds of practical suggestions on how to use

CREOLIN-PEARSON

Disinfectant for Home and Farm

—to guard against disease germs and insect pests.

—to give "first aid" in cuts, bites, stings and minor wounds of man or beast.

—and in many other ways.

Send a post card to

MERCK & CO., 45 Park Place, New York, for this Book on Sanitation—free.

Merck

Iceless Refrigerator

Keeps food fresh and sweet without ice. Costs nothing to operate—lasts a lifetime. Lowers into well, basement or special excavation. Easily and quickly installed. Costs less than a season's ice bill. Every home needs it. Two types—windmill and evaporator. Write for free folder. Agents Wanted. EMPIRE MFG. COMPANY 620 N. 7th St., Washington, Iowa

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. SWEEP FREE! CURRIE WINDMILL CO. SUMNER 7th & Holiday, \$22. Topeka, Kansas.

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

Our Bargain Offer

CLUB NO. 400
La Follette's Magazine.....
Kansas Farmer and Mail and Breeze.....
Household.....
Regular Price \$2.25
KANSAS FARMER AND MAIL & BREEZE
Topeka, Kansas

Let Us Broadcast Your Message

There are over 130,000 Farm Families in Kansas and adjoining waiting to hear about the Real Estate you have to sell, or what you want to buy. They may have just what you want and would gladly trade it for what you have.

Tell Them thru "The Real Estate Market Place" of Kansas Farmer and Mail & Breeze in the next issue.

Others are filling their Real Estate wants in this way—

Why Not You?

The cost is small for the number of families reached. See Rates on Page 27.

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 |
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| 18..... | 1.80 | 5.76 | 34..... | 3.40 | 10.88 |
| 19..... | 1.90 | 6.08 | 35..... | 3.50 | 11.20 |
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| 22..... | 2.20 | 7.04 | 38..... | 3.80 | 12.16 |
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| 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 violated each other before appealing to us.

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

AGENTS WANTED

LIGHTNING—STRANGE BATTERY COMPANY. Charges discharged batteries instantly. Eliminates old method entirely. Gallon free to agents. Lightning Company, St. Paul, Minn.

EMPLOYMENT WANTED—MALE

COMPETENT FARMER WANTS STEADY employment. Single. George Wagner, Jamestown, Kansas.

HELP WANTED—MALE

MARRIED MAN FOR FARM WORK. \$40 a month, house, garden, milk, wood furnished. Wife to board extra help. Howard Barnard, Madison, Kan.

MEN WANTED TO SELL NURSERY stock. Experience not necessary. Payments weekly. Steady employment. The Ottawa Star Nurseries, Ottawa, Kan.

SERVICES OFFERED

PLEATING, HEMSTITCHING, PINKING. Mrs. M. J. Mercer, 800 Topeka Blvd., Topeka, Kan.

HEMSTITCHING, 10c PER YARD. Satisfaction guaranteed. NuBone Corset Shop, Topeka, Kan.

BUSINESS OPPORTUNITIES

MANY OPENINGS—IN GOOD LOCALITIES in Kansas in both country or cities and towns for men who can sell Rawleigh's Good Health Products direct to home. No experience, practically no capital needed. Applications are desired from those who can qualify for this permanent and profitable business. W. T. Rawleigh Co., Dept. 1116, Freeport, Ill.

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

PUT YOUR BUSINESS BEFORE MORE than 1,180,000 farm families in the 16 richest agricultural states in the Union by using the Capper Farm Press. A classified advertisement in this combination of powerful papers will reach one family in every three of the great Mid-West, and will bring you 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.

PATENT ATTORNEYS

PATENTS—BEFORE SUBMITTING INVENTION, write for information concerning procedure, cost, and ability of attorney. These promptly furnished. References to clients in your state. B. P. Fishburne, Registered Patent Lawyer, 381 McGill Bldg., Washington, D. C.

PATENTS PROMPTLY PROCURED. Booklet and advice free. James N. Lyles, 734B 8th Street, Washington, D. C.

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., 825 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 want, how we help you sell, etc. Patent Dept. 402, American Industries, Inc., Washington, D. C.

WELL DRILLS

BIG MONEY IN DRILLING WELLS. Write for free catalog to Stephen Ferguson, Fayetteville, Ark.

TYPEWRITERS

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

TYPEWRITERS—GET OUR SPECIAL LOW prices on all standard makes. \$3.00 cash, balance only \$5.00 monthly. Save 35 to 60%. Sent on 5 day free trial with inspection privileges. Write for free descriptive circular. Wynn Typewriter Exchange, 16 Reliance Bldg., Kansas City, Mo.

AUTO SUPPLIES

NEW AND USED AUTO PARTS. TELL US what you want—we have it or will get it for you at a discount of 50 per cent to 95 per cent; all orders given immediate attention; used parts are given rigid inspection before shipment; all parts shipped subject to your inspection; you assume no responsibility in ordering from us as we pay all transportation charges if you are not satisfied. Southwest Auto Parts Co., 117 Southwest Bldg., Kansas City, Mo.

MACHINERY FOR SALE OR TRADE

25-50 AVERY TRACTOR, GOOD AS NEW, at a bargain. Henry Muir, Salina, Kan.

40-80 REEVES PLOWING, THRESHING tractor, like new. Joseph Mall, Wilson, Kan.

15-25 WALLIS FOR SALE, PRICE \$200. Benj. D. Kaufman, Route 1, Moundridge, Kan.

NICHOLS-SHEPARD THRESHING RIG, all complete, cheap. E. L. Nevins, Fairfield, Neb.

25-50 AVERY TRACTOR, 32 AVERY SEP- arator. Good shape. E. H. Ebert, Alexander, Kan.

FLOUR-CITY 30-50 TRACTOR, ALMOST new, for sale or trade. Joe Soderberg, Falun, Kan.

FOR SALE—15-30 OIL PULL, 18 H. P. Advance steam engine. Real bargain. Fred Heckel, Alden, Kan.

FOR SALE: BY CITIZENS BANK, NEW Lauson tractor 15-30 at a sacrifice. Address Mail & Breeze 77.

18-36 AVERY TRACTOR FOR \$1000. BEEN used forty days; in excellent condition. A. J. Friesen, Meade, Kan.

THE STEWART SELF FEEDER FOR threshers. The latest and best. Price \$175.00 and \$190.00. Stewart Self Feeder Co., Springfield, Mo.

DEERING HARVESTER—THRESHER, with auxiliary engine; good shape, cut 300 acres. What have you to exchange? Robert Jewett, Burlington, Kan.

22x36 CASE SEPARATOR, NEARLY NEW; 22-45 Titan 2 cylinder tractor; 3 bottom power lift tractor plow; 4 disc Sanders plow. John Wieser, Nashville, Kan.

AULTMAN-TAYLOR 20 H. P. IN GOOD shape. Repairs for 36x60 Rumely Separator. International Hay Baler with 8 H. P. engine. Roy W. Stevens, Galva, Kan.

FOR SALE—ONE COMPLETE RUMELY threshing outfit, consisting of a 16-30 engine and 28x44 separator, first class condition. \$1,250.00. A. L. Baxter, Ottawa, Kan.

ONE 16-80 RUMELY OIL PULL TRACTOR, one 18-36 Avery tractor, one 15-30 Hart Parr tractor, one 16-35 International tractor, one 28x46 Avery Separator, one 26x46 Case Steel separator. The above machinery is nearly new and ready for the field and priced to sell. F. B. Dickey, Greenleaf, Kan.

MACHINERY WANTED

WANTED: GOOD SECOND HAND SEP- arator, about 32 inch, good running order. Wm. Pahlman, Vassar, Kan.

SEEDS—PLANTS—NURSERY STOCK

PEANUTS—10 QTS. \$1.00, POSTAGE PAID. W. A. Morrison, Hagerman, Texas.

PURE PINK KAFIR, \$1.50 PER BUSHEL. Certified. Grover Lee, Pratt, Kan.

KAFIR SEED: SUNRISE, PURE, HIGH germination. D. E. Hull, Eldorado, Kan.

YELLOW JERSEY SWEET POTATO SEED \$1.00 bushel. Claude Morton, Osage City, Kan.

SEED CORN, REID'S AND 90-DAY RED, \$2.00. Laptad Stock Farm, Lawrence, Kan.

VICTORY SORGHUM SEED: GREATEST sorghum known. W. R. Huston, Americus, Kan.

RAISE SUDAN, RECLEANED SEED 12½c pound, sacked. Charles McKee, Medicine Lodge, Kan.

RED CLOVER—GOOD, RECLEANED SEED at \$10.50 per bushel. D. O. Gifford, Burlington, Kan.

TESTED BLACK HULL WHITE KAFIR seed, \$1.35 bushel F. O. B. B. Fovrea, Brewster, Kan.

ORANGE SOURLESS CANE SEED, CLEAN and pure, 1923 crop. \$4.50 cwt. The Gould Grain Co., Bloom, Kan.

SEEDLING CEDARS \$2.00 PER HUNDRED, by parcel post prepaid. Pawnee Rock Nursery, Pawnee Rock, Kan.

TOMATO, CABBAGE, PEPPER, CELERY, Sweet Potato Plants at reduced prices. Duphorne Bros., Harper, Kan.

SWEET POTATO PLANTS, 16 VARIETIES. Treated for disease. Write for catalog. Johnson Bros., Wamego, Kan.

KLECKLEY SWEET WATERMELON SEED 50c pound; Black Spanish Broom Corn, \$2.00 bushel. Pure Seed Co., Rolla, Kan.

SUDAN GRASS SEED FOR SALE; RE- cleaned, fifteen dollars per hundred. Sacks furnished. Albert Monson, Sharon Springs, Kan.

MIXED CANNA BULBS: DOZEN 60c; 50- \$2.00. Second year Hollyhocks, dozen 25c; 50-\$1.00. Postpaid. Eighty kinds vegetable and flowering plants. Send for price booklet. John Patzel, 501 Paramore, N. Topeka, Kan.

SEEDS—PLANTS—NURSERY STOCK

SQUASH SEED, MOUNTAIN GROWN. Genuine Hubbards. Postpaid, pound 90c; ounce 10c. Plateau Seed Farms, Colbran, Colo.

WHIPPOORWILL AND NEW ERA COW peas for sale; next 30 days \$3.50 per bushel, F. O. B. Hunnewell, Kan. E. T. Jennings.

CANE SEED—ORANGE \$2.00 BU.; SUMAC Cane \$2.25 bu.; Red Kafir, \$1.50 bu.; Sweet Clover \$7.00 bu., my track. W. E. Doud, Eureka, Kan.

BLACK AMBER CANE \$1.75; YELLOW Orange \$2.00; Reid's Yellow Dent seed corn \$1.75. High quality seeds. Friesen Grain Co., Lehigh, Kan.

STRAWBERRY PLANTS—KLONDIKE, 200- \$1.00, 500-\$2.00, 1000-\$3.50. Progressive Everbearing, 100-\$1.00. All postpaid. Ideal Fruit Farm, Stillwell, Okla.

GENUINE NANCY HALL POTATO PLANTS in root protection: 500-98c, 1000-\$1.88 prepaid. Arrival guaranteed. Agents wanted. Kentucky Plant Co., Hawesville, Ky.

KAFIR—DWARF BLACK HULL AND SUN- Rice; pure, tested, re-cleaned, \$1.65 bushel. Sumac \$3.00 bushel; Orange Cane \$2.00 bushel. Sax free. John A. McAllister, Russell, Kan.

DEPENDABLE FRUIT AND SHADE trees, shrubbery, small fruits, roses, vines, perennials, plants, bulbs and supplies. 48 page catalog free. Hutchinson Nurseries, Kearney, Neb.

150 DUNLAP STRAWBERRY PLANTS \$1.00; 100 asparagus plants \$1.00; 100 Kansas black raspberry \$2.00; 20 rhubarb plants \$1.00, prepaid. Albert Pine, Route 6, Lawrence, Kan.

PLANTS—READY NOW. STRONG SASH grown: Cabbage 94 to 5 inches 100-75c, 1000-\$5; tomato 95 to 8 inches, 1c each, 1000-\$5.50. Delivered prepaid. Weaver Gardens, R9, Wichita, Kan.

SWEET POTATO PLANTS POSTPAID, 100- 40c, 500-\$1.40, 1000-\$2.50. Porto Rico, Nancy Hall, Yellow Yam, Triumph, Bunch Yam, Southern Queen, Cuba Yam. Ozark Nursery, Tahlequah, Okla.

WHITE KAFIR \$1.20 PER BU.; RED OR Pink Kafir \$1.20 per bu.; Black Cane \$1.90; Red Orange Cane \$2.00 per bu.; Sudan 14c per lb. All re-cleaned and sacked. D. O. Gifford, Burlington, Kan.

PLANTS: BLOWER, VEGETABLE, VINE, bulb plants; choicest varieties, expert grown, delivered you at planting time, mail or express prepaid. Send name for circular. Weavers Gardens, R. 9, Wichita, Kan.

SUDAN GRASS SEED—WHEELER'S IM- proved, certified pure, germination 95%, bushel measure 50 lbs., re-cleaned, sacked, F. O. B. \$14.00 per cwt. Carl Wheeler, Bridgeport, Kan. Free booklet and sample on request.

CABBAGE AND TOMATOES 50c PER 100; Peppers and Egg Plant 10c dozen or 65c per 100; Sweet Potatoes, Nancy Hall, from certified seed, Yellow Jerseys, 35c per 100; \$2.50 per 1,000. Postpaid. H. T. Jackson, Route 3, North Topeka, Kan.

EARLIANA, STONE, CHAMPION, CHALKS Early Jewel, June Pink tomato plants; Early Wakefield, Early Flat Dutch, Late Flat Dutch cabbage plants, 50c per 100, \$4.00 per 1000, postpaid. Holzer Produce Co., Russell, Kan.

SUMAC CANE SEED \$2.00 PER BUSHEL. Orange \$1.90, Red Amber \$1.75, Feterita \$1.50, Kafir \$1.35, Sudan Grass \$14 cwt. Kleckley Sweet Watermelon Seed 60c per pound. Sacks furnished. Holzer Produce Co., Russell, Kan.

PRIME ALFALFA, \$7.00 BU.; PRIME Sweet clover, \$6.50 bu.; prime Red clover, \$10 bu.; prime Timothy, \$3.00 bu.; Sudan grass, \$6.00 bu. Bags free, F. O. B. Kansas City. Standard Seed Company, Kansas City, Mo.

SEED CORN—REID'S YELLOW DENT, Iowa Silver Mine, Improved Boone County White and White Cap Bloody Butcher. Shelled, graded and sacked, \$2.00 per bushel. Order direct from advertisement or write for samples. Satisfaction guaranteed. Perry H. Lambert, Hiawatha, Brown County, Kan.

SWEET POTATO PLANTS—READY NOW, large plants, strong fibrous roots. From true seed. Yellow Jerseys, Nancy Halls, 200-\$1, 1000-\$4.50. Porto Rico Yams, Southern Queen, Black Spanish 100-\$1, 1000-\$7. Delivered prepaid. Weaver Gardens, R9, Wichita, Kan.

CABBAGE, ONION AND TOMATO PLANTS \$1.00 thousand. Pure bred Porto Rico potato plants, kind Northern markets demand, \$1.50 thousand. Mail or express. Guarantee safe arrival any state. Investigate further. Catalog free. Carlisle Seed & Plant Company, Valdosta, Ga.

FIELD SEEDS, HULLED WHITE BLOOM Sweet clover 12½c, scarified 14c; Orange, Amber and Seeded Ribbon Cane, 4½c; Red Top Cane 6c; German Millet 4c; Black Hull Kafir 2½c per pound, our track; jute bags 20c, seamless bags 40c. Samples on request. The L. C. Adam Merc. Co., Cedarvale, Kan.

FANCY SEED CORN—IMPERIAL WHITE (red cob), Boone County White, Kansas Sunflower, hand picked, tipped, buttered and carefully sorted. Our quality please. 15 years' experience. \$1.75 per bushel sacked. Ten bushel lots \$1.65. Order quick. Wamego Seed & Elevator Company, Wamego, Kan.

PLANTS: SWEET POTATOES, PORTO Rico, Red Bermuda, Nancy Hall, Triumph Big Stem Jersey, Yellow Jersey, 40c-100, \$3.50-1000, \$15.00-5000. Tomatoes, Early June, Pink Early June, Earliana, Chalks Jewel, Dwarf Champion, Truckers Favorite, Matchless, Stone, Dwarf Giant, Ponderosa, Yellow Ponderosa, Mississippi Girl, Yellow Pear, 40c-100, \$3.50-1000, \$15.00-5000. Red Head, best of all tomatoes, almost seedless, early, 20c-25, 75c-100, \$6.50-1000. Some transplanted tomatoes. Price on application. Peppers, leading varieties, including Cayenne, Egg Plant; Cauliflower, Celery, 20c-25, 75c-100, \$6.50-1000. Cabbage, leading varieties including Norseman, 35c-100, \$3.00-1000. Orders sent by mail include 10% to cover postage for first and second zone, 15% to third and fourth zone. All orders will receive prompt attention. Satisfaction guaranteed. C. R. Goerke, Sterling, Kan.

SEEDS, PLANTS AND NURSERY STOCK

FOR SALE—CERTIFIED SEED OF SOR- gos, Kafir, Sudan Grass and Corn. For list of growers send to the Kansas Crop Improvement Association, Manhattan, Kan.

KODAK FINISHING

KODAK ALBUM FREE. SAMPLE ROLL finished and full particulars for 25c. Reed Studio, Norton, Kan.

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

TOBACCO

TOBACCO—KENTUCKY'S PRIDE, RICH, mellow chewing, ten pounds \$3; smoking, ten pounds \$27 twenty pounds \$3.50. Farmers Club, Mayfield, Ky.

LEAF TOBACCO—3 YEARS OLD. EXTRA fine quality. None better. Pay for tobacco and postage when received. Chewing 5 lbs. \$1.75; 10 lbs. \$3.00. Smoking 5 lbs. \$1.50; 10 lbs. \$2.50. Farmers' Union, Hawesville, Ky.

HONEY

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.

FOR THE TABLE

5½ POUNDS FULL CREAM CHEESE \$1.65 postpaid in Kansas. Roy C. Paul, Moran, Kan.

MISCELLANEOUS

NEVER FAILING FISTULA REMEDY, guaranteed. Steele & Company, Abilene, Kan.

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THE GOLDEN BOOK—MISCELLANEOUS historical data of the Wanamaker business up to 1911, in bound book form, of probable interest to business schools and young business people, will be furnished on request, in quantities up to one hundred, expressage collect. Address, Wanamaker's Philadelphia, Pa.

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REGISTERED AIREDALE PUPS FOR sale cheap. Roy Kirby, Bucyrus, Kan.

CHOICE COLLIE PUPS, NATURAL HEEL- ers. Maxmeadow Kennels, Clay Center, Neb.

BARGAINS: AIREDALES AND HOUNDS. Write for particulars. Robt. Moore, Wells, Kan.

SHEPHERD PUPPIES, NATURAL HEEL- ers, females \$3.00. Curg Radcliffe, Hill City, Kan.

SCOTCH COLLIE PUPS, NATURAL HEEL- ers, \$3.00 and \$5.00. F. C. McLaughlin, Waverly, Kan.

FINE AIREDALE PUPS: MALES \$15.00; females \$12.50. Certified pedigree. C. V. Tucker & Sons, Harvard, Neb.

PAIR RUSSIAN WOLF HOUNDS, 14 months old, thirty-six inches high, white with black markings, very fast. D. D. Wakelee, Alamosa, Colo.

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POULTRY

Poultry Advertisers: Be sure to state on your order the heading under which you want your advertisement run. We cannot be responsible for correct classification of ads containing more than one product unless the classification is stated on order.

Andalusian—Eggs

BLUE ANDALUSIAN EGGS, \$1.50-15; \$8.00- 100. C. J. Stout, 1513 W. So. Ave., Emporia, Kan.

ANDALUSIANS—PURE BLUE; EGGS \$6.50- 100. S. C. Red eggs \$5.00-100. A. Mullen-dore, Holton, Kan.

EGGS—BLUE ANDALUSIANS, \$1.50-15; \$6.50-100, prepaid. 14 years breeder, John Huber, LaCrosse, Kan.

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EGGS \$5.00 HUNDRED. THREE PENS pure bred, pedigree, trap-nested Anconas. Mating list free. Martin's Ancona Pens, Brookville, Kan.

SINGLE COMB ANCONAS. SHEPPARD direct foundation. Choice range flock. Egg orders filled promptly. \$5.00-100. Chicks \$15.00. Prepaid, guaranteed delivery. Member both clubs: Jno. R. Baker, Downs, Kan.

Ancona—Eggs

SHEPPARD'S ANCONAS. EGGS \$4.75-100, prepaid. Mrs. Anton Friska, Hanover, Kan.

S. C. ANCONA EGGS. GOOD LAYERS. \$4.75-100 prepaid. C. D. Glenn, Sawyer, Kan.

PURE SHEPPARD'S STRAIN SINGLE Comb Mottled Anconas. Selected eggs, \$4.50-100. Martha Greenwood, Clifton, Kan.

SINGLE COMB ANCONAS, SHEPPARD strain hens and pullets, Royal strain cocks, Norris-Gies cockerels, \$6.00-100, \$1.25-15. Mrs. Mary Bates, Dighton, Kan.

SINGLE COMB ANCONAS, SHEPPARD strain. Cockerels Ash's direct. Choice range flock. Eggs 100-\$5.00. Chicks, \$1.00. Prepaid. Anna Gillen, Downs, Kan.

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LIGHT BRAHMA EGGS AND CHICKS. Toulouse goose eggs. Lucretia Selmeers, Howard, Kan.

Brahma—Eggs

PURE BRED MAMMOTH LIGHT BRAHMAS. 15 eggs \$2.00; 100-\$6.00. Cora Lilly, Westphalia, Kan.

LIGHT BRAHMA AND FISHEL WHITE Rocks. Eggs 100-\$7.50; 15-\$1.50. Mrs. Harry Hayman, Formoso, Kan.

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ANCONA CHICKS, 12 CENTS. HEAVY winter layers. Carl Stirtz, Abilene, Kan.

CHICKS—7c UP. CATALOG FREE. LEADING varieties. Colonial Hatcheries, Windsor, Mo.

SINGLE COMB BUFF LEGHORN BABY cockerels, 60c each, 10 for \$5.00. Irl Snyder, Effingham, Kan.

PURE S. C. BUFF LEGHORN BABY chicks, 12c each. Postpaid. Mrs. Archie Hill, Clay Center, Kan.

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CHICKS 8c UP. TWELVE VARIETIES. Best laying strains. Catalog free. Missouri chickeries, Clinton, Mo.

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PURE BRED CHICKS: POSTPAID. LEGHORN \$10, others \$12. Circular free. Ideal Hatchery, Eskridge, Kan.

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VERY GOOD CHICKS 6 TO 15 CENTS EACH. Guaranteed alive anywhere. They live, lay and pay. Goldie McKee Hatchery, Harlan, Kan.

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BABY CHICKS—HEAVY CROSSED. 100-\$11; White Leghorns, \$12.50-\$15; Rocks, \$15-\$20. Cochran Hatchery, 3149 Sutton, Maplewood, Mo.

LARGE DARK ROSE COMB REDS, HOGANIZED. Bred for eggs, shape, color, long backs, low tails. Chicks 15c prepaid. Mrs. Albert Haun, White City, Kan.

PURE BRED CHICKS—WHITE WYANDOTTES 12 cents, Reds, Rocks and Orpingtons 11 cents, Leghorns 10 cents. Golden Rule Hatchery, Eskridge, Kan.

KANSAS' ONLY EXCLUSIVE SINGLE Comb White Leghorn hatchery. Prices reduced, May and June. Everlaying strain. Myers Hatchery, Clay Center, Kan.

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CHICKS—PURE ROSE COMB REDS, heavy layers. Cockerels 2 years from 300 egg strains. 15c prepaid. Satisfaction guaranteed. Adda Walker, White City, Kan.

CHICKS—S. C. WHITE LEGHORNS, BARRON'S heavy year round layers, \$12.00 per hundred, live delivery and satisfaction guaranteed. Queen Hatchery, Clay Center, Kan.

YOUNKIN'S CHICKS—9c UP. BARRED Rocks, White Rocks, S. C. Anconas and S. C. White Leghorns. Postpaid. 100% live delivery. Younklin's Hatchery, Wakefield, Kan.

QUALITY CHICKS: WHITE, BARRED Rocks, Reds, \$14. White Leghorns, Anconas, \$12. Order direct. Bank reference. Silver Spring Hatchery, Box 97, Abingdon, Ill.

CHICKS—WHITE, BROWN, BUFF LEGHORNS, 15 cents; Anconas 16 cents; Rhode Island Reds 19 cents delivered. Breeds bred to lay. White Leghorn Hatchery, Holyrood, Kan.

RUSSELL'S STRAIN PURE SINGLE COMB Brown Leghorn baby chicks 12 cents; eggs \$5.00-100. Heavy laying strain. Delivery guaranteed. Mrs. V. Young, Melvern, Kan.

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BABY CHICKS FROM PURE BRED, HIGH producing stock. S. C. White Leghorns 12 cents; R. I. Reds 14 cents postpaid. Satisfaction guaranteed. C. G. Cook, Lyons, Kan.

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CHICKS. PURE BRED-TO-LAY. LEADING varieties. Low prices. Our instructive catalog free. We hatch our own chicks. Huber's Reliable Hatchery, Dept. A, Hiawatha, Kan.

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ROSS BABY CHICKS—THREE HUNDRED and Fifty Thousand strong, vigorous chicks. All flocks Hogan tested. Anconas, Leghorns, White and Buff; Rocks, White and Barred; Reds, S. C. and R. C.; White and Buff Wyandottes; Buff Orpingtons. Hatched the electric way, the greatest incubator system in the world. A cooling system as well as a heating system which makes it impossible to overheat eggs, forced draft circulation. Prepaid live delivery. Write for prices. Ross Hatchery, Junction City, Kan.

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WILD MALLARD DUCK EGGS, \$1.75-12, postpaid. Lawrence Feigley, Enterprise, Kan.

MAMMOTH PEKIN DUCK EGGS, \$1.50 per 12, postpaid. Mrs. R. E. Hobbie, Tip-top, Kan.

BUFF ORPINGTON DUCKS—LAY, weigh, pay. Eggs prepaid, 13-\$2.15. Mrs. Chas. Snyder, Effingham, Kan.

FAWN INDIAN RUNNER DUCK EGGS, fine laying strain, \$1.25 per setting of 12, postpaid. Mrs. M. Crist, Marion, Kan.

Ducks and Geese—Eggs

FAWN AND WHITE INDIAN RUNNERS. Heavy laying strain. Eggs \$1.25 per setting of 12. Mrs. Helen Romary, Olivet, Kan.

ENGLISH, PENCILLED RUNNER DUCK eggs. Heavy layers. 14-\$1.25, 100-\$5.50. Prepaid. Mrs. Cameron Smith, Durham, Kan.

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

BARRON'S ENGLISH WHITE LEGHORNS. Eggs \$5.00 and \$10.00 per 100. Chicks \$15.00. Catalog free. Royal Oaks Poultry Farm, Cabool, Mo.

WHITE LEGHORNS. FERRIS 300 EGG strain. Hoganized. Eggs 100-\$6.00. Chicks 100-\$12.00. Postpaid. Satisfaction guaranteed. Rohrer Leghorn Farm, Osawatomie, Kan.

BARRON'S WHITE LEGHORNS FROM trapnest, pedigreed stock direct from importer. Hoganized. Range eggs \$5.00-100. Chicks \$15. Mrs. Royal Ramsay, Beloit, Kan.

Leghorn—Eggs

HOGANIZED WHITE LEGHORN EGGS \$4 hundred. Jack Smith, Deerfield, Kan.

SINGLE COMB BUFF LEGHORN EGGS, \$5.00-100. Elmer Brubaker, Holton, Kan.

SINGLE COMB BUFF LEGHORN EGGS, \$3.00-100. H. F. Richter, Hillsboro, Kan.

PURE ROSE COMB BROWN LEGHORN eggs 3 1/2c. Mrs. Chas. Line, Haddam, Kan.

S. C. BUFF LEGHORNS, HOGAN TESTED hens; 100 eggs \$4.50. J. A. Reed, Lyons, Kan.

PURE ROSE COMB BROWN LEGHORN eggs 4c each. Prepaid. Eva Duvall, Concordia, Kan.

S. C. GOLDEN BUFF LEGHORNS. EGGS 108-\$4.50. Chicks 13c. Herbert Rhodes, Clifton, Kan.

SINGLE COMB BLFF LEGHORN EGGS \$5.50 per 100 postpaid. Irl Snyder, Effingham, Kan.

PURE ROSE COMB BROWN LEGHORN eggs \$4.00-100. Postpaid. Mrs. Art. Johnston, Concordia, Kan.

STATE CERTIFIED SINGLE COMB BUFF Leghorn eggs, \$5.00-108 prepaid. Mary Moyer, Oakhill, Kan.

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PURE LARGE TYPE EVERLAY S. C. Dark Brown Leghorn eggs, \$4.50-100. Martha Greenwood, Clifton, Kan.

BIG ENGLISH WHITE LEGHORNS. Selected fertile eggs, 15-\$1.50; 100-\$5.00. Mrs. Anna Hackett, Maryville, Mo.

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SINGLE COMB BUFF LEGHORN EGGS from prize winning stock. \$5.00-100, \$1.00-15. Geo. W. Hunt, Blue Rapids, Kan.

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SINGLE COMB BUFF LEGHORN EGGS, \$4.50-100. From prize winning stock. Extra layers. Mrs. Ernest A. Reed, Lyons, Kan.

ENGLISH BARRON 282-317 WHITE LEGHORNS; 108 eggs, prepaid, guaranteed, \$4.50. Chicks. Oakview Poultry Farm, Gaylord, Kan.

DIGNAN'S QUALITY BUFF S. C. LEGHORNS, winners, layers. Eggs, postpaid, 115-\$5.00; 240-\$10.00. Mrs. Jas. Dignan, Kelly, Kan.

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S. C. BUFF LEGHORN EGGS. CERTIFIED. Best record in variety in two national egg laying contests. \$6.50-110. Mrs. C. H. Dear, Riverdale, Kan.

KULP ROSE COMB BROWN LEGHORN, culled layers, winners, \$5.00 per 100. Chicks 15c each. All postpaid. Mrs. H. H. Spielman, Seneca, Kan., Route 5.

SINGLE COMB BUFF LEGHORNS. PRIZE winners, bred for egg production. 100-\$4.50; pen \$2.00 setting. Satisfaction guaranteed. S. E. Corman, Culver, Kan.

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BARRON'S ENGLISH SINGLE COMB White Leghorns, 250-324 egg records, 100 eggs \$4.50, postpaid. Fertility guaranteed. Henry Wegman, Jr., Route 4, Sabetha, Kan.

SINGLE COMB DARK BROWN LEGHORNS. Everlay blood predominating, sires direct. Winners, layers. Eggs \$5.50-100 postpaid. Mrs. Harvey Crabb, Bucklin, Kan.

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EGGS, BARRON'S STRAIN SINGLE COMB White Leghorns, 272-314 egg line. Attractive prices, fertility guaranteed. Prepaid. Circular free. W. E. Phillippi, Sabetha, Kan., Route 2.

ENGLISH WHITE LEGHORNS. ALL foundation stock of 230 to 290 egg hens. Flock headed by 350 sire of 301 egg hen. \$5.00 per 100. R. D. Cadwell, Route 2, Lawrence, Kan.

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HOUDANS—PURE BRED HOUDAN EGGS, 15-\$2.25, 45-\$5.50, postpaid. Henry Haberman, Great Bend, Kan.

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ROSE COMB SILVER SPANGLED HAMBURG eggs; 15-\$1.25, 100-\$6.50, prepaid. Walter Tosh, Valley Falls, Kan.

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PURE BRED WHITE LANGSHANS, EGGS, Chicks; guaranteed pens. Baby cockerels. Sarah Grelsle, Altoona, Kan.

PURE BRED BLACK LANGSHANS. EGGS 15-\$1.50, 100-\$6.00. Chicks 20 cents. Mrs. O. L. Summers, Beloit, Kan.

Langshan—Eggs

PURE WHITE LANGSHAN EGGS, \$5.00 per hundred. Tell Corke, Quinter, Kan.

PURE BRED WHITE LANGSHAN EGGS, 15-\$1.00, 100-\$6.00. C. C. Koehn, Halstead, Kan.

PURE BRED BLACK LANGSHANS, EGGS, \$5.50 per 100. Baby Chicks \$16.00 per 100. Jenking Poultry Farm, Jewell, Kan.

PURE BRED PRIZE WINNING WHITE Langshans; eggs per 100, \$5.00; per setting, \$1.50, delivered. Mrs. Wm. Gough, Chanute, Kan.

BLACK LANGSHANS. RANGE STOCK. Excellent layers. Eggs 15-\$1.25, 100-\$6.00. Chicks 15c prepaid. Mrs. J. B. Stein, Belaire, Kan.

PURE BRED WHITE LANGSHAN EGGS, 75 per cent fertility guaranteed. Extra large prize winning strain, farm range. \$5.00 for 100. Lee Kepler, Altoona, Kan.

Minorca—Eggs

LARGE TYPE S. C. BLACK MINORCA Eggs, 100-\$5.00. Chicks, \$15.00. Herbert Rhodes, Clifton, Kan.

SPECIAL PRICE ON BLACK MINORCA eggs, \$6.00-100. Guaranteed fertile. Helen Neill, Clay Center, Kan.

PURE GIANT STRAIN SINGLE COMB Black Minorca eggs \$5.00-100. Martha Greenwood, Clifton, Kan.

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SINGLE COMB BUFF ORPINGTON EGGS, \$4.75-100, prepaid. Mrs. Mabel Marshall, Clifton, Kan.

S. C. WHITE ORPINGTON EGGS; \$1.50-15, \$6.00-100, prepaid. Mrs. Wm. Imhoff, Hanover, Kan.

BUFF ORPINGTON EGGS; FREE RANGE, winter layers, \$6.00 per 105. D. H. Wenger, Peabody, Kan.

PURE S. C. BUFF ORPINGTONS. GOOD layers. \$4.75-100, \$1.00-15, prepaid. Elmer Graves, Clifton, Kan.

WHITE ORPINGTON EGGS, \$6.00 HUNDRED, prepaid. Kellerstrass strain. Bessie Crocker, White City, Kan.

BUFF ORPINGTON EGGS. RANGE flock. \$4.50-100, \$2.50-50. Postpaid. Mrs. Fred Swoveland, Burr Oak, Kan.

PURE BRED SINGLE COMB BUFF ORPINGTON Eggs, \$5.50 per hundred, prepaid. Mrs. George McAdam, Holton, Kan.

EGGS—BUFF ORPINGTON. HEAVY LAYERS, hardy free range, 15-\$2.00; \$7.50 per 100. Mrs. E. O. Farrar, Abilene, Kan.

PURE BRED BUFF ORPINGTON HATCHING eggs, \$5.50-100, \$1.00 setting, postpaid. Wm. Scherman, Olathe, Kan., Route 1.

COOK STRAIN PURE S. C. BUFF ORPINGTON eggs, \$6.00 per 100. Baby chicks 25c each. Mrs. John Hough, Wayne, Kan.

SINGLE COMB BUFF ORPINGTON EGGS. Byer strain hens mated to Cook's prize winning cockerels.

PLYMOUTH ROCKS

BARRED ROCKS, DEEP BARRING, EGG producing type. Matings 15-\$5.00. Selected range 15-\$2.00, 100-\$6.00. Hens, cockerels, \$3.00. Mrs. J. B. Jones, Abilene, Kan.

Plymouth Rock—Eggs

WHITE ROCK EGGS, \$5.00 HUNDRED. Frank Skalicky, Wilson, Kan.

EGGS: ARISTOCRAT BARRED ROCKS, 15-\$1.75. M. Moss, Cheney, Kan.

RINGLET BARRED ROCK EGG, \$6.00 PER 100 post paid. Homer Perry, Clyde, Kan.

100 BUFF ROCK EGGS \$5.00, 50-\$2.75. Mrs. Maggie E. Stevens, Humboldt, Kan.

BARRED ROCK EGGS, 15-\$1.50; 50-\$3.50; 100-\$6.00. Sylvan Miller, Humboldt, Kan.

RINGLET BARRED ROCK EGGS, 100-\$4.50; setting 75 cents. Geo. Rhorer, Lewis, Kansas.

WHITE ROCK EGGS \$5.00 HUNDRED. Chicks fifteen. Frank Applebaugh, Cherryvale, Kan.

ARISTOCRAT BARRED ROCKS, 15-\$3.00, 100-\$8.00. Mrs. Mattie Gillespie, Route 5, Elk City, Kan.

BUFF ROCKS, PRIZE STRAIN, EGGS: setting \$1.25, 100-\$6.50. Mrs. Robt. Hall, Neodesha, Kan.

PURE BRED BUFF ROCK EGGS, RANGE flock, \$5.00-100, \$3.00-50. Peter Davies, Osage City, Kan.

WHITE ROCK EGGS, 100-\$5.00. CHICKS, 12 cents each, prepaid. Mrs. Theodore Steffen, Broughton, Kan.

PARK'S LARGE BARRED ROCKS, HEAVY layers, \$4.00-100. Baby chicks, Mrs. Roy Pierce, Linwood, Kan.

RINGLET BARRED ROCK EGGS, \$5.00-100; chicks 15c each, prepaid. Mrs. Lynn Bailey, Lyndon, Kan.

WHITE ROCK EGGS, COCKERELS WITH 200 egg record and over, \$4.00-100. David Loewen, Hillsboro, Kan.

BUFF ROCK EGGS, \$2.00-15, \$5.00-50, \$8.00-100. Exhibition, egg laying qualities. Emory Small, Wilson, Kan.

BUFF ROCKS TWENTY-ONE YEARS. Eggs \$6.00 hundred, \$3.00 fifty. Mrs. Homer Davis, Walton, Kan.

BARRED ROCK, LARGE BONE, YELLOW legs, heavy laying; 100 eggs \$5.00. Mrs. Lewis G. Olsen, Dwight, Kan.

BARRED ROCK EGGS, HOGANIZED, heavy winter layers. 30-\$2.25, 100-\$6.00. Frank Armstrong, Columbus, Kan.

WHITE ROCK EGGS, DRUM'S WINTER lay, 200 egg strain, \$1.00-15, \$5.00-100. Mrs. Frank Sutter, Effingham, Kan.

PURE BUFF ROCK EGGS, \$6.00 HUNDRED. Prize winning stock, weight to 8 1/2 lbs. Mrs. Hedgespeth, Wilsey, Kan.

WHITE ROCK EGGS, FLOCK HEADED by cockerels with over 200 egg record. \$4.00-100. C. L. Loewen, Hillsboro, Kan.

WHITE ROCK EGGS FROM CERTIFIED flock, Grade A, 15-\$2.00, 50-\$4.00, 100-\$7.00. J. R. Applebaugh, Cherryvale, Kan.

BARRED ROCK EGGS, RINGLET EXHIBITION and 290 egg strain, 15-\$2.00, 50-\$4.00, 100-\$7.00. A. G. Hammond, Vinland, Kan.

WHITE ROCKS EXCLUSIVELY. FARM range. Heavy laying strain, Eggs \$6.00 per hundred. Mrs. Sam Lash, Abilene, Kan.

BARRED ROCKS—BRADLEY STRAIN. Large bone, yellow legs, heavy layers. 100 eggs \$6.00, 15-\$1.25. Mrs. Ira Emig, Abilene, Kan.

BUFF ROCK EGGS, PURE BRED, VIGOROUS farm stock, heavy laying strain. Postpaid, 15-\$1.50, 100-\$7.00. Frank J. Landes, Abilene, Kan.

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RINGLET BARRED ROCKS, HEAVY LAYING strain, 25 years breeding; eggs \$1.25 per 15, \$6.00 per 100, prepaid. Mrs. Helen Romary, Olivet, Kan.

PURE BARRED ROCK EGGS, SELECTED heavy winter layers. Range. Fifteen, \$1.00, fifty \$3.00, hundred \$5.00. Postpaid. G. C. Drescher, Canton, Kan.

PURE BUFF ROCKS, BRED FROM CHICAGO, Milwaukee and Topeka winners. Eggs 15-\$1.25, 50-\$3.00, 100-\$5.00. Mrs. C. N. Mason, Uniontown, Kan.

BARRED ROCK EGGS FOR HATCHING. On receipt of \$1.35 we will mail one setting of eggs from our high grade flock. Ben B. Perry, Jarbalo, Kan.

BARRED ROCKS, PURE BRED, PRIZE winners and egg producers. Eggs prepaid, \$1.25 per 15, \$3.00 per 50, \$5.50 per 100. Mrs. James Dilley, Beatrice, Kan.

BUFF ROCK EGGS FROM LAYING strain for sale. \$6.00-100, \$3.50 for 50. Headed by cockerels costing 25 cents an egg. Clarence Malen, Lewis, Kan.

SELECTED WHITE ROCK HENS FROM 200 egg trapnested ancestors, again mated to males with records of over 200 eggs. \$5.00-100, \$1.25-15. H. C. Loewen, Peabody, Kan.

BARRED ROCK EGGS FOR HATCHING. Stock direct from Holterman of Indiana. First prize cock Topeka show. 15 eggs \$5.00; some for \$2.00. J. D. Dauber, Route 2, Atchison, Kan.

PURE BARRED ROCKS, BRED FOR SIZE, barring, high egg production. 100-\$6; 200-\$11.00; 15-\$1. Postpaid. Choice pen, male, Bradley direct, 15-\$5. Mrs. S. Van Scoyoc, Oak Hill, Kan.

PURE BRED, HIGH PRODUCING WHITE Rocks. Sixteen years selective breeding. Eggs \$1.50 per 15; \$6.00 per 100, prepaid. Baby chicks 12 1/2c. H. L. White, Route 6, Independence, Kan.

BUFF PLYMOUTH ROCK EGGS, STOCK bred from first prize winners Chicago, Kansas City, World's Fair, \$3 per fifteen, \$10 per hundred. Established twenty years. Catalog free. C. R. Baker, Abilene, Kan.

PURE BRED WHITE ROCKS, SEVEN years exclusive breeding. Farm range. Eggs \$8.00 per 100, \$3.50 per 50, \$1.25 per 15. Mrs. Dode McMillin, Route 4, Quenemo, Kan.

BLUE RIBBON WINNERS. PURE Barred Rock eggs; large bone, heavy laying strain, 19 prizes won at one show, \$1.25 setting, \$3.25-50, \$6.00-100. Mrs. William Garreits, McPherson, Kan.

1000 Eggs—1 Order

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RHODE ISLANDS

COCKERELS—SINGLE COMB REDS. A few choice breeders left, \$3.00 and up. Boyd & Graham, 1926 Bolles Avenue, Topeka, Kan.

LONG BROAD BACKS, DARK EVEN RED Rose Comb Rhode Islands. Eggs fifteen \$1.00, hundred \$5.00. Chicks 18c. Walter Baird, Deerhead, Kan.

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

REDUCTION SALE; MAKING ROOM FOR chicks. Rose Comb Rhode Islands, dark red, bred for size, color, shape, eggs. Hens \$1.25; unrelated cockerels \$2.00. Walter Baird, Deerhead, Kan.

HEAVY BONED DARK RED ROSE COMB Reds. Tested. Laying strain. Have bred them 20 years. Cockerels \$2.50 and up. Describe markings wanted. Your money back if dissatisfied. Pulletts, eggs. Highland Farm, Hedrick, Iowa.

Rhode Island—Eggs

SINGLE COMB REDS; 100 EGGS \$5.00. Gertrude Haynes, Grantville, Kan.

CHICKS: ROSE COMB WHITES, \$14.00-100, prepaid. Mary Johnson, Norwich, Kan.

ROSE COMB REDS, 100 EGGS \$6.00, 50-\$3.50, postpaid. Clark Isenagie, Winfield, Kan.

LARGE BONED DARK ROSE COMB RED eggs, \$5.00-100. Lida Marsh, Deerhead, Kan.

DARK, EVEN SINGLE COMB RED EGGS, 100-\$6.00. Postpaid. Thos. D. Troughton, Wetmore, Kan.

DARK ROSE COMB REDS, BEAN STRAIN. Eggs 100-\$7.00; 50-\$4.00. Mrs. D. W. Shipp, Belleville, Kan.

ROSE COMB R. I. WHITE EGGS, \$6.00-100; Chicks \$15.00-100, prepaid. Mrs. B. B. Koehn, Halstead, Kan.

S. C. REDS, HEAVY LAYERS. EGGS \$5.00 hundred. Chicks 12 cents each. Lettie Vining, Mahaska, Kan.

PURE BRED DARK ROSE COMB RED eggs, 30-\$2.50, 100-\$6.00. Chicks 15c. Lucy Ruppenthal, Lucas, Kan.

PURE BRED DARK ROSE COMB RED eggs, 100-\$6.00, postpaid. Free range. Mrs. Chas. Lewis, Wakefield, Kan.

DARK ROSE COMB REDS, HEAVY LAYERS, free range, eggs 100-\$6.00; 50-\$3.25. Mrs. Albert McKenney, Peru, Kan.

LARGE DARK SINGLE COMB (RICK-secker's) Reds, thrifty culled farm flock. Eggs 15-\$1.00. Mrs. Murdock, Lyndon, Kan.

LARGE DARK RED S. C. EGGS FROM prize winning panned stock, heavy layers, \$7.00 hundred postpaid. J. C. Day, Allen, Kan.

DARK EVEN SHADE SINGLE COMB Reds, pure Mahood strain, pen \$3.00-15, range \$5.00-100. Prepaid. Charley Butts, Toronto, Kan.

SINGLE COMB RHODE ISLAND REDS. Exhibition and egg qualities. \$5.00-100, postpaid. Guaranteed. Mrs. Dan Williams, Wetmore, Kan.

EGGS SIX DOLLARS HUNDRED. LARGE dark red Rose Comb pure bred Rhode Island Reds. Prepaid, insured post. Mary Shields, Barnes, Kan.

ROSE COMB RED EGGS, LARGE, DARK heavy layers, scientifically culled. Hundred \$6.00, fifty \$3.50, postpaid. Mrs. Fred Hugg, Manchester, Kan.

ROSE COMB REDS. EXHIBITION PENS 15 eggs \$5.00, 50-\$10.00. Special color pens 15-\$2.00, 50-\$4.50. Range 100-\$6.00. Alice Clinkenbeard, Wetmore, Kan.

ROSE COMB REDS, LARGE, DARK RED pedigreed stock. Records up to 300 eggs. \$6.00 per 100 prepaid. Ask for circular. Mrs. Della Unruh, Galva, Kan.

DARK ROSE COMB RHODE ISLAND Reds, Imperial 250 egg strain, prize winners. \$6.00-100, \$3.50-50, \$1.25 setting. Prepaid. J. H. Carney, Peabody, Kan.

ROSE COMB RHODE ISLAND WHITE eggs; Hoganized hens mated to cockerels from 200 egg trapnested hens, \$1.00-15; \$6.00-105. Chicks 20c. Minnie Fridley, Wamego, Kan.

Rhode Island—Eggs

LARGE DARK RED SINGLE COMB EGGS, 15-\$1.50, 100-\$7.00. From prize winning, trapnested stock, records 237-264. Mrs. Frank Smith, Rt 2, Lawrence, Kan.

ROSE COMB RED HENS PROGENY \$35.00 to \$50.00 male birds mated to birds costing \$5.00 to \$15.00. Reduced prices. Eggs 30-\$2.50; 50-\$4.00; 100-\$7.00. W. R. Huston, Americus, Kan.

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PURE BRED SINGLE COMB RHODE Island Red hatching eggs. Panned flocks. Extra good laying strain. The large type chickens. \$1.00-15, \$6.00-100. Mrs. F. C. Carney, Peabody, Kan.

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SINGLE COMB RED EGGS, STOCK BRED from first prize winners Chicago, Kansas City, World's Fair, \$3 per fifteen, \$10 per hundred. Established twenty years. Catalog free. C. R. Baker, Abilene, Kan.

PURE BRED ROSE COMB REDS, EXTRA large, dark brilliant red. Prize winning stock. Flock headed by blue ribbon winner. Selected by Judge Scott for high egg type, shape, color. Eggs \$1.50-15, \$4.00-50, \$7.00-100, postpaid. Mrs. Arthur Woodruff, Mittonvale, Kan.

TURKEYS

A FEW NICE BRONZE TOMS, \$15.00. Mrs. Burg, Lakin, Kan.

PURE GOLDEN BRONZE TOMS, 30 LBS., \$10.00; hens, 18 lbs., \$8.00. Eggs 50c each. Mrs. Fred Walter, Wallace, Neb.

Turkey—Eggs

EGGS, 40 LB. TOMS, 12 for \$10.00 Mrs. S. F. Crites, Florence, Kan.

MAMMOTH BRONZE EGGS \$4.50 FOR 10, prepaid. Mrs. Burton, Holly, Colo.

MAMMOTH NARRAGANSETT EGGS, 10-\$5.00. Bessie Youmans, Milan, Kan.

BRONZE TURKEY EGGS FOR SALE, 50 cents each. Perl Elliott, Glade, Kan.

BOURBON RED TURKEYS, FINEST stock; eggs \$5.00-11. Lida Marsh, Deerhead, Kan.

PURE WHITE HOLLAND TURKEY EGGS, \$5.00-12 post paid. Mrs. Herbert Rhodes, Clifton, Kan.

BOURBON RED TOMS, \$10. Eggs 12-\$6.50, postpaid. Roxy Loomis, Diamond Springs, Kan.

GOLDBANK MAMMOTH BRONZE TURKEY eggs, 50 cents each. Mrs. Middleton, Route 2, Chetopa, Kan.

PRIZE WINNING WHITE HOLLAND TURKEYS, extra large; eggs 75 cents each. M. E. Burt, Offerle, Kan.

BOURBON RED TURKEYS, CHOICEST stock. Eggs \$5.00 per 10. Mrs. Clyde Meyers, Fredonia, Kan.

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MAMMOTH GOLDBANK BRONZE EGGS from Bird Bros. tom, Hens bred from 50 pound prize tom. \$1.00 each. Guaranteed safe delivery. B. Ely, Kinsley, Kan.

Turkey—Eggs

WHITE HOLLAND TURKEY EGGS, 12-\$3.00. Harry Knoll, Portis, Kan.

EGGS, FROM PURE BOURBON REDS State show prize winning stock. Dark red, all white markings. \$6.00 per 12. Mrs. Jake Royer, Gove, Kan.

MAMMOTH BRONZE TURKEY EGGS FOR sale, from mated pens; eggs 50c each, 11-\$5.00, 22-\$10.00. Can fill orders promptly. Collins Ranch, Kit Carson, Colo.

MAMMOTH GOLDBANK BRONZE TURKEYS, from Madison Square, Chicago and St. Louis prize winners. Eggs \$1.00, 11 for \$10. E. Bidelman, Kinsley, Kan.

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BEAUTIFUL SILVER WYANDOTTE cockerels. Eggs. Mrs. Edwin Shuff, Plevna, Kan.

Wyandotte—Eggs

WHITE WYANDOTTE EGGS \$5.00-100. Mrs. O. O. Richards, Beverly, Kan.

WHITE WYANDOTTE EGGS, 100-\$5.00. Mrs. Emma Arnold, Manhattan, Kan.

WHITE WYANDOTTE EGGS, \$1.50 PER 15, state certified. Mrs. Ella Beal, Colony, Kansas.

PURE COLUMBIAN WYANDOTTE EGGS, 15-\$1.00, 100-\$6.00 prepaid. H. E. Glantz, Blson, Kan.

BRED-TO-LAY WHITE WYANDOTTES, 15 eggs \$1.25; 100-\$4.00. J. Lilly, Westphalia, Kan.

TODD'S SILVER WYANDOTTE EGGS, \$1.25 per 15, prepaid. C. C. Abercrombie, Barnard, Kan.

WHITE WYANDOTTES, PRIZE WINNERS, extra layers, \$5 per 100. Mrs. Harry Barnes, Marion, Kan.

CHOICE PURE SILVER WYANDOTTE Eggs, \$6.00-100, \$3.00-60, prepaid. Mrs. A. Girard, Madison, Kan.

PURE BRED KEELER STRAIN WHITE Wyandotte eggs, \$6.00 per hundred. Saddle Springer, Manhattan, Kan.

WHITE WYANDOTTE EGGS FOR HATCHING; record layers. Catalog free. Mrs. A. J. Higgins, Effingham, Kan.

BABY CHICKS AND EGGS FROM REGAL Dorcas White Wyandottes. North Willow Poultry Ranch, Coffeyville, Kan.

FLOCK'S WHITE WYANDOTTE FARM, Clay Center, Kan., Henrietta Strain; eggs \$8.00-100. Free mating list.

WHITE WYANDOTTE EGGS, MARTIN-Keelers direct; prize pen 15-\$3.00; range 100-\$6.00. H. O. Collins, Fontana, Kan.

WHITE WYANDOTTE EGGS: BARRON'S laying strain, 15-\$2.00, 100-\$9.00, prepaid. Guarantee 60% hatch. H. A. Dresler, Lebo, Kan.

BEAUTIFUL SILVER WYANDOTTES, Eggs \$1.50 fifteen, \$6.50 hundred. Hogan tested. Mrs. Phillip Schuppert, Arrington, Kan.

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PRIZE WINNING WHITE WYANDOTTES, extra layers, closely culled, safe delivery guaranteed, 100-\$5.00. David Wenger, Whiting, Kan.

SILVER LACED WYANDOTTE EGGS, Prize winning stock, heavy layers. \$3-\$2.50, 60-\$4.50. Mrs. Mary Slinger, Rt. 3, Lincoln, Kansas.

WHITE WYANDOTTES, KEELER STRAIN direct; Partridge Wyandottes. All pens \$2.50 per 15; range \$6.00 per 100. Mrs. O. E. Collins, Paola, Kan.

PRIZE WINNING REGAL DORCAS strain direct from Martin White Wyandotte eggs now \$6.00-100, \$3.50-50, prepaid. Mrs. B. L. Carney, Marion, Kan.

WHITE WYANDOTTE CHICKENS AND A white deal. Martin direct. Infertile eggs replaced free on April orders. 100-\$6.00. Mrs. Albert Waterman, Peabody, Kan.

WHITE WYANDOTTES, MARTIN STRAIN. Bred for quality, size and heavy egg production. \$5.50-108 prepaid. Mrs. Lydia Coleman, 2517 Lincoln Street, Topeka, Kan.

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HIGHEST QUALITY HATCHING EGGS. Rhode Island Whites, both combs. Anconas, single comb. Two dollars setting, ten dollars hundred, April, May delivery. Mrs. E. P. Bowdon, Lane, Kan.

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INCUBATORS—100 ELECTRIC, 360 EGGS, hot water \$12.50. Changed to coal oil \$15. Danforth & Sparks, 1813 Holmes, Kansas City, Mo.

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"Kindly discontinue our cockerel ad but continue the egg ad. I had no idea we would get so many orders. Yours is surely a good advertising medium."—S. B.

Bulletins of Interest in May

The following Farmers' Bulletins and Circulars of general interest to farmers during the month of May can be obtained free by addressing the Division of Publications, United States Department of Agriculture, Washington, D. C.:

Farmers' Bulletin 450, Some Facts About Malaria; 602, Production of Clean Milk; 701, Bagworm, an Injurious Shade Tree Insect; 710, Bridge Grafting; 863, Irrigation of Grain; 922, Rodent Pests on the Farm; 948, The Rag Doll Seed Tester; 959, The Spotted Garden Slug; 975, The Control of European Foulbrood; 977, Hay Crops; 984, Farm and Home Drying of Fruits and Vegetables; 1191, Cheese-making on the Farm; 1198, Swarm Control; 1247, American Moles as Agricultural Pests and as Fur Producers; 1250, Green Manuring; 1266, Preparation of Peaches for Market; 1310, The Corn Earworm.

Department Circular 25, Points for Egg Buyers; 36, Use of Poultry Club Products; 219, Phoma Rot of Tomatoes; 238, U. S. Grades for Potatoes Recommended by the United States Department of Agriculture.

Specify number and name in each case and state whether it is a Farmers' Bulletin or a Department Circular.

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This is the policy of the Capper Publications and we desire to have every solicitor and subscriber to co-operate with us.

If there is anything at all the matter with your subscription to the Kansas Farmer and Mail and Breeze, Capper's Weekly or the Household, if you hear any one say that they paid for these papers and are not getting them please write and tell me all about it and be sure to state the facts.

It will help us locate the cause if you will send us your receipt, cancelled check or postoffice money order stub. They will be returned as soon as we see them. It is necessary for us to have something to show here in the office in order to adjust complaints properly.

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All advertising copy discontinued or changed and change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

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WE HAVE SOLD ONE SIDE OF THE Earth, and now starting on the other. The best bargains on earth. Write for booklet. Simmons & McKinney, Cabool, Mo.

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KANSAS

FOR SALE by owner, 4 improved farms in Pratt Co. A. N. Stark, Preston, Kan.

WESTERN KANSAS land, cheap. Easy terms. Write Jas. H. Little, LaCrosse, Kan.

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WE BUY, sell and exchange farms and city property. Clarke & McAnarney, Paola, Ka.

S. EAST Kan. farms \$35 acre up. Free list. A. M. Cole Land Co., Independence, Kan.

320 SMOOTH fine farm, well improved, fine location, \$47.50 acre; terms to suit. Mansfield Investment & Realty Co., Healy, Kan.

FOR SALE, EIGHT CHOICE SECTIONS Wallace County, Kan., one to three miles of Weskan. Agents wanted. C. E. Mitchem, Harvard, Ill.

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.

80 ACRES, highly improved, 6 miles Ottawa. Must sell on account of sickness. Immediate possession. Write for full description or come at once. Mansfield Land Company, Ottawa, Kansas.

FOR SALE: 335 Acre stock, grain farm, 30 head Holstein Cows, milking machine, \$20 day, milk route, 10 room house, 3 barns, silo, orchard, 2-3 tillable, balance pasture. Price \$26,500. 1-3 cash. Balance time. W. A. Sturgeon, Owner, Larned, Kan.

COMBINATION FARM

480 acres, Eastern Kansas; rich black dirt, 120 growing wheat; plenty water; large improvements; \$55 per acre; it's worth \$125 today; easy terms; possession. Mansfield Land & Loan Company, 415 Bonfile Bldg., Kansas City, Mo.

60 A. DAIRY FARM, smooth deep black valley soil, no rocks, stumps or overflow, well improved, dairy barn 42x54, concrete floors and manger, steel stanchions and stall partitions; 20 A. hog tight. Buy from owner, save commission. Cause for selling, poor health. Write for price and description. E. D. Furse, Pleasanton, Kan.

WYOMING

FOR SALE—160 A. of Wyoming land ¼ mile of Glendo. Price \$15 per A. For particulars write K. M. Johnston, Box 537, Ajo, Arizona.

Remember this, if you pay your money for any of the Capper Publications and do not get them it will be your fault—not ours—we all make mistakes but this company is more than willing to correct any mistake that is properly brought to our attention.

Will you who read this give me the co-operation asked for? Address A. S. Wolverton, Capper Publications, Topeka, Kan.

The spread of the Mexican bean beetle to higher altitudes is apparent to entomologists of the United States Department of Agriculture. Three or four years ago the Mexican bean beetle was not found higher than 5,000 feet above sea level in Colorado and at elevations as high as 7,000 feet in New Mexico. Quite recently authentic reports have been received of the occurrence of this pest at altitudes above 7,000 feet in New Mexico and one of its occurrence at Chaffee, Buena Vista county, Colo., at an elevation of 8,231 feet. In Mexico it is known to occur in Puebla, state of Puebla, at an elevation of 7,110 feet. The state entomologist of Colorado reports this species at Salida last summer, and says that it is spreading in Delta county on the western slope in the irrigated region.

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.

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Don't give option or tie up real estate for any kind of contract without first knowing whose you are dealing with are absolutely honorable, responsible and reliable.

ARKANSAS

FREE HOMESTEAD land, healthful Ozarks. Raise corn, cotton, vegetables, fruit; deer, turkey, fishing. Particulars free. Write M. Decker, Norfolk, Ark.

177-ACRE Arkansas River farm all in cult. 75 A. as fine alfalfa as ever grew, every acre alfalfa land requiring no inoculation. Market for hay at farm; tenants, tenant houses, barns, 7 rm. dwelling, woven wire fence, modern hay machinery, motorpress, ledders, etc., 25 mules and horses. Good dirt road, 1 mile from 9 mo. school, best little farm in Arkansas and the biggest bargain ever offered. Walk out price \$20,000. Edward Young, Owner, Moscow, Ark.

COLORADO

160 ACRES, some alfalfa, plenty water, 2½ mi. town. W. H. Kincald, McClave, Colo.

FOR SALE, TEN CHOICE SECTIONS east of Cheyenne Wells, Cheyenne County, Colorado. Agents wanted. C. E. Mitchem, Harvard, Illinois.

FOR SALE Southeastern Colorado irrigated and non-irrigated farms and ranches. Write for free information. Gregg Realty Company, Lamar, Colorado

2,000 ACRES, highly improved stock and dairy ranch, main line Union Pacific and Rock Island, within 3 hours drive of Denver. Medium sandy loam soil, 500 acres in cultivation, balance pasture, 60 acres in alfalfa. New and modern buildings. Price \$25 per acre, terms, exceptional bargain. Address United States Finance Corporation, 522 Foster Building, Denver, Colorado

CALIFORNIA

IF YOU WANT TO LIVE in California write King County Chamber of Commerce, Hanford, California, for free booklets.

OKLAHOMA

FARMS AT PUBLIC AUCTION Durant, Okla., Friday, May 25, 50 improved farms in the Blackland rain belt of Oklahoma. Sold subject only to first mortgage, running 5 to 10 years, 6 to 7 per cent interest, one-third of balance cash, balance 1 to 2 years. Send for pamphlet describing each farm. E. F. Herriff, State Manager, 701 Continental Bldg., Oklahoma City, Okla.

FARMS FOR SALE

Good farms well improved, located all sections Oklahoma and some in Arkansas offered at forced sale prices and on very liberal terms. Only small cash payments necessary. Have improved farms of all sizes from 40 acres to 640 acres. Wonderful opportunity to double your money in short time. Tenants can become land owners. Farms will never be as cheap again. Act quickly while I have 100 farms for you to choose from. Practically all of these farms in good prospective oil territory. Write immediately for booklet fully describing these farms. V. H. STEVENS, 307 Southwest National Bank Building, Oklahoma City, Okla.

TEXAS

470 ACRES improved East Texas; plenty water, grass, timber. Close school and highway. \$12,000, terms. Buren Allsup, Enloe, Tex.

MISSOURI

220 A. De Witt, Mo., 2 sets improvements, 194 A. cult. A real buy at \$125 per A. Mansfield Land & Loan Co., Lawrence, Kan.

FOUR 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.

REAL ESTATE WANTED

WANTED, KANSAS FARMS. Write Box 582, College Place, Wash.

WANTED to hear from owner improved or unimproved farm. Description, price. John Leaderbrand, B-25, Cimarron, Kan.

FARM WANTED: Wanted to hear from owner of farm or good land for sale. Fall delivery. L. Jones, Box 515, Olney, Ill.

WE HAVE BUYERS for a number of farms. Price must be right. Describe full in first letter. Central Land Bureau, New Franklin, Mo.

CASH BUYERS want Kan. and Colo. farms. Give full description and price. R. A. McNow, 329 Wilkinson Bldg., Omaha, Neb.

CASH YOUR PROPERTY QUICKLY. Location immaterial. Give best price. Universal Sales Agency, Box 48, N. Topeka, Kans.

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Capper St., Chippewa Falls, Wis.

SELL YOUR PROPERTY QUICKLY for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Neb.

EASTERN MAN WANTS to buy a combination grain and stock farm in the West. Owners write me giving full particulars, number of acres, kind of buildings, nature of soil and price to 601 Palace Bldg., Erie, Pa.

AN EXPERIENCED FARMER

Wants to rent a farm on share basis, owner to furnish teams and machinery. A. Hollingsworth, 226 W. 15th, Davenport, Ia.

SALE OR EXCHANGE

GOOD improved farm, for sale or trade. J. M. Mason, 2274, Russell, Kansas City, Kan.

TRADE CLEAR, excellent irrigated farm. E. Corbin, Delta, Colo.

FARMS, ranches, suburban homes for sale or trade. T. B. Godsey, Emporia, Kan.

BARGAINS—East Kan., West Mo. farms—sale or exch. Sewell Land Co., Garnett, Ka.

TRADES EVERYWHERE—What have you? Big list free. Bersie Agency, Eldorado, Ka.

FARM WANTED—In exchange for stock of good used autos, trucks and tractors. Chas. P. Banker, Lawrence, Kan.

240 ACRES, 2½ miles of town, 140 acres broken, 2 sets improvements, fine wheat or stock farm. Might consider small farm, Eastern Kansas. J. C. Street, Beverly, Kan.

EASTERN KANSAS FARMS. We have several improved farms. Owners will trade for Western land. Some choice Kaw Valley potato land at sacrifice price. Write us for list. Hemphill Land Co., Lawrence, Kan.

FOR SALE OR EXCHANGE, 110 acres Imperial Valley, Calif., level irrigated silt soil, perpetual water rights, with main ditch adjoining land; will grow grains, fruits, garden truck and semi-tropical products. Price \$150 per acre. Will exchange for clear Kansas farm, divide my land to suit trade, or carry back \$65 per acre at 8%. Do not waste your time unless you know what you want and mean business. H. W. Dorsett, 1750 E. 2nd St., Long Beach, Calif.

LOANS AND MORTGAGES

6% MONEY. Bankers' Reserve System. 6% loans are made on city or farm property to buy, build, improve, or pay indebtedness. Bankers' Reserve Deposit Company, Lathrop Building, Kansas City, Mo.

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KANSAS FARMER and MAIL
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RATE—
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Enclosed find \$..... Run ad written below..... times.

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DUROC JERSEY HOGS

BRAUER
PURE-BRED
DUROC
COMPANY

Colorado Springs, Colo.

High class hogs at reasonable prices.
We invite correspondence.

DUROC PIGS \$11.75



"Get-Acquainted" sale of champion bred, big type, thrifty Sows, sows, sows, etc. 3 or more either sex \$11.75 each. Write for copy PIG FACTS quick. Going fast. ROSS SALMON, Box 4K, McFall, Mo.

Boys, Here Is Your Chance

We sell registered, immunized pigs on a year's time, shipped on approval, also boars ready for service. Write for booklet.
STANTZ BROTHERS, HOPE, KANSAS.

Sensation Bred Gilts

To farrow in June, \$30.00. Choice boars, 125 to 225 lbs., \$20 to \$30. Spring pigs at weaning time worth the money. Pedigrees and crates free. Write me before buying. J. E. WELLER, HOLTON, KANSAS.

Zink Stock Farms Durocs

20 sows and gilts in our recent sale averaged \$100. These were all bred to GREAT PATHMASTER. We have some extra fine fall boars by this sire and by GREAT SENSATION WONDER. Write us at once. ZINK STOCK FARMS, TURON, KANSAS

E. G. Hoover's Durocs

Fall boars for sale. Good ones. Herd sires: Orchard Scissors by Scissors, Gold Master by Pathmaster. E. G. HOOVER, Wichita, Kan.

BOARS BOARS BOARS

Twenty big husky fall boars of real Duroc type. Sired by Sensational Pilot, and Sensational Giant. Dams real brood sows of best of breeding. Herd immunized. Write for particulars, price, etc.
G. M. SHEPHERD, LYONS, KAN.

Waltmeyer's Giant Boars

This breeding has won more prizes last 12 years at National fairs than any other and made farmer most money. Immunized. Ship on approval. W. R. HUSTON, Americus, Kan.

HOMER DRAKE'S DUROCS

Spring and fall boars, July and fall gilts by Smooth Sensation. Extra good. Low figures. Terms. HOMER DRAKE, STERLING, KAN.

Valley Springs Durocs

Boars, bred sows and gilts; popular breeding; immunized. Pedigrees. Year's time.
E. J. BLISS, BLOOMINGTON, KANSASBy Major's Great Sensation out of Chief Lady. Also spring pigs. Priced reasonably. Write at once.
Geo. M. Pope, Udall, Kansas

DUROC JERSEYS FOR SALE: 1 yearling boar, Superior Sensation, L.W.'s Pathfinder by Ideal Pathfinder, Pathfinder's Victory by Victory Sensation 3rd out of equally well bred dams. L.W. Murphy, Sublette, Kan.

MURPHY'S FALL BOARS
by Superior Sensation, L.W.'s Pathfinder by Ideal Pathfinder, Pathfinder's Victory by Victory Sensation 3rd out of equally well bred dams. L.W. Murphy, Sublette, Kan.

CHESTER WHITE HOGS

Wiemers Chester Whites
Offering 15 choice gilts bred to boars of national reputation, wt. 250. Also 50 Aug. and Sept. boars and gilts, wt. 175 lbs., vaccinated. Write for circulars. We ship on approval. See them before you pay. Prices are right.
HENRY WIEMERS, DILLER, NEBRASKAFALL BOARS Big type Orion, Pathfinder breeding.
FRANK HAYNES, GRANTVILLE, KAN.100 Fall Pigs, Choice Ones
For sale: R. C. Watson & Sons, Altoona, Ks.Angus Cattle — Chester White Hogs
Bred gilts, fall boars, weanling pigs.
WYCKOFF BROS., LURAY, KANSASChester White
Bred sows and gilts, and boars \$25 to \$65. Immunized.
A. H. KNOEPEL, COLONY, KAN.O. I. C. PIGS
HARRY HAYNES, GRANTVILLE, KANSASSELECTED BIG TYPE Stretchy Fall Boars.
For quick sale at \$20 to \$25 each.
E. E. Smiley, Perth, Kansas.

BERKSHIRE HOGS

KNAUSS' BERKSHIRES. Open gilts and Dec. to Feb. farrow pigs. Immunized. Priced to sell.
Lyle Knauss, Garnett, Kansas.

Missouri Purebred Buyers

Have come more into Kansas the past five years than for fifty years before. If you have the goods you can interest them. One big reason is the fact that all Missouri railroads lead to Kansas City, the gateway to this state. But you must use

The Missouri Ruralist

to reach the largest possible number of prospective buyers at lowest cost in proportion to service. It has about four times the circulation of the next largest Missouri farm paper and is read on 100 times as many Missouri farms as the average of the breed papers. No advertising starts to "cover" Missouri on a livestock basis, unless it includes the Missouri Ruralist. Ask John W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, about it, or write direct to

THE LIVESTOCK SERVICE
Capper Farm Press, Topeka, Kan.

Business and Markets

(Continued from Page 20)

and supervision of the United States Department of Agriculture.

Corn futures show weakness and losses ranging from $\frac{1}{2}$ to $\frac{3}{4}$ cent in Kansas City. An increased acreage of 2.6 per cent is estimated for this year which is not as much as was expected.

The following quotations on grain futures are given at Kansas City:

May wheat, \$1.17 $\frac{1}{2}$; July wheat, \$1.15 $\frac{1}{2}$; September wheat, \$1.13 $\frac{1}{2}$; May corn, 79c; July corn, 79c; September corn, 79c; May oats, 44 $\frac{1}{2}$ c; July oats, 45 $\frac{1}{2}$ c.

Late Cash Quotations

Demand for hard and dark hard wheat is fair, but the principal buyers are millers and elevator men. The decline of wheat futures has had a depressing effect on the market in general. The following late cash quotations are given on grain at Kansas City:

No. 1 dark hard wheat, \$1.23 to \$1.28; No. 2 dark hard, \$1.23 to \$1.28; No. 3 dark hard, \$1.22 to \$1.27; No. 4 dark hard, \$1.22 to \$1.26.

No. 1 hard wheat, \$1.20 to \$1.27; No. 2 hard, \$1.20 to \$1.26; No. 3 hard, \$1.19 to \$1.26; No. 4 hard, \$1.17 to \$1.25; No. 2 yellow hard, \$1.19; No. 3 yellow hard, \$1.19.

No. 1 red wheat, \$1.31 to \$1.35; No. 3 red, \$1.26 to \$1.38; No. 4 red, \$1.20 to \$1.27.

No. 3 mixed wheat, \$1.19; No. 4 mixed, \$1.18 $\frac{1}{2}$.

Corn and Other Cereals

Demand for corn was fair and prices were firm. Oats declined $\frac{1}{4}$ to 1 cent. Milo is unchanged but kafir is about 1 cent higher. The following quotations are reported in Kansas City:Corn—No. 2 white corn, 84 $\frac{1}{2}$ c; No. 3 white, 83 $\frac{1}{2}$ c; No. 4 white, 82 $\frac{1}{2}$ c; No. 2 yellow corn, 85c; No. 3 yellow, 84 $\frac{1}{2}$ c; No. 4 yellow, 83 to 83 $\frac{1}{2}$ c; No. 2 mixed corn, 83 to 84c; No. 3 mixed, 82 to 83 $\frac{1}{2}$ c.Oats—No. 2 white oats, 46 $\frac{1}{2}$ c; No. 3 white, 46 $\frac{1}{2}$ c; No. 2 mixed oats, 46 $\frac{1}{2}$ c; No. 3 mixed, 45 $\frac{1}{2}$ c; No. 2 red oats, 46 to 50c; No. 3 red, 44 to 48c; No. 4 red, 44 to 47c.

Sorghums—No. 2 white kafir, \$1.83 a cwt.; No. 4 white, \$1.79; No. 2 milo, \$1.89; No. 3 milo, \$1.80; No. 4 milo, \$1.87.

Other Grains—No. 2 rye, 81c; No. 3 barley, 67 to 69c; No. 4 barley, 66 to 67c; sample barley, 64 to 66c.

General Feeding Stuffs

Not much change is reported in the millfeed market, but there is a slackening up in the demand. The following prices are quoted at Kansas City:

Bran, \$1.42 to \$1.45 a cwt.; gray shorts, \$1.67; brown shorts, \$1.64; corn chop, \$1.69 to \$1.71; alfalfa molasses feed, \$1.20; linseed meal, \$2.47; cottonseed meal, \$2.51; ground oats, \$1.80; ground barley, \$1.75; tankage, \$65 to \$70 a ton.

Seeds and Broomcorn

No particular change in the market for seeds and broomcorn has taken place and the following prices are quoted at Kansas City:

Seeds—Alfalfa, \$10 to \$16 a cwt.; bluegrass, \$15 to \$27.50, according to quality and quantity purchased; cane, \$2.25 to \$4.60; cowpeas, \$2.50 to \$3 a bushel; flaxseed, \$3.16 a bushel; millet, \$2 to \$3 a cwt.; Red clover, \$14 to \$18; Sweet clover, \$9.50 to \$10.50; soybeans, \$2.70 a bushel; Sudan grass, \$9 to \$11; re-cleaned Sudan grass, \$12 to \$14.

Broomcorn — Fancy whisk brush, \$450 to \$500 a ton; fancy hurl, \$450 to \$480; choice Standard broomcorn, \$405 to \$430; medium Standard, \$375 to \$400; medium Oklahoma Dwarf, \$350 to \$380; common Oklahoma Dwarf, \$330 to \$350.

Hay Dealers Corner the Market

Hay dealers in Kansas City succeeded in working up an apparent corner on the market and jumped the prices \$6 a ton in the last 10 days for the better grades of hay. One dealer it is said has bought one-third of all of the prairie hay in the country. This dealer has control of all of the prairie hay moving out of Vernon, Rose, Yates Center and nearby points it is said.

The following prices are quoted at Kansas City:

Selected dairy alfalfa hay, \$29 to \$31; choice alfalfa, \$37.50 to \$28.50; No. 1 alfalfa, \$26 to \$27; No. 2 alfalfa, \$19 to \$22; standard alfalfa,

\$22.50 to \$25.50; No. 3 alfalfa, \$16 to \$18.50.

No. 1 prairie hay, \$21.50 to \$22.50; No. 2 prairie, \$20 to \$21; No. 2 prairie, \$17.50 to \$19.50; No. 3 prairie, \$13.50 to \$16.50; packing hay, \$10.50 to \$12.50.

No. 1 timothy hay, \$20; standard timothy, \$19 to \$19.50; No. 2 timothy, \$18 to \$18.50; No. 3 timothy, \$16 to \$17.50.

Light mixed clover hay, \$20 a ton; No. 1 light mixed clover, \$19 to \$19.50; No. 2 light mixed clover, \$16 to \$18.50. Straw, \$8 a ton.

Hides Should be Properly Salted

The failure to exercise care in removing hides and skins from animals and curing the same has been a subject of general discussion among agriculturists, packers, dealers, tanners and others for several decades past. The point has been emphasized that such care would be of direct financial benefit to producers and make available better raw material to consumers. It is quite generally known that better grades of "packer" hides and skins bring substantially higher prices than "country" hides and skins because of the skill that is used in flaying and curing them.

Realizing the great aggregate of waste and unnecessary loss resulting from the use of improper methods the U. S. Department of Agriculture issued in 1919 a valuable booklet (No. 1055) explaining in detail, with photographic illustrations, exactly how the operations of flaying and curing should be performed. About 60,000 copies of this document were distributed throughout the United States and, it is believed, with good results.

Many thousands of hides and skins of better grades are imported into this country because the domestic supply of such raw stock is not adequate for the special purposes desired. While it will always be necessary to import a large proportion of the hides and skins to make up the aggregate consumed here it does seem possible that more of our "country" stock of better quality could be made available to the tanning industry of the United States.

To this end the Tanners' Council in a recent press announcement makes the following appeal to producers of hides and skins in this country:

1—Exercise the utmost care in removing hides and skins from the carcass with the idea of avoiding cuts and scores.

2—Use fresh, clean salt on hides and skins. There is little strength in spent salt and consequently insufficient curing properties.

Jardine Urges Diversification

A big increase in diversified farming, with better crop rotations and more livestock for Kansas was suggested by W. M. Jardine, president of the Kansas State Agricultural College, in an address last week before the Chamber of Commerce at Topeka. He called attention to the need for better methods of production in the years that are before us. "The time has come," said President Jardine, "when we will have to get our income, our wealth, from the products of this land, not from the increase in land values. We have run into trouble lately. We are facing more trouble unless we adopt a different agricultural policy. The big men of this Nation, as well as of this state, are realizing this fact. You heard a lot of criticism of the Agricultural Bloc when it started operating a few months ago. Big business men with sound vision are not criticizing the farm bloc today. They realize that prosperous agriculture is necessary to the welfare of the entire Nation. It is especially necessary to Kansas."

"Suppose we check up our agricultural policy of the last 20 years. Twenty years ago we planted 4,100,000 acres to wheat. Last year we planted 12 $\frac{1}{2}$ million acres to wheat. In 1900 our farm land was valued at 500 million dollars. In 1920 it was valued, United States Census, at 2,500 million dollars. Wheat is being raised in other countries on cheap land, Kansas can't afford to plant that wheat acreage. As a business proposition Kansas is attempting the impossible. Figure it out for yourselves."

Doctor Jardine then produced statistics to show that as the wheat acreage has gone up, the number of beef cattle, dairy cattle, hogs, forage crop acreage, had gone down. Kansas has

SPOTTED POLAND CHINA HOGS

\$35.00 Buys Big Reg. Spotted Gilts

Sired by The Emancipator, a son of the International Grand Champion 1921. Bred for April and May litters to Bluegrass Giant, a son of the Mo. State Fair Grand Champion 1921. Guaranteed to please. Double immunized. Address G. C. ROAN, ETHEL, MACON CO., MO.



Weddle's Spotted Polands

Big, husky boars for spring service. At bargain prices. Unrelated fall pairs or trios. THOS. WEDDLE, VALLEY CENTER, KAN.

Spotted Poland Fall Boars and Gilts

Sired by Grand Champion English Picket and Arch Back Master; lots of bone, quality, good back, color, right every way; pedigreed and vaccinated. Priced reasonable.
BLANKE BBOS., TAINTOR, IOWA

SPRING PIGS

\$15, trios \$40, service boars \$30, bred gilts \$35. Arch Back King breeding. Registered free. T. L. CURTIS, DUNLAP, KANSAS.

Wilds' Spotted Polands

A few extra good boars. New Year litter, \$16 each. Satisfaction guaranteed.
FRANK WILDS, Route 1, Mullinville, Kan.

SPOTTED POLAND CHINAS

Will make low prices on bred sows until April 30. Satisfaction guaranteed. Cedar Row Stock Farm, Burlington, Kan. A. S. Alexander, Prop.

GOOD SERVICEABLE SPOTTED POLAND China Boars at very reasonable prices; prominent blood lines. Some open gilts. Wm. Meyer, Farlington, Kan.

GREENLEAF'S SPOTS — Choice bred gilts \$35.00, \$40.00. Reg. Immune.
J. O. Greenleaf, Mound City, Kansas.

POLAND CHINA HOGS

BRED SOWS AND GILTS

For summer and fall farrow. Booking orders for pigs. Best of breeding. Write us. B. E. McAllister, Lyons, Ks.

ROSS McMURRY'S POLANDS

Sows and litters, spring pigs, boars, sows bred for fall to Sterling-Buster and Dundale Prospect.
Ross McMurry, Burrton, Kan.

BIG TYPE POLAND PIGS at \$10 each, sired by Yankee Orange, Co-operator and McMurry's Jayhawk. Have trios not related. Satisfaction guaranteed. Henry S. Voth, Goessel, Kan., Route 2.

MARK LEWIS'S BIG TYPE POLANDS
Fall boars and gilts by Peter's Giant by Peter the First, 1922 Ill. grand champion. Out of large well bred dams. Mark Lewis, Conway Springs, Kansas.

FALL BOARS AND GILTS. Also spring pigs at weaning time. Sired by Big Orange, Jay Hawk and Columbian Giant. John P. Henry, Leecompton, Kan.

POLAND CHINA BOARS by Designer. A few Designer gilts bred to CICOTTE JR. Farmer prices.
J. R. Houston, Gem, Kansas.PIONEER & CHECKER BRED POLANDS
Fall boars by sons of Pioneer and Checkers out of good sows. Priced to sell. F. S. Brian, Route 3, Derby, Kan.

HAMPSHIRE HOGS

200 Hampshires
For sale—Bred sows and gilts, fall pigs, both sexes. All immunized. Best breeding. Walter Shaw, Telephone Derby, Kan., or address Rt. 6, Wichita, Kan.

Registered Hampshire Pigs

Lookout-Lad and Tipton Breeding. Some by a son of Balboa. Large and thrifty. Both sexes. Priced reasonably. Write at once.
JOE O'BRYAN, ST. PAUL, KANSAS.

Kedron Valley Ranch

Home of purebred Hampshires. Bred sows and gilts. Best blood lines, registered and immunized. Weanling pigs. Satisfaction guaranteed. Write for catalog.
DOBSON & MCNEAL, EDNA, KAN.

Whiteway Hampshires on Approval

That were winners at the American Royal and the Chicago International. Choice fall boars and gilts sired by the grand champion of Kansas. Pairs and trios at special prices.
F. B. WEMPE, FRANKFORT, KANSAS

HAMPSHIRE !! Bred Gilts, Boars, breeding age; Fall or Spring Pigs. Cholera Immune. Free price list. WICKFIELD FARMS, Box 8, F. F. Silver, Prop., Cantril, Iowa.

HAMPSHIRE BOARS ON APPROVAL
Rhodes Cambridgeboy breeding. Immunized and registered. Furman's boars must please.
H. Furman, Onaga, Kansas.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM, Auctioneer
219 Beacon Bldg., Wichita, Kan.

Jas. T. McCulloch, Clay Center, Kan.

My reputation is built upon the service you receive. Write, phone or wire.

Homer Boles, Randolph, Kan., Purebred Stock Sales, land sales and big farm sales. Write or phone as above.

Oklahoma Needs Livestock

To advertise most economically to the largest number of prospective Oklahoma and Texas buyers of purebred hogs, cattle, horses and sheep, use

The Oklahoma Farmer

It is read on 130,000 farms and ranches of that territory; leads in the advertising and news of the livestock business; has the best editorial standing and excels in results. J. W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, will be glad to tell you about the Oklahoma Farmer or take your orders for it, or you can write direct to

THE LIVESTOCK SERVICE
Capper Farm Press, Topeka, Kan.

become a one-crop state, and with a crop that is more than likely to glut the market year after year.

"More livestock, more dairy cattle, more hens, more forage crops—diversified farming—is the answer," the president of the agricultural college declared.

Reed Succeeds Paterson

Prof. Harry E. Reed, at present a member of the faculty of the University of Arkansas, has been appointed to succeed Prof. A. M. Paterson in the department of animal husbandry at the Kansas State Agricultural College. It is highly important that a man in animal husbandry work should have had the right kind of experience as well as the right kind of technical training. Professor Reed is a man splendidly qualified for his new position from the viewpoint of experience as well as from the point of training. He was raised on a livestock farm and was for five years manager of Wardmore Farms at Macon, Mo. As manager of this farm he was exceptionally successful in raising, fitting, showing, and selling purebred cattle, hogs, sheep, and saddle horses. He also fed from five to six carloads of baby beef and from three to four carloads of hogs each year. When Wardmore Farms were sold Professor Reed decided to enter college work. His first college job was with the extension division of the Kansas State Agricultural College as livestock specialist. He resigned this position to accept one with the department of animal husbandry of the University of Arkansas where since 1921 he has had charge of most of the work of the department, as well as having coached the stock judging team.

Professor Reed graduated from the University of Missouri in 1914 and while in school distinguished himself as a leader among students. Kansas is very fortunate in being able to secure such a splendid, thoroughly practical, well trained man to take up the work where Professor Paterson left off. Professor Reed reports for duty July 1, 1923.

Nearly half of the telegrams sent across the Pacific ocean are now going thru the air by radio rather than over the cables. More than half of the trans-Atlantic traffic is sent by radio.

Rains Help Kansas Crops

(Continued from Page 22)

fields will be planted to other crops. Pastures are slow about coming on and meadows are just beginning to get green. Rural market report: Wheat, \$1; corn, 65c; eggs, 18c.—F. M. Hurlock.

Cloud—Wheat in the bottoms is in excellent condition but that on the uplands has been damaged by winds and drought. The stand of oats is satisfactory. Most of the corn and a few gardens remain to be planted. Pastures are starting and they will relieve the feed shortage. The price of corn seems out of proportion to the price of hogs. W. H. Plumly.

Dickinson—The weather is cool, dry and windy. Moisture is needed. Some corn is being planted. However, most farmers will wait until next week. The corn acreage will be small. Most of the oats crop looks fine but that sown on stalk ground is, by far, better than that sown on plowed soil. Wheat still is in excellent condition. There will be little or no fruit.—F. M. Larson.

Douglas—Wheat is in good condition. We are having plenty of rain. However, the weather stays cool and everything is backward. Corn ground is being prepared. Potatoes are coming up. A few peach trees are in bloom. Gardens are up. Pastures will be good in a week or 10 days. Hay is getting scarce and \$18 a ton is received for alfalfa. Rural market report: Wheat, \$1.08; corn, 62c; oats, 45c; hogs, 19c; eggs, 22c; butter, 48c.—Mrs. O. L. Cox.

Ellis—The weather is still dry and windy. The prospects for a wheat crop are not encouraging at this time as about 20 per cent of the acreage has blown out already. Because of the dry weather very little oats or barley have been planted. Very few public sales are being held. Rural market report: Wheat, \$1.05; corn, 80c; oats, 60c; barley, 60c; kafir seed, \$1.25; cane seed, \$1.50 bu.; eggs, 20c.—C. F. Erbert.

Ford—Only a trace of rain fell last week. Ground is drier than it has been for years. Most of the wheat is dead, except in a few localities where more rain fell last fall. Grass will not start until we have warmer weather and a good rain. Rural market report: Wheat, \$1.06; corn, 65c; oats, 50c; barley, 50c; eggs, 20c; butter, 50c.—John Zurbuchen.

Gove and Sheridan—Dry, windy weather prevails and wheat prospects are not encouraging. But very little spring grain has been sown and the most of it will not sprout until after a good rain. No gardens, except where there is water. Many chicks are being raised. Public sales are few. Rural market report: Wheat, \$1; eggs, 22c.—John I. Aldrich.

Graham—Weather remains clear with no rain nor any prospects for it. Barley has not yet sprouted. Some ridges are being opened for corn.—Navell Boss.

Greenwood—Grass will be given a good start by the showery weather. Fruit was not all killed as some peaches now are blooming. A few fields of corn have been

Hereford Breeders of Kansas

From Whom Foundation Stock Now Can be Bought at Better Bargain Prices Than for Years

Vavroch Bros.' Stock Farms

Herd consisting of 50 head of choice Anxiety bred females. Herd headed by Beau Avondale 9th. Sire by Prince Rupert 8th, dam by Bonnie Brue 8th and Lord Dandy. Sire by Beau Picture, dam by Beau Dandy. Stock for sale at all times. Vavroch Bros., Oberlin, Kas.

Mc Mischief, Son of Beau Mischief
and 40 splendid herd cows of fashionable blood lines is the foundation I am building on. Just choice bulls for sale from 12 to 24 months old. Also Poland China hogs of quality and breeding. Write for further information. Address: J. R. Houston, Gem, Kan., Thomas County

Elmdale Farm Herefords
125 excellent Herefords in our herd. Herd bulls: Beau Stanway by Choice Stanway; Beau Delightful by Beau Victorious. Choice bulls and heifers for sale.
JANSONIUS BROS., Prairie View, Kansas.

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
Linebred Anxiety Herefords through Bonnie Brue 8th, Bright Stanway, Domino and Beau Donald. In service Matador 493291. My cows are all of Anxiety breeding.
J. F. SEDLACEK, BLUE RAPIDS, KAN.

Blue Valley Herefords
25 Reg. Hereford bulls, 8 to 22 months, \$65.00 to \$125.00 delivered any station in Kansas. 12 head coming two-year-old heifers and 1 bull, \$875.00. Two herd bulls, one 2 years, one 4 years.
COTTRELL & MONTAGUE, IRVING, KAN.

Hereford Herd Bull Prospects
11 to 18 months old. Priced to sell. Our herd bulls are grandsons of Bright Stanway. Cows of strong Anxiety 4th breeding.
FRANK SEDLACEK, MARYSVILLE, KAN.

Steeleway Herefords
Barnes, Kansas
60 Extra Hereford Bulls

Selections from 100 head. Large, heavy bone, weighing 1150 in just fair condition. Yearlings past and good ones. Priced right.
MILTONVALE CATTLE COMPANY,
W. H. Schroyer, Manager, Miltonvale, Kan.

Anxiety 4th Herefords
Sires in Service, Lord Stanway by Bright Stanway. Alex Mischief, grandson of Beau Mischief. Cattle for sale of both sexes at all times.
J. H. Miller, Woodston, Kan., Rooks County

Mischief Donald by Beau Mischief
125 head in the herd. A strong herd of breeding cows, many of them by Repeater 7th. Bred cows and heifers for sale and some very choice young bulls of serviceable ages. Address:
FRANK HUG & SONS, Scranton, Kan., Osage Co.

Sixty 2-Year-Old Heifers, Bred
Sired by Sir Dare and Domineer 566433. Bred to Don Balboa 596021 and Domineer 566433. Choice stock, priced to sell. Also 26 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.

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TWO GOOD POLLED HEREFORD Animals For Sale, 12 and 15 months old, ready for service. John G. Renyer, Rt 21, Wakarusa, Kas.

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SAANEN MILK GOATS for sale, fresh ones and some coming fresh soon.
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JERSEY CATTLE
15 Reg. Jersey Cows and Heifers

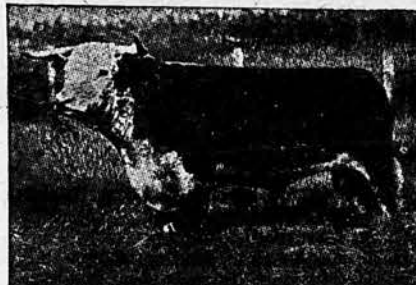
Financial King breeding. Good milkers. Testers and R. of M. cows. Also a few good bulls. Accredited herd. State fair winners. Priced right.
OMER A. WEIR, Rt. 6, HIAWATHA, KAN.

REGISTERED JERSEY MALES
All ages; baby heifer calves. Reasonable prices. From R. of M. dams. Five generation tabulated pedigrees in purple and red showing R. of M. records, number of R. of M. sons and daughters, \$1.00.
Prairie View Jersey Ranch, Coats, Kansas.

JERSEY BULL CALVES
By Register of Merit sires, \$25 to \$65. Accredited herd.
A. H. KNOEPEL, COLONY, KAN.

JERSEY HEIFERS by grandson of Financial King, whose dam was half sister to Financial Countess Lad.
J. G. Condon, Hiawatha, Kansas.

Sires That Have Influenced Kansas Herds—14



BEAU BLANCHARD 362904

Beau Blanchard was bred by the veteran Hereford firm of Gudgeon & Simpson, who sold him as a yearling in February, 1911, to Jesse Engle & Sons of Sheridan, Missouri, in whose herd he remained until his death on January 14, 1922.

The sire of Beau Blanchard was the great Beau Mischief, by Beau President and out of the wonderful Lamp-lighter cow, Mischievous. His dam was Blanch 23rd, by Beau Brummel and out of Blanch 5th by Don Quixote, by old Anxiety 4th.

Since 1916, the show herds of Jesse Engle & Sons chiefly have been made up entirely of sons and daughters of Beau Blanchard, though during the last few years a number of grandsons and granddaughters have been in the show string. The show yard quality of the Beau Blanchards can be inferred from the following summary of winnings at leading shows from 1916 to 1920 inclusive: eight grand championships, five senior championships, 16 junior championships, 65 firsts, and a great number of seconds, thirds, fourths and so on. Many firsts were on calf herds and gets of sire. In 1916, Belle Blanchard 511791, was made junior and grand champion female at the American Royal. In 1918, at the International she was made senior champion and repeated in 1919, being defeated for grand championship in 1919, by a half sister Belle Blanchard 63rd 685477. In 1922, at both American Royal and International junior championship honors in the female classes were placed on Belle Blanchard 112, another daughter of Beau Blanchard.

Up to March, 1922, there were 323 sons and daughters of Beau Blanchard recorded in the American Hereford book, which is a greater number than is credited to most bulls and this would not include his last calf crop. In 1921, there were 121 sons of this bull doing service in almost as many herds thruout the United States and Canada and that number is now larger. Some of the more outstanding sons of this great bull are Superior Blanchard, Beau Blanchard 75th, Beau Blanchard 87th, Carlos Blanchard, Beau Blanchard 25th, Beau Blanchard 53rd, Beau Blanchard 54th, Beau Blanchard 95th, and Beau Blanchard 96th. The last two are being used by Messrs. Engle & Sons to replace Beau Blanchard.—David L. Mackintosh.

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 8th, Dale and Brigadier. Yearling bulls for sale, \$125 up. GILMORELANDS, FREDONIA, KAN.

Serviceable Age Bulls and Heifers

Young serviceable age bulls and heifers. Herd sire is grandson of Beau Dandy out of Militant dam. Dams are daughters or granddaughters of Ardmore, Domino, Bright Stanway, etc. Priced to sell.
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

Hazford Place Modern Herefords

Breeding stock, all ages and classes by and out of our well known sires and dams that are closely descended from great Anxiety 4th bulls. Each animal we sell is of our own breeding. Robt. H. Hazlett, Eldorado, Kan.

A Lot of Under Year and Yearling Calves

and a serviceable aged bull. Herd sire is WOODLAND LAD 2nd. Write us at once.
W. H. TONN, HAVEN, KANSAS

G. L. MATTHEWS & SON'S HEREFORDS

Yearling bulls—well grown and ready for service. Three-year-old heifers (calves at side) by Regulator 1st and other show bulls. Two year heifers, unbred, by Repeater 126, and some of our show bulls. Write
G. L. MATTHEWS & SON, KINSLEY, KAN.

SCHLICKAU COWS AND HEIFERS

Cows, some with calves at foot, \$60 to \$100. Heifers, \$50. Single lots or carload. Write at once. SCHLICKAU BROS., Haven, Kan.

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.

Plummer's Herefords

A grandson of Bright Stanway at head of herd. A choice herd of females. Inspection of herd invited.
H. D. PLUMMER, LONGTON, KAN.

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, Clements, Kan.

5 Bulls Ready for Service

By Battle Mischief by Beau Mischief, and Pretty Stanway, bred back five generations by Gudgeon & Simpson. Splendid young cows and heifers by Battle Mischief and bred to Pretty Stanway priced reasonable.
GORDON & HAMILTON, HORTON, KAN.

POLLED HEREFORDS

Polled Herefords

We have developed three first prize bulls which is more than any other breeder has done. If you want high class Herefords with "Everything But the Horns" write
GOERNANDT BROS., AURORA, KAN.

GOODVIEW STOCK FARM HEREFORDS

Improver Prince, senior herd bull. Polled Plato, Jr., junior herd bull. 200 Polled Herefords in this herd. For sale: Bred cows and heifers; cows with calves at foot and bulls from 8 to 20 months old. Write for descriptions and prices.
GEO. BINGHAM, Bradford, Kan., Wabunsee County

The Best Hereford Herds

In the state are represented in this section. These advertisers have breeding stock for sale at all times. Write them your wants. All inquiries will be promptly answered.

RED POLLED CATTLE

CHOICE RED POLLED BULLS
Priced to sell.
W. E. ROSS & SON, Smith Center, Kansas.

BULLS, STALLIONS, JACKS, Red Polls, Percherons and Mammoth. Good stock; low prices. George W. Schwab, Clay Center, Neb.

Nebraskans Are Good Buyers

If you are suitably located for shipping into Nebraska and have the quality and numbers to justify advertising outside your own state, there is one thing sure—

The Nebraska Farm Journal

is outstandingly the best medium for cultivating the Nebraska trade on purebred cattle, hogs, jack stock, horses or sheep. It has many times more Nebraska readers than most advertising mediums, and about 50 per cent more than the next largest Nebraska farm paper, although its rate is lowest. It leads in livestock interest and information as well as in advertising. See J. W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, about it, or write direct to

THE LIVESTOCK SERVICE
Capper Farm Press. Topeka, Kan.

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

HORSES AND JACK STOCK



H. T. HINEMAN & SONS' JACKS FOR SALE

30 serviceable age jacks priced to sell. Mo. and Kan. State Fair winners. Most of them sired by Kansas Chief, world's grand champion. They range from 15 to 16 1/2 hands high. Written guarantee with each jack.
HINEMAN'S JACK FARM, Dighton, Kan.

Big Reg. Jacks

For sale, one or a carload. Priced very reasonable. Come and see them.
M. H. MALONE, CHASE, KAN.
J. P. MALONE, LYONS, KAN.

STALLIONS, JACKS, MARES. Reg. Percheron stallions and 40 mares. 35 mammoth Jacks 15 to 16 hands. Priced right. Al. E. Smith, Lawrence, Kan.

RED POLLED CATTLE

RED POLLS. Choice young bulls and heifers. Write for prices and descriptions.
Chas. Morrison & Son, Phillipsburg, Kan.

PLEASANT VIEW RED POLLS

For sale. Registered cows, heifers and bulls. Halloren & Gambrell, Ottawa, Kan.

Northwest Kansas Shorthorn Breeders

Annual Spring sale of this association.
In the new sale pavilion,

Concordia, Kan., Wednesday, May 9

15 Association Members Consigning:

Jesse Frazier, Concordia
F. J. Colwell, Glasco, Kan.
Glen Campbell, Wayne
Morse Bros., Delphos, Kan.
Ed Anderson, Jamestown
B. M. Lyne, Oak Hill, Kan.
R. B. Donham, Talmo, Kan.
E. A. Campbell Wayne, Kan.

A. W. Segerhammer & Sons, James-town, Kan.
C. A. Campbell, Wayne
C. E. Shoemaker, Narka, Kan.
R. H. Hanson, Jamestown
Glen Chartier, Clyde, Kan.
J. O. Cory, Talmo
E. A. Cory & Sons, Talmo.

It is a real offering of Scotch and Scotch topped Shorthorns that has been consigned by these breeders. There will be about 30 females and 10 bulls. If you want cows, heifers or young bulls of serviceable ages this is your opportunity.

The annual banquet the evening before the sale. We want you to attend this banquet. Geo. W. Catts, Kansas City, Mo., will speak. Annual association meeting the morning of the sale. Ask for the sale catalog today. Address

E. A. Cory, Sale Mgr., Concordia, Kan.

Auctioneers: Jas. T. McCulloch, G. B. Van Landingham, Dan Perkins, J. W. Johnson, Fieldman, Mail and Breeze.

HOLSTEIN CATTLE

HOLSTEIN CATTLE

Registered Holstein Sale

Watertown, Wisc., Thursday, May 10

75 head. Watertown is in the heart of the most renowned Holstein section in Wisconsin—more Holsteins than in any similar section.

We are offering choicely pedigreed open and bred heifers—some very attractive young springing cows and several well conformed, well bred, yearling bulls.

These offerings are largely from Federal Accredited herds—they are honest, clean stock, sold by reliable breeders. If you want to buy good cattle for 50 cents on the dollar, that will grow into money, if you want to get more real value for your money than you ever got before, attend this sale.

If you care to visit our good herds through this section after the sale, write and tell us. We will arrange for you. Send for catalog. Everything sold on a 60 day retest.

Dodge County Holstein Ass'n, Watertown, Wisconsin

Francis Darcey, Secretary.

HOLSTEIN CATTLE

HOLSTEIN CATTLE

Capacity!



Every man who milks cows for a living knows that Capacity and the ability to profitably utilize feed mean the difference between profit and loss.

CAPACITY ENABLES HOLSTEINS —

to subsist very largely on home-grown feeds; to convert most economically large amounts of cheap roughage into milk and butter-fat; to respond readily to additional grain feed with increased production. In short, to utilize most profitably all feed fit for a cow.

Let Us Tell You the Story of the Holstein Cow.
EXTENSION SERVICE,
The Holstein-Friesian Association of America
230 East Ohio Street, Chicago, Ill.

HOLSTEINS

BONACCORD HOLSTEINS
Have been selling well, but we still have a few cows and heifers to spare; also some choice baby bulls. A purebred, Federal accredited herd. A herd for the discriminating buyer.
LOUIS KOENIG, SOLOMON, KAN.

Holstein Bull For sale. A splendid individual just ready for service; has a 31 pound sire and a 21 pound dam, as a three-year-old. H. N. HOLDEMAN, MEADE, KAN.

A REAL BULL

We are offering a young bull, born October 19, 1922, whose two nearest dams have year records that average 1097 lbs. butter and 25216 lbs. of milk. He carries four crosses of S. P. O. M. and three crosses of Spring Brook Bess Burke.
THE COLLINS FARM CO., Sabetha, Ka.

WINWOOD DAIRY FARM. We still have a few Bull Calves left at very low prices.
Winwood Dairy Farm, Burlington, Kansas

BRAEBURN HOLSTEINS
Bull calves for sale; also cows and heifers.
H. B. Cowles, 608 Kansas Ave., Topeka, Kan

BEFORE ORDERING HOLSTEIN OR GUERNSEY CALVES anywhere, write Edgewood Farms, Whitewater, Wisconsin

AYRSHIRE CATTLE

Ayrshires

Increase butter-fat and improve conformation of your herd by use of straightback, level lined bull calves from high producing advanced registry dams and sires. Sales list on request.
DAVID C. PAGE, TOPEKA, KANSAS

ROBT. CAMPBELL'S AYRSHIRES
Breeders interested in buying young Ayrshire bulls are invited to ask for particulars. We have Jean Armour and Howie's Dairy King, etc. breeding. Address
ROBT. P. CAMPBELL, ATTICA, KANSAS

10 Reg. Ayrshire Heifers
For Sale. Some fresh, others soon. Also some young bull calves.
E. E. BAILEY, SCRANTON, KAN.

CUMMINS AYRSHIRES
Cows, heifers, bull and heifer calves. Tuberculin tested. Good quality. Priced to sell.
R. W. CUMMINS, PRESCOTT, KAN.

planted. However, most of the farmers will wait a week to start. Oats planted just before the freeze of a month ago are very unsatisfactory and most of the fields will be replanted to something else.—A. H. Brothers.

Harper—Our rains amount to nothing more than April showers. Corn planting is in progress. Gardens are in need of moisture. Prospects for a good wheat crop are 80 per cent. Indications favor a short straw. Many spots are off color. No interest is shown in hogs. Many farmers are taking out new farm loans where low valuation is not an obstacle. Grass is making slow progress.—S. Knight.

Harvey—The weather the last several days has been cloudy and threatening. Wheat and alfalfa are in excellent condition. Live-stock is doing well. Rural market report: Wheat, \$1; corn, 80c; oats, 50c; butter, 40c; eggs, 20c.—H. W. Prouty.

Haskell—Spring wheat is at a standstill for lack of moisture. Wheat in this section of the county is a total failure. The acreage of row crops will be large if rain comes soon. Feed is getting scarce. Practically no grain remains in the farmers' hands. Rural market report: Wheat, \$1.05; corn, 75c; maize and kafir, \$1.50 cwt.; butterfat, 42c.—F. O. Soverign.

Jackson—A recent rain of 1/2 inch was very beneficial to the wheat, oats, grass and gardens. Wheat sustained some damage from the March freeze but the extent of the injury cannot yet be determined. Cherries, apples and late fruit apparently are all right. Hay and feed is scarce. Rural market report: Corn, 80c; hay, \$10 to \$16; wheat, \$1.05; oats, 40c; cream, 46c; eggs, 21c.—F. O. Grubbs.

Jefferson—The weather now has been nice for three weeks and oats sowing is finished. Many gardens are being made and fields are being prepared for corn. Livestock of all kinds is in good condition. The demand for hay and corn is strong. Rural market report: Corn, 85c; eggs, 20c.—A. C. Jones.

Labette—Peaches and plums are in bloom. A rain fell recently. Oats sown after the freeze made a good stand. Wheat, altho it is a little backward, looks fine. A few fields of corn have been planted. Pastures are green and thrifty and will be very welcome to those farmers who are buying feed. Most potato fields were replanted. No public sales are reported. Rural market report: Corn, 80c; bran, \$1.75; potatoes, \$1.20; eggs, 21c.—J. N. McLane.

Lane—A very satisfactory farm sale was held recently. Even old machinery brought good prices. Two-year-old mules sold for \$75 each and cows brought from \$62 to \$60. It is very dry and oats and barley are badly in need of moisture. Rural market report: Butterfat, 43c; eggs, 20c.—S. F. Dickinson.

Leavenworth—Wheat is coming along well with a few poor spots. Ground remains very dry. Oats seem to be coming up and doing well despite the freezes. Much clover is being sown.—George Marshall.

Linn—For some time, the weather has been favorable for farming. Oats are all planted and farmers engage their time in gardening, planting potatoes and getting ground ready to plant corn and as the ground is in good condition we hope to raise a good crop. The recent freeze did a little damage to oats and fruit. However, farmers are more hopeful than they have been for several years. The pig and poultry clubs seem to be wide awake and active. Plenty of little pigs and chicks may be seen on most farms. Grass is showing up in fine shape and some livestock is on pasture.—J. W. Clinesmith.

Lyon—Fine growing weather prevails. Wheat is in excellent condition and looks extra good. Alfalfa is making a good growth. An excellent crop of oats is reported. Ground is in fine condition to work. Pastures are starting up but feed is plentiful. Stock of all kinds are doing well. Rural market report: Wheat, \$1.06; corn, 86c; kafir, 90c.—E. R. Griffith.

Neosho and Wilson—Rain is badly needed to start pasture as feed is getting very low. The freeze killed most of the oats that were planted and some of the potatoes and peaches. Other crops will take the place of some of the oats. Flax is about all planted. Wheat looks good and is growing nicely. Rural market report: Corn, 90c; eggs, 20c; butter, 40c; shorts, \$1.85. No wheat or oats remain to be sold.—Adolph Anderson.

Ness—The weather is mild but moisture is needed very much. Winter wheat is in bad shape, most of it being dead, and some spring wheat has been planted. Alfalfa is making a good start. Rural market report: Wheat, \$1; corn, 75c; kafir, 75c; hens, 17c; cream, 43c; hogs, \$7.30.—Jas. McHill.

Osage—Moisture is plentiful and wheat is in perfect condition. Oats that were sown after the freeze are all right. The acreage of potatoes is small. Because it is thought that kafir will withstand the bugs better than corn, much kafir will be planted this spring. Corn planting probably will start next week. More fruit trees than usual are being planted. It is believed by some that there will be some seedling peaches this year. No sales were reported this week. Horses have advanced \$15 in price.—H. L. Ferris.

Ottawa—Wheat looks fine and promises to make a good crop. Oats are up and show a very satisfactory stand. The weather has been too cold to plant corn. Potatoes are about all planted. A few local showers fell recently. Everything sells for fair prices at the public sales. Stock generally will go on pasture in good condition. Wheat has been providing some pasture. Rural market report: Wheat, \$1.05; corn, 80c; cream, 47c; eggs, 22c; heavy hens, 18c; hogs, \$7.50.—H. S. Wakefield.

Riley—The days now are nice and warm. Farmers are busily engaged in preparing corn ground. Oats are slow in coming up and some fields will be thin. Wheat is green and thrifty. Gardens are being planted. The cold weather in March seems to have killed most of the peach and plum buds. Chicks and little pigs are doing well.—P. O. Hawkins.

Roos—The lack of moisture is the only thing that keeps the weather from being ideal. Several wheat fields will be planted to corn. Chickens are doing well. Many chicks are being hatched. Have you joined the Farmers Union? If not, hurry up, and bring your neighbor.—C. O. Thomas.

Rush—Some fields of wheat show up quite well, however, most of the fields will be unsatisfactory. Farmers are busy with all kinds of spring work. An unusually large number of chicks are being raised. More moisture is needed before grass will make much growth. The market remains unchanged.—R. G. Mills.

Saline—Recently we have been having cool, showery weather. Many potatoes have had

to be replanted. Wheat and oats are in excellent condition. Alfalfa is coming fine. Cattle are looking well and command fair prices. Farmers are having poor success saving the pig crop. Rural market report: Wheat, 98c; eggs, 21c; seed potatoes, \$1.15 to \$1.35; cane seed, 4c lb.—J. P. Nelson.

Sedgwick—Springlike, dry weather is the prevailing soft. Pastures are slow because of the late season. Feed is scarce and high in price. Wheat looks good but oats are uneven. Peaches, pears and part of the plums were killed by the March freeze. Other fruit looks favorable. Numerous hatches of chicks are being raised.—F. E. Wickham.

Sherman—There is no satisfactory news to report from this corner of the state in the line of crops for it is as dry as ever. The thermometer stands regularly at 20 degrees above zero in the mornings at sunrise. Some spring grain has shown up in spots where weeds or trash caught some drifting snow. Barley and spring wheat have been sown on fall wheat ground but it still is in dry dirt. Grass can't do much without moisture. Stock feed now is plentiful. Rural market report: Butterfat, 50c; eggs, 20c; corn, wheat and barley are being held.—J. B. Moore.

Sumner—The finest kind of weather prevails at the present time. A recent good rain was very beneficial where enough of it fell. Many fields of oats have been sown the second time. Very few sales have been held this spring. Pastures are greening up in fine shape. There is no scarcity of farm help. Rural market report: Wheat, \$1.02; oats, 57c; corn, 85c; butter, 35c; butterfat, 48c; eggs, 21c; hens, 16c.—E. L. Stocking.

Trego—A number of dust storms have resulted from the dry, windy weather. Fall plowed fields have blown out badly. Chances for a wheat crop are sinking every day. The stubble fields have by far the best stand of wheat. The acreage of oats and barley will be large. The corn acreage will be increased if rain comes soon. Where there is any moisture at all, grass is beginning to grow.—C. C. Cross.

Wilson—We are having April showers but lack the sunshine. Fields are getting green after the severe March freeze. Several oats fields were reseeded. Pastures are late. Cattle are being shipped in by stockmen. The pig crop is 30 per cent less than in 1922. Farm work is well along.—S. Canty.

COLORADO

Elbert—Spring weather with considerable wind prevails. Grass is starting and all farm work is on the move. Public sales are few. Wheat sells near the dollar mark. Rural market report: Oats, 60c; cream, 60c; eggs, 18c.—R. E. Patterson.

Morgan—Weather continues cool. Field work is being crowded. The first beets have been planted. Spring wheat and other grains are now being planted. Because of the high price of sugar, more beets are being contracted but company does not claim more than normal acreage.—E. J. Leonard.

Public Sales of Livestock

Shorthorn Cattle

May 9—Northwest Kansas Shorthorn Breeders' Association, Concordia, Kan.
May 16—Park Salter, Wichita, Kan.
May 16—Atchison County Breeders, Lancaster, Kan.

Jersey Cattle

May 3—Justamere Jersey Farm, Lees Summit, Mo.
June 4—J. E. Jones, Liberty, Mo.
June 8—Hal C. Young, Lincoln, Nebr.

Hereford Cattle

May 3—E. C. Rodwell, Cambridge, Neb.
May 7—State Breeders Association, Manhattan, Kan.

Holstein Cattle

May 10—Dodge County Holstein Association, Watertown, Wisc.
Nov. 19—Kansas Association Sale, Wichita, Kansas.

Aberdeen Angus Cattle

May 1—Johnson Workman, Russell, Kan.

Duroc Jersey Hogs

Sep. 4—L. R. Massengill, Caldwell, Kan.
Oct. 13—H. W. Flook & Son, Stanley, Kan.

Spotted Poland China Hogs

Oct. 8—C. W. Bale, Chase, Kan.

Poland China Hogs

Oct. 8—S. U. Peace, Olathe, Kan.
Oct. 9—Arthur J. Meyer, Olathe, Kan.

WHERE TO WRITE OR TELEPHONE

About Livestock Advertising

Following are the addresses of the men who handle livestock advertising for the Kansas Farmer-Mail and Breeze and also the Oklahoma Farmer, the Missouri Ruralist and the Nebraska Farm Journal:

John W. Johnson, fieldman for northern Kansas, 820 Lincoln St., Topeka, Kan.

J. T. Hunter, fieldman for southern Kansas, 427 Pattle Ave., Wichita, Kan.

Stuart T. Morse, fieldman for Oklahoma, 631 Continental Bldg., Oklahoma City, Okla.

O. Wayne Devine, fieldman for northern Missouri, 1407 Waldheim Bldg., Kansas City, Mo.

Charles L. Carter, fieldman for southern Missouri, 1407 Waldheim Bldg., Kansas City, Mo.

Jesse R. Johnson, fieldman for southern Nebraska, 227 South 13th St., Lincoln, Neb.

R. A. McCartney, fieldman for northern Nebraska, 227 South 13th St., Lincoln, Neb.

W. J. Cody, office manager, or T. W. Morse, director, care address below.

Notice: Orders for starting or stopping advertisements with any certain issue of this paper, should reach this office on or before Saturday, seven days before the date of that issue.

Instructions mailed as late as Friday evening on advertising to appear the following week, should be addressed direct to

THE LIVESTOCK SERVICE,
Capper Farm Press, Topeka, Kansas.

Sale Reports and Other News

At the sale of Spotted Poland Chinas held by the Henry Field Seed Company, Shenandoah, Iowa, April 18, seventy-five head of sows sold at an average of \$68.87 per head. Thirteen boar pigs sold for an average of \$48.08. The offering was taken by buyers from Iowa, Nebraska, Kansas, Missouri, Illinois, South Dakota, Ohio, Minnesota and Wisconsin.

Banbury's Polled Shorthorn Sale

J. C. Banbury & Sons, Pratt, Kan., have a large good Polled Shorthorn herd that has supplied Kansas and the southwest with a lot of cattle. Friday, April 20 their third auction sale resulted as follows: 5 cows with calves averaged \$166.00; 14 springers \$111.25; 11 two yr. olds \$148.75; 10 heifers \$89.00; 10 bulls \$131.50. Sale averaged on 50 head \$124.60, going to 28 buyers. Twenty-four head of the 50 sold at or above the average. \$65 was the lowest price paid and \$250 was the top paid by Chitwood Bros., Pratt, Kan., for Scotchman, a herd sire by Roan Orange out of Victoria Cruickshank dam. Top female was \$240 to W. C. Henry, Pratt, Kan., for a daughter of Sultan's Pride on a Marr Alexander foundation. W. H. Maddy, Stockton, Kan., bought 13 head. It was a very good sale.

Butler County's First Annual Shorthorn Sale

An even dozen Butler county Shorthorn breeders sold 38 head at Eldorado, Kan., Wednesday, April 18. The day was ideal and a good crowd assembled under a large tent on Main Street. It was a better than ordinary consignment to be found at most association sales this spring. Yet there were too many not sufficiently well fleshed to be presented for sale. Eighteen cows averaged \$105; 10 heifers averaged \$69.75 and 10 bulls averaged \$92.75. Top was \$250 for a May, 1922, daughter of Imp. Sunnyblink 17th, by Bapton, Elkhair, bought by R. Haughey, Route 6, Wichita, Kan. Second top was \$200 for a June, 1922, bull by Lord Aberdeen out of a daughter of Imp. Polmaise R. 5th, bought by Asher & Son, Independence, Kan. Both animals were consigned by J. C. Robinson, Towanda, Kan. Twenty-three buyers mostly from Butler, Chase, Marion, and Sedgwick counties took the offering. Unfleshed animals sold comparatively lower than better fleshed animals regardless of the breeding.

Notes From the Field

BY O. W. DEVINE.

S. W. Cooke & Son, Maysville, Mo., one of the oldest breeders of Holstein cattle in Missouri, are offering a few high class young bulls for sale. For 41 years they have bred registered Holsteins on this farm, and for the past 10 years the herd has been headed by nothing less than 30 pound bulls, whose dams have tested 5 per cent or over. The last three years they have used the great herd bull Alcartra-Hengerveld Seg's De Kol, a son of Arfman's famous bull, and Meta Hengerveld, a 30.15 pound cow testing over 5%, and the last daughter of old Hengerveld De Kol. There are now 12 head of Holsteins, every one bred and raised on the S. W. Cooke & Son farm. In the milking herd they have 30 head of cows from 2 years old up to 7 years. 30 head of two year old heifers that will freshen soon. They will be offered at fair prices. The farm is 60 miles north of Kansas City and 30 miles east of St. Joe. Farmers or breeders wanting a real high class bull or some breeding cows or heifers for foundation stock will be well paid to make a call at the S. W. Cooke & Son farm.—Advertisement.

BY J. W. JOHNSON

Stants Bros., of Hope, Kan., are starting their Duroc advertising in this issue. Look up their advertisement and write for booklet.—Advertisement.

Collins Farms, Sabetha, Kan., offer a real Holstein bull in the Holstein section of the Mail and Breeze this week. Look it up and write them at once.—Advertisement.

John D. Henry, Leocompton, Kan., offers fat boars and gilts and spring pigs at weaning time. They are by three good boars, Big Orange, Jay Hawk and Columbian Giant. Write for prices and description.—Advertisement.

M. F. Marks Shorthorns

M. F. Marks, Valley Falls, Kan., breeder of fashionable families of red Shorthorns, pure Scotch and near Scotch, starts his advertisement in this issue of the Mail and Breeze. He offers 20 cows, 25 heifers, 5 bulls and 150 head to select from. Moderate prices and terms if you want time. Better write to him today if you want Shorthorns.—Advertisement.

Shungavally Holsteins

Ira Romig & Sons, Topeka, Kan., proprietors of Shungavally herd of Holsteins report several recent records and others in the making. The daughters from their Konigen sire are showing great promise and two of them are old enough to have finished a 305 day record which they have done very creditably with 500 pounds of butter as junior two-year-olds. None of these daughters have milked below 50 pounds a day as junior two-year-olds and make from 15 to nearly 20 pounds of butter in seven days. A number of them are now on long time test and the best of them are to hear from. They have recently finished a very creditable record of 13522 pounds of milk and 598 pounds of butter which is a state record for both milk and butter. A full sister has just freshened at two years and three months old and made 365 pounds of milk and 18 pounds of butter in seven days and is going strong toward the 70 pound milk record which they think she will reach soon. She will of course be continued on a long time test. Shungavally dairy farm is just south of Washburn College and visitors are always welcome.—Advertisement.

Northwest Kansas Shorthorn Sale

The Northwest Kansas Shorthorn Breeders' Association sale at Concordia, Kan., Wednesday, May 9, is advertised in this issue of the Mail and Breeze. It is the regular spring sale of this association and in this sale 15 members are consigning the cattle. Only about 40 head have been selected for the sale and it is an offering worth the attention of any breeder or farmer who is looking for good Shorthorns. There will be five bulls in this sale, pure Scotch and sired by a great Sultan bull that are very likely as desirable as any five bulls sold in a sale anywhere this season.

Park Place Shorthorns

(Imp.) Bapton Corporal Production Sale

Park Salter Farm 20 miles southeast of
Wichita and 8 miles southwest of Augusta
Wednesday, May 16

45 head: 5 bulls, 10 cows with calves, 10 bred cows and heifers, 20 open heifers.

Bulls: 3 serviceable age bulls by Imp. Bapton Corporal out of daughters of Bandsman Commander, Village Marshal, Maxwalton Rosedale, 2 by Lavender Emblem by British Emblem. All good, but Bapton Bandsman out of a Kansas National and International prize winner is likely the greatest bull ever sired by Bapton Corporal.

Cows with Calves: Most of them with calves by Imp. Bapton Corporal and rebred to same sire.

Bred Cows and Heifers: by Second Fair Acres Sultan and Imp. Bapton Corporal bred to Imp. Bapton Corporal, a son of Bapton Corporal, and son of British Emblem.

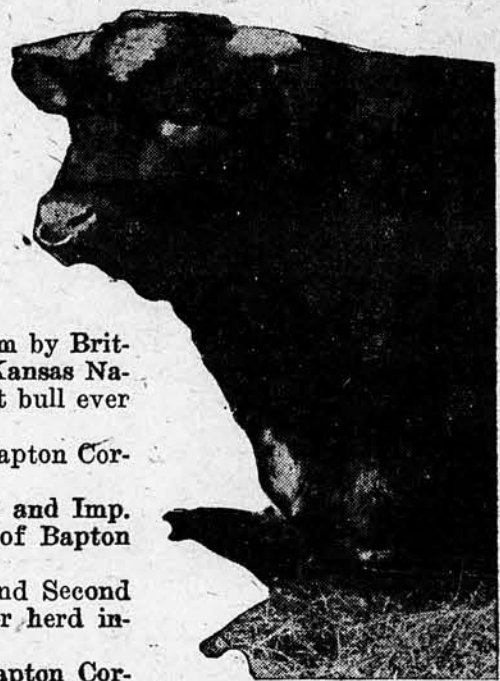
Open Heifers: Nearly all by Imp. Bapton Corporal and Second Fair Acres Sultan out of best foundation cows in Salter herd including imported cows.

Greatest assemblage of sons and daughters of Imp. Bapton Corporal ever dispersed in one sale. J. Deane Willis states that Bapton Corporal was the best bred bull ever sent from his herd to the United States. He is a Clipper and every dam in his pedigree is Cruickshank and Willis bred. No other imported bull has won as many championships as Imp. Bapton Corporal. He not only has great vitality and fleshing qualities but he transmits these qualities to a marked degree to his get. Attend the sale and you will observe this in the bull and his sons and daughters. Federal tested, 60 days retest privilege. Sale at farm with less than usual sale expense. Buyers get the benefit. Free transportation from Broadview Hotel. Please mention Kansas Farmer. For catalog address

Park E. Salter, Wichita, Kan.

Auctioneers: Herriff, Newcom, Burgess, Morton.

Fieldman, J. T. Hunter.



Atchison Co. Shorthorns

A richly bred offering of Scotch and Scotch topped Shorthorns. Sale at the K. G. Gigstad Farm, one mile north of Lancaster.

Lancaster, Kan., Wed., May 16

45 head as follows: 9 cows with calves at foot, 11 bred cows, 14 open heifers and 11 bulls.

The sale committee inspected the sale offering and it is a splendid offering of richly bred Scotch and Scotch topped Shorthorns.

The following breeders are the consignors:

K. G. Gigstad & Sons, Lancaster, Scholz Bros., Huron,
Ed Highland, Lancaster, Howard North & Sons, Lancaster,
The Glanceys, Atchison, H. C. Graner, Atchison,
Ralph Bonnell, Lancaster, Ashcraft Bros., Atchison,
John Fuhmean, Lancaster, Will Bloomer, Lancaster,
Louthian Bros., Huron.

Every animal has been tuberculin tested and nearly everything is from federal accredited herds. The sale catalog is ready to mail. Address either

**Harry Gigstad, Lancaster, Kan. or
A. W. Scholz, Huron, Kan., Sale Managers**

Auctioneers: Jas. T. McCulloch, Geo. W. Berry. J. W. Johnson, Fieldman, Mail and Breeze.

SHORTHORN CATTLE

SHORTHORNS THE FARMER'S CATTLE

Shorthorn cows are profitable milkers and their calves grow into steers that make rapid gains in the feed lot and dress out a high percentage at the market. For information write
American Shorthorn Breeders Assn.,
13 Dexter Park Avenue, Chicago, Illinois

Marks Lodge Shorthorns Red Scotch

20 cows, two and three years old. Five yearling bulls, 25 heifers, 150 head to select from. Ten fashionable families. Milk and beef prospects. Moderate prices and time if desired. M. F. Marks, Valley Falls, Kan.

SHORTHORN CATTLE

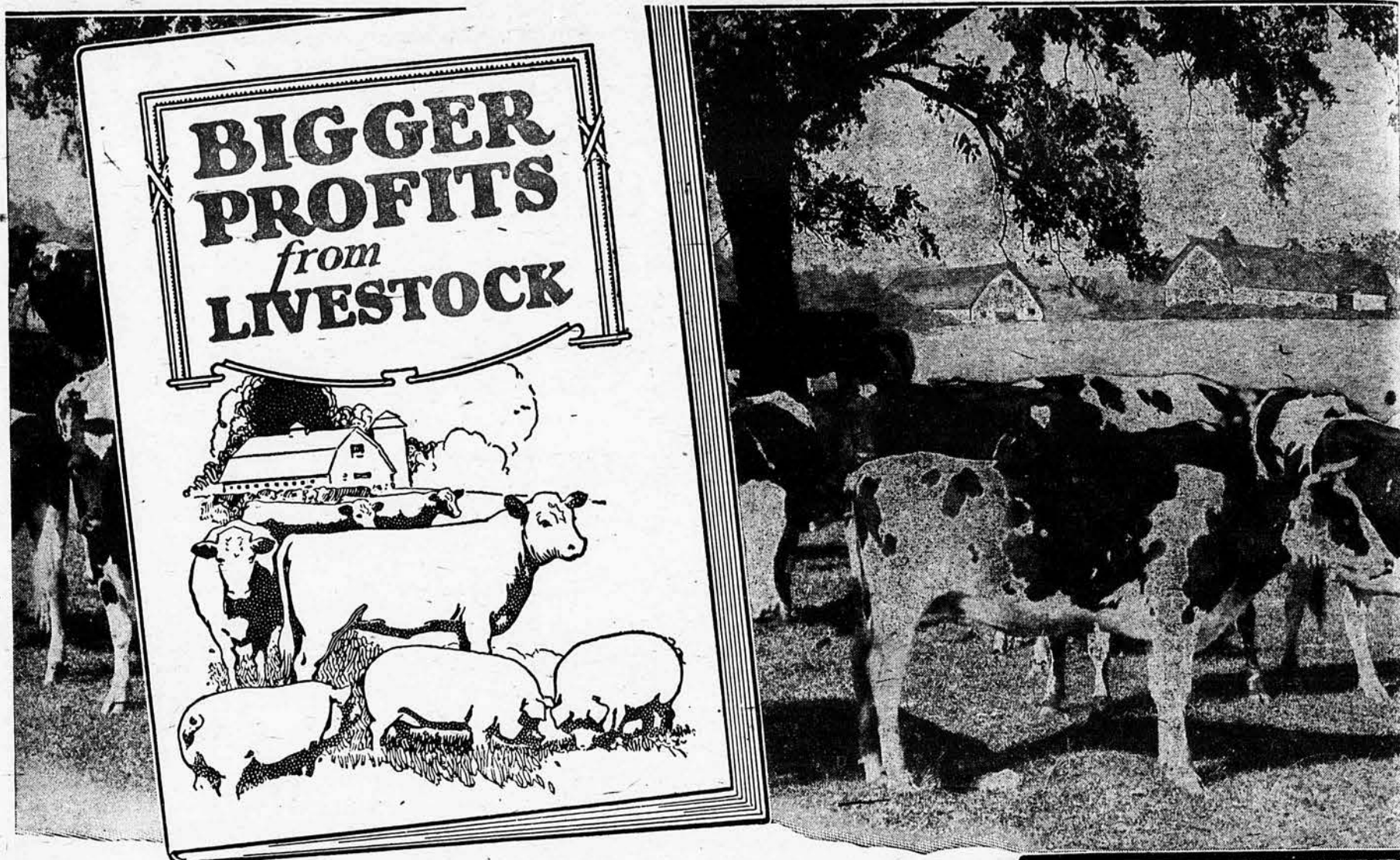
Registered Shorthorn Bull For Sale
Five yrs. old. Ray Effner, R. 3, Udall, Kan.
JOHN MCCOY & SON, SABETHA, KAN.,
offer 8 choice Shorthorn bulls, 12 to 18 months old. Priced to sell.

MILKING SHORTHORNS

Milking Shorthorn Bull Calf

Four months old, solid red in color, out of the Young Phyllis cow, Shenstone's Bride, and sired by Pine Valley Viscount, whose dam has an official record of 14,734 lbs. milk one year. A choice individual. First check for \$30 gets him.
JOHNSON & DIMOND,
R. F. D. 4 Fairbury, Neb.

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Thousands of Farmers now have Livestock on a more Profitable Basis

THE time, money and labor that farmers and stockmen invest in feeding and raising livestock should return a worth-while profit each year. Some are getting these profits that should rightfully be theirs—but many are not!

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Amazing facts on livestock, amazing because of their worth and simplicity, have been obtained from the country's most successful farmers and stockmen as well as high-standing agricultural authorities. These facts have been compiled in a compact booklet by the

Carey Salt Company, Hutchinson, Kan. This booklet, entitled "Bigger Profits from Livestock", should be read by every farmer and stockman of America.

"Bigger Profits from Livestock" is an up-to-date encyclopedia of livestock information. It is a commonsense, practical text book that contains the real secrets of success and profits in livestock.

Whether you raise a few head of cattle or hogs, or whether you have thousands, this new and wonderful volume contains information that means **more** money for you.

"Bigger Profits from Livestock" is not technical. It sticks straight to facts; written in the language of the stockman. It is practical, easy to understand, from cover to cover. And remember—everything in this Book is based on **proven** experiences.

This Book Shows You

- How to Fatten Beef Cattle For the Market
- How to Make Dairy Cattle More Profitable
- How to Get the Best Out of Your Feed Stuffs
- Relative Value of Feed Stuffs
- Feed and Care of Swine
- How to Make Ensilage Profitable
- How Correct Salting Pays Big Profits
- Hundreds of Other Valuable Facts.

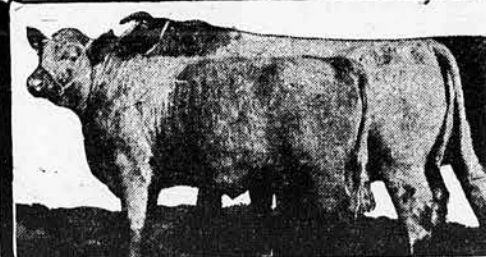
This Book is FREE to every farmer and stockman living between the Mississippi River and the Rocky Mountains. Simply go to your dealer who sells salt. Ask for a copy of "Bigger Profits from Livestock", published by the Carey Salt Company. If he cannot supply you, send the attached coupon to us.

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