

Crop 2

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Blame Whom You Will for the Smyrna Horror, Help in Quick Relief **NOW!**

Thousands of Christian refugees fleeing in advance of Kemal's forces with their villages burned behind them are scattered along the Aegean Sea from Brusa to Smyrna. 250,000 camp in terror on Greek Islands. The population of Smyrna, normally about 300,000, had been swelled to 700,000 when fire consumed the city.

In one night peaceful, law abiding citizens shorn of every earthly possession were rendered homeless and helpless.

Cables reaching headquarters of the Near East Relief, the organization chartered by Congress to conduct relief activities in the Levant, read:

"MANY REFUGEES DYING EXHAUSTION. REFUGEES UNKNOWN FATE RELATIVES IN NIGHTMARE GONE INSANE. OTHERS FEELING THEY NEXT WILL BE REMOVED TO INTERIOR WHERE CERTAIN DEATH AWAITS THEM. BREAK FROM GUARDS—SUICIDE IN SEA."

"HITHERTO WARM NIGHTS GIVEN WAY TO COLD INCREASING SUFFERING REFUGEES. MANY CONTRACTING DISEASES THREATEN RISE EPIDEMICS."

"FOOD SHORTAGE NEVER ACUTER. REFUGEES HAVE EITHER CONSUMED OR HAD STOLEN FROM THEM WHATEVER FOOD SUPPLIES THEY BROUGHT ALONG."

"50,000 REMAINING IN SMYRNA DEPENDENT ON AMERICANS WHO GIVING 20,000 RATIONS COMPRISING HALF POUND LOAF BREAD DAILY."

"300,000 REFUGEES SMYRNA REGION, 40,000 MOUDANIA PRACTICALLY FOODLESS. NO PROSPECT RETURNED DESTROYED VILLAGES."

"REFUGEES FROM SMYRNA AND EASTERN THRACE NOW EXCEED 1,000,000."

When the Constantinople office of the Near East Relief cabled national headquarters of the situation in Smyrna brought about by the influx of war refugees, \$25,000 was immediately cabled.

At the outbreak of Smyrna fire a second \$25,000 was appropriated, the Red Cross cabling like amount. All American philanthropic agencies are co-operating through Near East Relief organization. But the funds are utterly inadequate to meet the desperate situation.

Near East Relief, the clearing house for relief activities in Asia Minor and surrounding territory, is making a nation-wide appeal for funds to meet this emergency and to tide over these homeless, helpless, hungry people until governmental provision can be made for them.

Unless help is immediately forthcoming thousands of innocent women and children will perish.

Let us see that we do not walk by on the other side

Address all checks marked "SMYRNA"
to CLEVELAND H. DODGE, Treasurer

**Near East Relief, 151 Fifth Avenue
New York City**

Jayhawker's Farm Notes

By Harley Hatch

WITH November came one of the best rains we have had for a long time. Farmers called it a "wheat rain" as it did not make enough moisture to sodden the ground but did provide enough for the needs of the wheat for the next 30 days at least. With the warm weather which followed the rain, wheat fairly jumped; if it grows as much in the next week as it has in the last it will be fully up to where it was last year at this time. Last year on November 1 our soil held no more moisture than it does today and it went thru the winter without any further supply, virtually no rain or snow falling between November 1 and February 22. The bluegrass is growing and is making an abundance of feed in the creek pasture on this farm. We are feeding the stock something but they are still getting the most of their living from the grass.

Fixing Up the Pond

The bulk of our work during the last week has been put in on a pond in a pasture which we bought last summer. The water supply in this pasture was provided by a pond but the pond dam had been cut out and the bed of the pond was dry. This piece of grass land has not been used for pasture purposes for some time, being used as a meadow, and so the water supply was not needed.

As we intend to use part of the land for pasture next year it was up to us to provide a water supply and we are doing this by remaking the old dam and scraping out the bottom of the old pond until it will hold from 6 to 8 feet of water. The old dam was not high enough, being lower in the middle and the spillway was not large enough to take care of even an ordinary overflow. As a result, the old dam was cut clear thru from top to bottom.

It takes a good dam and a large spillway to handle the water that comes down one of our prairie runs after a 3-inch rain. The accompanying picture shows how a dam 8 feet high looked during one of the floods we had last spring. The dam held intact but during the highest water the top could barely be seen.

Double Crossing the Farmer

Many of the farmers here feel that they have been treated of late, in a financial way, like the small boy who is promised a trip to a moving picture show if, after it is over, he will visit the dentist and have a tooth drawn. Along the last of October things went well; the price of all farm produce rose and grain did especially well. Then the papers said that the farmer was going to have his inning but the next thing that hit us was a \$1.50 drop in hogs and about a \$1 drop in cattle. What does it profit us if we have someone hand us money with one hand and then immediately take it away with the other?

Of course, we are not at this time in the hog business extensively in this part of Kansas and our corn acreage is small, so that the corn and hog deal does not harm us much, but in the main corn belt it does hit farmers hard to have the price of hogs get down to the corn level. When that happens the average farmer feels that his feeding operations are a mere swapping of dollars and that all he

gets for the risk he runs is the society of his hogs. The farmer lacks a great deal of getting a square deal in his exchange of farm products for manufactured goods.

Plenty of Forage for Feed

We have not yet begun to feed for the cattle but we keep plenty of prairie hay in the racks and they seem to relish it even if they still have considerable bluegrass to eat. The majority of the hay we have in stack was put up the first week in September, which was two weeks too late to obtain the best quality of hay. But the hay of good color and seems to make good feed. We have a great advantage this part of the country, in the way of raising stock, in our good bluestem meadows and pastures. This is a crop that never fails; a year with plenty of moisture will increase the tonnage considerably and a dry year will cut it down but it never varies with the seasons as do the cultivated crops.

We have records of the number of bales taken from a small meadow on this farm since 1913 and they indicate better than anything else how regular our feed supply runs. Beginning in 1913 we had 634 bales, and the record for each successive year were as follows: 923, 913, 791, 809, 666, and 1919, 820. In the spring of 1920 we fenced 5 acres of this meadow in pasture; since that time the record runs as follows: 1920, 701 bales; 1921, 785 bales; 1922, 740 bales.

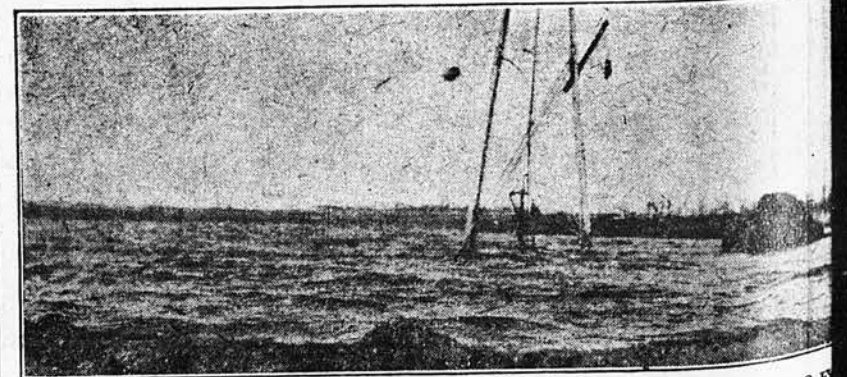
Good Apples in Demand

In Burlington recently a car of apples came in from Doniphan county. Despite the good local crop, these apples were going like the proverbial "hot cakes" and in the 1½ hours which we were waiting our chance to get some I believe that nearly half the car was emptied. There were four varieties in the car in about equal amounts, Winesap, Ben Davis, Gano and Black Twig. When we left the Winesaps were about gone and a large part of the Black Twig but the Ben Davis and Gano were going slowly. The price was \$1 for Ben Davis and Gano and \$1.15 for Winesap and Black Twig. Ben Davis was the variety desired as they are, according to notion, the best cooking apple on the market; the only apple that excels for pie making is Delicious and the variety is too high in price for the pocketbook of the average farmer. The local demand for apples was most supplied this fall by home orchards; one farmer with a 20-acre orchard selling more than 3,000 bushels at 75 cents and \$1 a bushel.

Our Winter Fuel Supply

So far we have laid in no winter fuel supply on this farm. We have left over almost as much coal as we burned last winter, but that was more than 1 ton. We also have a supply of wood for probably the next months. On some of our trips to town with the truck we plan to bring home one load of coal and that will have run us. We are buying this coal mix with wood in the coldest weather as we find that part wood and part coal makes a much better fire than either one will make if burned alone.

A little nonsense is singularly refreshing to the man who works hard



This Picture, Taken on the Farm of Harley Hatch, Shows How a Dam 8 Feet High Looked During One of the Floods That Came in the Spring This Year



An Investment in Happiness

W. J. Adams of Leavenworth County Has Put His Surplus Funds Into a Modern Home and Farm Equipment Instead of Into More Land

By James H. Cloture

INSTEAD of accumulating more acres to interfere with the intensive way in which he operates his 160-acre Leavenworth county farm at a profit, W. J. Adams has invested his surplus earnings in comfort, convenience, satisfaction and pleasure. His investment has taken the form of a \$12,000 modern home, two large poultry houses, a 20 by 20 hog house, a big garage and other buildings. The next item to be added will be a modern barn with liberal space for the storage of hay and the housing of livestock. In every instance these investments have contributed to the efficiency with which Adams has handled his land and livestock and himself as the business executive. There is no question but that his beautiful home has been a big factor in helping Adams conduct his business successfully. It has given him confidence to go ahead and supplied the proper setting for success. Its convenience and the comfort it makes possible, both have contributed to Adams's personal efficiency.

Believes in Home Comfort

After all, that is the least important thing to consider. The vital contribution of that modern home cannot be measured by the legal tender yardstick. Man has but one life to live on earth and his environment has a great deal to do with determining whether his experiences shall be happy. The Adams home, located amidst the Missouri River valley hills, with a sweep of rolling bottom land before it, probably in the brief term of its existence has done more than any other

thing in establishing contentment on this farm.

To Mrs. Adams it is a dream realized and an every day assistant in simplifying the multitude of tasks that constantly arise. Naturally, she enjoys it most because the greater portion of her life will be spent within its walls.

The house was built in 1918. It was completed as a Christmas present to the family that year, the first meal cooked in the kitchen being Christmas dinner. Cost of construction was ap-

proximately \$10,000, but Mr. Adams spent \$2,000 in fixtures and equipment.

There are five rooms downstairs and three entrances, side, front and rear. The side door opens into a room of medium size, a sort of reception room, in which Mr. Adams has his desk. From this doors lead both to the dining and living rooms. The latter extends entirely across the north end of the house with a stairway at one end and a large fireplace at the other. Both gas and coal are used in the fireplace.

Wooden panels, several feet in height, cover the lower portion of the walls of the dining room. Heavy beams stretch across the ceiling. There is a large built-in china closet. The living room contains two built-in book cases.

The kitchen is large but conveniently arranged. At one end is a pantry and near it a built-in cupboard, with a flour bin and many large drawers. At the opposite end Mr. Adams plans to install another cupboard.

On the farm some convenient place to hang work clothes, overcoats and hats or to store boots and overshoes, is a necessity. The Adams house contains a room, just off the kitchen, used for these purposes. A short hallway, formed by the back stairs leading to the second story, connects this room with the kitchen and back porch or with the basement. A toilet adjoins.

Hired Man Not Forgotten

Upstairs there are six bedrooms and a bath. One room is for the hired man. Additional sleeping quarters are afforded by a sleeping porch extending across the south side of the house. This is screened as is the back porch on the ground floor.

The front porch extends along the north and east sides of the house. A bluegrass lawn slopes from this porch in both directions, occasionally broken by trees and shrubs.

The mechanics of the house, responsible for much of its convenience and comfort, are located in the cement-floored, rock-walled basement. A combination electric light and water pressure system is installed in one corner of the basement. (Turn to Page 13)



This \$12,000 Modern Farm Home Represents the Surplus Earnings of a 160-Acre Farm Owned by W. J. Adams of Leavenworth County

Where 40 Acres and Chickens Pay

By Earle H. Whitman

TWO years ago M. L. Strand made what may well prove to be his last real estate transaction. Life had been full of such deals up to that time, for Strand was a real estate agent. Then he acquired a 40-acre farm near Dover, Shawnee county, and decided to change his ways. Poultry raising is quite different from selling farms, and Strand's new neighbors ventured to express some doubts as to his ability to make any money, especially on a farm which never had broken any records for fields. "I believe I can make more from my 40 acres," was Strand's answer. "than many do from 160 acres." This poultryman decided the place to start was right at the beginning. Raising a high percentage of chicks hatched is a big factor in profits, so special attention was given to incubator and brooder house. Nearly all this equipment is homemade. The incubator has a capacity of 1,008 eggs. It is located in one room of the basement beneath the brooder house. In the other room is the jacketed stove which supplies the heat for the young chicks in the brooder pens.

Brooder House is a Feature

The brooder house is—and should be—the feature about the poultry farm of which Strand really is proud. The building is 40 feet long by 10 feet wide. It faces south, of course, and has a plentiful supply of windows. On the north side is an alleyway 2 feet wide. Running the entire length of the building, except for alleyways at the ends, is a long coop, about 18 inches high by 2 feet wide. This coop is divided into compartments holding 100 chicks comfortably. There are two sections of the coop, the dividing point

being that part of the furnace jacket which projects above the floor.

Heat is supplied thru 4-inch conductor pipes. Two lines of pipes run parallel thru the coop, and are joined together at each end by elbows. One line is connected to the furnace jacket, while the other opens in to the outer air. This provides excellent ventilation and at the same time equalizes the heat so that there is no crowding together by the young chicks, with the attendant danger of smothering. One admirable feature of the brooder coop is that the pipes may be disconnected at will from the furnace and the entire section tipped back against the wall. This guarantees the strictest sanitation, for the floor may be swept at any time.

A pen is provided for every compartment in the coop, and extends outside the house, so the chicks may take advantage of good weather. Lights supplied with "juice" from the farm electric plant give the finishing touch to a brooder house that scarcely could be improved upon.

Strand likes a commercial-milk mash for the chicks until they are 6 to 8 weeks old—thru the white diarrhea stage, he says. A scratch feed of rolled oats also is provided.

When the chicks are 4 weeks old they are moved to their permanent quarters—the shed-type houses which Strand has built. Ten of these houses now are in use. The standard size is 72 feet, the building containing three roosting houses and three open-front scratching pens. In the winter the houses are banked up on the north sides with kafir to shut out any pos-

sibility of drafts. Strand's chickens are not coddled, however, as they are given open range thruout the winter, except in severe weather. Rye is sown for green feed, and the grain ration consists of a dry mash containing about 50 parts shorts, 50 parts bran, 20 parts oatmeal and 20 parts meat scraps. This is given in large hoppers built in each house.

Lice and mites are given no chance to cause trouble. In the spring everything is sprayed with a cheap, black oil, or oil from the crank case of the Strand automobile if any is available. When the oil is too heavy to work well, some coal oil is added. Later in the summer all quarters are sprayed with a mixture of lime and salt water. This course of treatment seems to give good results, for Strand's flock appears in the very best of condition.

As many eggs as possible is Strand's objective, for his best profits come from that source. He keeps only pure-bred Single Comb White Leghorns, and makes every effort to market his eggs at top prices. His pullet eggs this fall are averaging 57 pounds to the case. No attempt is made to force the pullets to begin laying. This year most of the chickens were hatched about the first of April, and the pullets began laying the first of October. Strand culls his flock regularly, and pays particular attention to keeping the hens which are proving to be exceptionally good layers. He is planning to install trapnests so as to be able to check up more closely on individual hens.

Cockerels are marketed at the broiler stage, the best time, in Strand's opinion, for selling Leghorns. He gets

good returns and lets them go just at the time they have completed their most rapid growth and would begin to deteriorate from a market standpoint.

Perhaps nothing indicates more clearly the efficiency of Strand's methods than the fact that of the first hatch last spring only 5 per cent—50 of the 1,000 eggs set—were lost, and only 8 per cent of the second hatch. He raised 1,870 chickens to 4 weeks old, the age at which they leave the brooder house. About 850 pullets were kept this fall, which, with the 150 older hens, make the laying flock number 1,000 birds.

Throw Away Small Coops

"Not many farmers can go to the expense of having brooder houses," says Strand, "but there is one method which every farmer could follow and thereby increase his poultry profits. Throw away the many small coops scattered about the place. Put the young chicks in large bottomless boxes right in a shed-type house. As soon as they are old enough the boxes may be removed and the chicks taught to roost on the perches. Fifty per cent more chickens would be raised by adopting such a plan."

Profits tell the final results in any business. Strand's start in 1921 was a very moderate one and at the end of the year he considered his profit to be only \$81.31. In addition he had 250 pullets, valued at \$1.50 apiece, or \$375—a total of \$456.31 to start with in 1922. Counting the pullets raised this year, eggs sold and broilers marketed, his income up to the last of October was \$2,476.33. Expenses amounted to \$530.20, leaving a profit for the 10 months of \$1,946.13, and a thousand-bird egg machine ready to begin work.

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Passing Comment—By T. A. McNeal

FOR several years in succession the entire country has experienced remarkably warm winters. What may possibly be an explanation is given in the report of explorers in the North that the Arctic ocean is steadily growing warmer and has been for the last four or five years. In places where there used to be vast icebergs there are now open seas and there is a change of the fauna and flora along the shores of Labrador and Greenland. It may be therefore that the remarkably warm and pleasant fall weather will last thru the winter as it did a year ago.

Lloyd George's Great Battle

IN ENGLAND Lloyd George, forced out of power after a longer continuous rule than was ever enjoyed by any English premier not excepting even Pitt, is fighting for a restoration to power with all of his old time vigor but apparently this time he is fighting a losing battle. If he wins it will demonstrate the tremendous personality of the man perhaps as much as any time in his wonderful and spectacular career. His political enemies are charging him with about every form of corruption and perhaps the charges are largely true, but he can retort, as did Pitt, that his acts were done in the interest of his country and not for his personal gain.

Titles are dear to the typical Englishman, notwithstanding his democratic tendencies in other directions, and the sale of titles is no new thing in English history. The Stuarts resorted to it as a course of revenue when a stubborn and hostile parliament refused to grant their demands for money. Pitt sold titles shamelessly in order to fill the exchequers of the king. Lloyd George is charged with having offered knighthoods and baronetcies at from \$60,000 to \$150,000 apiece. It has perhaps added a little zest to the contest in England that Ex-President Wilson has expressed the opinion that Lloyd George is a man without principle.

Motor Cars Kill 10,000

MORE than 10,000 people were killed by automobile and other motor vehicles, excluding motorcycles, during the year 1921; an increase of 1,063, as compared with the number of deaths from the same cause in 1920. In only seven states in the Union is there shown a decrease in the number of casualties; these states are Connecticut, Delaware, Florida, Nebraska, New Hampshire, South Carolina and Vermont. All the others reporting show an increase. Among the 66 cities reporting Los Angeles shows the highest rate of mortality from this source, 27.1 for every 100,000; and New Bedford, Mass., the lowest rate, 2.7 for every 100,000.

Anyone who has visited Los Angeles will not be greatly surprised at the death rate, as there is more automobile traffic there in proportion to the population than in any other city in the world. However, most of the accidents occur there in parts of the city where there are no traffic policemen.

The Election

I AM not one of the wise boys who can say after it is over, "I knew that was the way it was going to turn out." I did not know. I had the impression along with most other people, that the Republican majorities of two years ago would be greatly reduced and that there probably would be many less Republican members of the next Congress than of this, but I did not suppose that the change would be as great as it is. I thought that the Republican candidate for governor in Kansas would be elected, but by a greatly reduced majority. Looking at the matter now I am unable to explain the changes. If the people were right in making the change they did make two years ago, I can see no reason now for a reversal of that verdict. In fact I do not think that there is any general deduction to be made from this election. The same causes did not operate in all localities. Influences that changed the vote in some localities had little or no influence in other localities. If the people of Missouri were sorry that they repudiated the League of Nations in 1920 there was no particular sense in re-electing Jim Reed

to the Senate this year, for perhaps more than any other man Reed was responsible for the great overturning in Missouri at the election of two years ago.

Upon no very consistent theory can the fact be explained that in Ohio the people elected a Democratic governor and at the same time elected a Republican Senator to take the place of a Democratic Senator, for the Senator has a good deal to do with national policies, while a governor has little or nothing to do with such policies.

In Kansas the result is as peculiar as anywhere else, but I think more easily explained. W. Y. Morgan was defeated, not because of personal unpopularity or because of the personal popularity of his opponent, but because of the forcing of an issue into the campaign that never should have been forced into it. The Industrial Court law was not passed as a party measure. The Democratic members of the Senate and House voted for it as generally as did the Republicans. It was an experiment, and one which I think has very largely failed, but whether it has or not, support of it should not have been made a test of party fealty. I have given my opinion of the law on several occasions and have seen no reason to change that opinion. If the sponsors for it think it will be generally adopted thruout the Nation they may as well abandon that idea. It will not be.

A law which undertakes to settle the differences between two parties should have the confidence of

and substituting another body for it. He does not indicate what sort of a body he has in mind. In my opinion he has the opportunity to do the state and country a great service in this matter if he has the strength of purpose to take the question out of politics. I do not believe it necessary to have a continuing body of politicians any more than it is necessary to have a standing jury.

What, by the way, are the essentials of a good jury? One essential is that both sides to the controversy have an equal voice in selecting the jury so that when selected it will be satisfactory to both parties and the other is that the jury be made up of fair minded, disinterested men and women, as women now sit on juries with men.

If Governor Davis can persuade the legislature to enact a law based on this foundation principle of the jury system he will in my opinion come as near getting at the right remedy as is humanly possible.

Quiet Election in Cuba

WE ARE always interested in the Cuban elections. For once the elections in this rich island seem to be passing off peaceably. The Liberals have won in most of the provinces, tho it is a matter of doubt as to just what the word Liberal means in Cuba. A very brief stay in the island tended to convince me that the triumph of a party to the Cuban means, if he belongs to that party, that he will gain some personal advantage from the election.

Political principle means little or nothing to the Cuban. He is ready to transfer his political allegiance if he can be convinced that it is to his financial advantage to do so. Under Spanish rule government meant that which robbed him and gave as little as possible in return. Every official was a grafter and every taxpayer a victim. It is not remarkable if the average Cuban has no very high ideal of citizenship.

A Word About Radicals

WHEN we speak of radicals it is generally understood that we mean radical socialists, radical labor agitators, I. W. W. propagandists or something of that kind. This definition, however, is entirely too narrow. A radical is just an extremist in his opinions, no matter what the may be. He may be a radical standpatter who is opposed to any sort of change either in his religious, political or economic beliefs.

When he really becomes a radical he has reached a definite conclusion so far as he is concerned. The question about which he is radical is so far as he is concerned no longer open to argument. He may concede that the man who differs from him is honest, but if so he is steeped in ignorance and mental blindness or is unwilling to see the light.

Generally radicals, whether religious radicals or economic or political, divide those who differ from them into three classes—the ignorant, who may possibly sometime be enlightened, the fools, who never can be, and the dishonest, who do not wish to be, or who hold their views for purely selfish reasons.

A few radicals are mild tempered; they do not desire to see any one hurt, but most radicals finally come to believe that the only way to reform the world is by violence. It may be that they would prefer that all men should come to their way of thinking voluntarily, but they grow impatient at opposition and decide sooner or later that the only way to get rid of the ignorant, the fools and knaves who oppose them is to kill them, or at least put them in a position where they cannot hinder the march of progress.

Usually the real radical is an honest man, and the more radical he is the more likely he is to be honest. The most dangerous man in the world is the genuinely honest fanatic. Of course, the man who believes thoroely in things as they are, or perhaps as they were say fifty years ago, does not for a moment consider himself a radical. He would be insulted if called that. His idea of a radical is the man who is agitating for a change.

If he is a religious radical of the old school, he is the kind of man who made up the personnel of the Inquisition. If he had lived in those times he would have applauded as the victim was tied to the stake or bound upon the rack. As a matter of

One's Future Self

BY ALEXANDER LOUIS FRASER

HE sold his birthright"—'twas of Esau said,
"And what use shall this birthright be to me?"

The future thus he mortgaged thoughtlessly,
When passion-blinded appetite he fed.
The summer that he might have seen was dead.

Yea, dead, thrice dead, ere it was born, and when

He found his choice could not be made again,
Thrice bitter were the rueful tears he shed.

What is the kind of man you fain would be?
What harvest of the years demand? Ah, know
If you would have a body strong and free,
A furnished mind, a will that like a bow
Shoots every arrow straight, take pains to see
That in life's spring 'tis wheat, not chaff,
You sow!

both parties. Almost necessarily this law cannot have that mutual confidence because in the very nature of things it is a political court. I do not mean by this to reflect on the ability or integrity of the members of the court, but they are appointed by a political governor and in the minds of a majority of the people he will appoint a court with a certain political bias.

It is my opinion that in all probability the very men who have been insisting that this is the best possible way to settle industrial disputes will before two years be rather anxious to see the law repealed.

However that may be, there is no question that putting this law into politics worked the defeat of W. Y. Morgan for governor.

How About the Wet Vote?

THE wet vote elected Jim Reed, Senator from Missouri, but on the other hand the wets lost out in the state of Ohio, where they have always been strong. There is nothing in the returns to indicate that the wets are going to get control of the country generally. The fact is that there was no great national issue in this election and if Democratic leaders are wise they will not undertake in two years from now to make a wet issue in the national campaign; if they do they will lose.

Governor elect Jonathan Davis says that he is in favor of doing away with the Industrial Court

fact, he would have considered that the Inquisition was really doing the victim a great service because that was the only possible way to save him from his wickedness and folly and give his soul a chance.

He has no patience with any new-fangled political or economic notions. He thinks the Government is entirely too lenient with these reds and agitators and men who would interfere with the privileges of the banks or the employing class. He is in favor of a large standing army. He may say that he desires it in order that we may be prepared for possible war with some foreign power, but what he has in the back of his head is the thought that an army is necessary to suppress the agitators who wish to upset the present order. He is in no frame of mind to come and "reason together." Why argue about a matter which to his mind is settled?

Of course, according to his opinion, violence on the part of reds, labor unionists and other socialistic radicals is wicked; it is really treason and should be punished as such. The radical socialist or I. W. W. or labor unionist reasons the same way as the radical conservative. To his mind, the present order of things is altogether wrong and his own ideas are entirely right. The man who differs from him is, in his opinion, either a selfish exploiter or an ignorant fool.

Impatient about the delay in bringing about the changed order which he advocates, sooner or later he comes to believe that only by force can the world be reformed according to his notion. I think practically everything in nature, physical and mental, moves in circles. Here are two individuals or two ideas, if you please; they seem to move in opposite directions, but finally they meet at the side of the circle opposite from that from which they started, and here one of two things must result; either they compromise or fight to the death.

Personally, I think that all pronounced radicals are wrong, whether they are religious radicals, political radicals or economic radicals, and I here class the radical standpatter with the radical socialist. The minds of both are closed to argument. Both are bigoted and intolerant.

The problems of this world are so vast that no

man can be certain of their solution. It is a time when we need charity and tolerance, not bigotry and intolerance.

Farmers' Service Corner

READERS of the Kansas Farmer and Mail and Breeze who desire to have legal advice or who wish to make inquiries on general matters may receive whatever service we can render in this way free of charge, but the limited size of our paper at present will not make it possible to publish all of the replies.

Transportation for School Children

Are there any laws providing for transportation for children when they have to go 3 miles or more to school in a city of the second class? R. G.

The government of schools in cities of the second class is provided for in Article 12 of Chapter 105 of the General Statutes. There is nothing in this chapter which provides for the transportation of pupils living 3 miles or more from the school. Evidently the Kansas legislature did not contemplate that the boundaries of a city of the second class would be so extended that any pupil would have to travel that far in going to school.

Exemptions Under Bankruptcy Law

I would like to know what rights of exemption one has under the bankruptcy law. I have been told that all one can hold is the exemption he is allowed by the laws of Kansas and that a single man can hold nothing. Is this true? T. B.

You have been correctly informed. The bankrupt is permitted the same exemptions he is permitted under the Kansas law and if he is a single man he has no exemptions. I have briefly explained the bankruptcy law a number of times but will do so again. In filing a petition in bankruptcy in the United States Court the one seeking to be adjudged a bankrupt files with his petition a schedule of his assets and liabilities. That is he files a schedule of all the property he owns and then a schedule of all the debts and the persons to whom the debts are owed. From his

assets if he is a married man are deducted the exemptions he is allowed under the Kansas law. The rest of his assets after paying the expense of the action in bankruptcy are distributed among his creditors pro rata and if the court is satisfied that he has made an honest inventory it may then declare him bankrupt and he is relieved from further liability on the debts contracted before bankruptcy proceedings were instituted.

Good Cause for Lawsuit

About two years ago I bought a bull from a man who sold him to me as a registered bull. He told me to call and he would give me the papers. I have asked him for the papers several times but he has failed so far to provide them and I have heard that the bull is not registered. Can anything be done? A. D.

You would have the right to recover from the seller of this animal not only the difference between the value of such animal registered and unregistered but if you could show that you were damaged by reason of the service of this animal you could collect that also. The only way in which this could be done would be to bring suit against the man who sold the bull.

Must Pay For Pasture

A buys a cow from B paying cash and does not get the cow for two years. No agreement was made as to pasturing or when the cow was to be removed. B did not give a bill of sale and wants A to pay pasture bill. There is free range and B was told to turn the cow out. Can A get the cow? If so, how should he proceed? R. M. B.

If A has knowingly permitted this cow to remain in B's pasture and made no protest I do not very well see how he can get out of paying pasture bill. If on the other hand the cow was turned out on free range, then B would seem to have no claim for pasturing the cow.

If B is holding the cow in his pasture but as a matter of fact has not pastured her on his private premises and refuses to give her up to A A's remedy would be by replevining the cow. If she is out on free range I can see no reason why he should not simply go and take her without any formal action about it.

Shall Railroads Kill Our Goose

Senator Arthur Capper in His Speech Delivered at Clearwater, Kan., on November 5, Defends His Position in Asking Lower Freights

THE Railway Age, the largest railroad publication in the United States, recently sent a copy of one of its editorials criticising me severely, to every daily newspaper in the country.

It thinks I am wrong because I insist that the present higher-than-war freight rates should be lowered. Still, I appear to be in very good company on that general proposition. I have Secretary Wallace with me, besides a number of trained specialists who have given the subject much study, and all the farm organizations and most of the business organizations of the country.

As to the present car shortage, that is no new disease. We always have a car shortage with us at this time of year. For years it has been the chronic after-harvest condition of the roads. For the most part it is due to the greedy, short-sighted railroad policy of the past, which has not yet been overcome and cannot be remedied in a minute. This year the car shortage has been rendered far more acute by the congestion due to belated coal shipments, to the shopmen's strike, to the titanic struggle of the American business giant once more to rise to its feet and to the slow return of empty cars by the freight-swamped Eastern roads.

In effect the Railway Age says that I and others wish to ruin the railroads by reducing their rates.

It seems very evident that we do not, and that the farmers and American people do not. Personally my private business could not exist without the railroads. I am the last man to wish to injure them. But I see, as they do not seem to see, that we can have no economic balance; no actual readjustment, no true settling of business conditions, while freight rates remain at the present peak, and while farmers, who must pay freight both ways, continue to produce at a loss. In other words, I contend that excessive and prohibitive freight rates will in the end more certainly prove disastrous to the railroads than certain immediate and safe reductions in rates which should be made, unless we are to change the whole industrial map of the United States besides bringing ruin to many persons. My opinion is, not that the railroads cannot afford to make a reduction in rates, but that they cannot afford not to make reductions.

In the meantime, thousands of our farmers are being ruined by having to sell their products, virtually at pre-war prices, then having to pay freight charges 50 to 80 per cent higher than pre-war rates. Millions of dollars' worth of farm or orchard crops have rotted and are rotting because it costs the growers as much or more than these products are worth to get them to market.

As to the people and the railroads, they have been very kind to the roads. For more than two years they have given the railroads a bonus of at

least a billion dollars a year in increased freight rates, and still are giving them this bonus. They have done this at a time when for months, both the farmer and general business were not making expenses, to say nothing of making profits.

The opinion held by the Railway Age, is not shared by the stock market, nor the "ticker" news. The discussion in regard to lower rail rates has been going on for more than a year, and some reductions have been made; yet in Wall Street railroad stocks have risen 53 per cent within 12 months. If you wish to own any Union Pacific stock, you must pay a premium of \$50 a share to get it. To own a share of Santa Fe stock will cost you \$106, and it's cheap at that, because the Santa Fe is, I believe, the best managed railway in the United States. Shares in many other railroad stocks stand well up in the 90's, and all will be selling at higher prices before many moons.

It is now proposed to create the biggest railroad in the world by combining the Great Northern, the Burlington, the Northern Pacific and the Colorado and Southern Railroad. The capital of this new giant will be 2½ billions. Fifty thousand miles of trackage will be included in the deal.

For more than a year now, the roads have been doing more than a paying business, and this in the face of two great strikes. This autumn they are doing the greatest business in their history at an increase of 78½ per cent a ton-mile for freight, and of nearly 66 per cent a mile for passengers.

During the week ending October 21, the latest reported, the railroads loaded more than a million cars of freight—1,003,759 carloads to be exact. This is only 1½ per cent less than the greatest week's business ever done by American railroads, it is only 1½ per cent less business than they did in the autumn of 1920, which shattered all records. Their shipments of grain products are 21 per cent greater than in 1920, and of livestock 15 per cent greater. This is a record that speaks for itself.

Railroad officials estimate that for the last five months of this year the Class 1 roads will earn net operating incomes of 480 million dollars. This will make a total of 900 millions for the year compared with earnings of 615 millions for 1921. Nine hundred millions net income equals 5 per cent on 18 billion dollars, approximately the property value of the roads, and that doesn't take into account other income amounting to a considerable item in figuring dividend prospects.

Despite the strikes the railroads make a better financial showing for the first eight months of 1922 than in the corresponding months of 1921, says the Interstate Commerce Commission. That's very gratifying. Their business for the rest of the year will be "velvet" largely. What more excellent time to give several million farmers who raise

big crops but who can't pay their taxes, a substantial easement on the higher-than-war rail rates? It would benefit everybody, it would be scattering bread upon the waters.

What I hold is, not that the railroads cannot afford to make a reduction in rates, but that they cannot afford not to do so.

For more than a year I have had a bill before the Interstate Commerce Committee of Congress which would repeal Section 15-A, the so-called guaranty clause of the Transportation act. This bill would be a step toward terminating the excessive charges, would give state railroad commissions more advisory power and control over state rates, and would make it unnecessary for a Western shipper to travel clear to Washington and back to have a grievance adjusted.

Hearings were held on this bill for two months, the powerful lobby maintained by the railroads bringing all possible pressure meanwhile to prevent action on it. Representatives of all the farm organizations attended the hearings in behalf of the bill, also members of railroad commissions from more than a score of states. The bill had the backing of all the farm organizations as well as of most of the business organizations of the country, but we were unable to get a favorable report on it from the committee of which Senator Cummins is chairman.

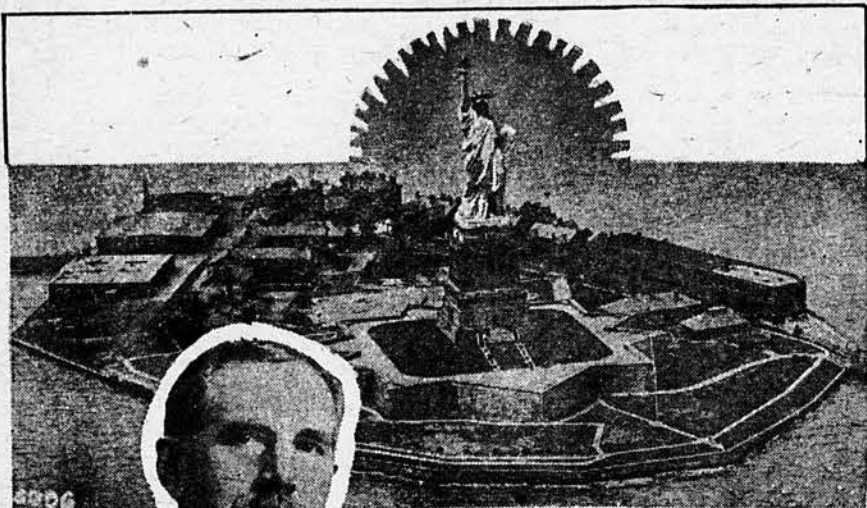
Secretary Wallace and other leaders advocate the repeal of this objectionable rate-making clause and are supported in it by nearly all students of railway matters not directly connected with the roads. The farm bloc will push the passage of this or a similar measure at the forthcoming December session of Congress.

There is no disposition on the part of myself or the farm bloc to be unfair to the roads. We wish them to have a fair return on their investment. But we feel the time has come when there must be a decided limit on rates.

Samuel Rea, president of the great Pennsylvania system, sees the light and makes this frank admission: "There is a growing recognition of the truth that railroad rate-making is largely a commercial matter, and, in order to be conducted on a sound basis must admit of some degree of initiative and negotiation. Consequently," he adds, "I rather anticipate some changes in this direction during the next few years."

Mr. Rea takes no such pessimistic view as the Railway Age, altho he sees the great transportation problem of the future will be to provide road and terminal facilities for the proper handling of the immense volume of traffic which we have every reason to anticipate. One thing is certain, we cannot do this by making it impossible thru excessive charges for our farmers to freely market their crops.

News of the World in Pictures



The Statue of Liberty as Seen From an Airplane; It is Bartholdi's Bronze Greeting to Our New Americans and to Our Visitors From All Parts of the World



This is Charles F. Marvin, Chief of the Weather Bureau in the United States Department of Agriculture at Washington, D. C.

Miss Mabel Strickland, Winner of Championship Trophy in All Around Horsemanship at the Wyoming Rodeo, as She Recently Appeared in New York City



Loading Sugar Beets on the Farm of J. C. Gadd of Lamar, Colo.; While the Yields in the Arkansas Valley are Slightly Below Average the Sugar Content is Very High With Most of the Crop



Joie Ray, Star Runner of the Illinois Athletic Club and Winner of Several World Championships; Recently He Quit the Cinder Path to Take up the More Exciting Sport of Boxing in Which He Hopes to Achieve Fame



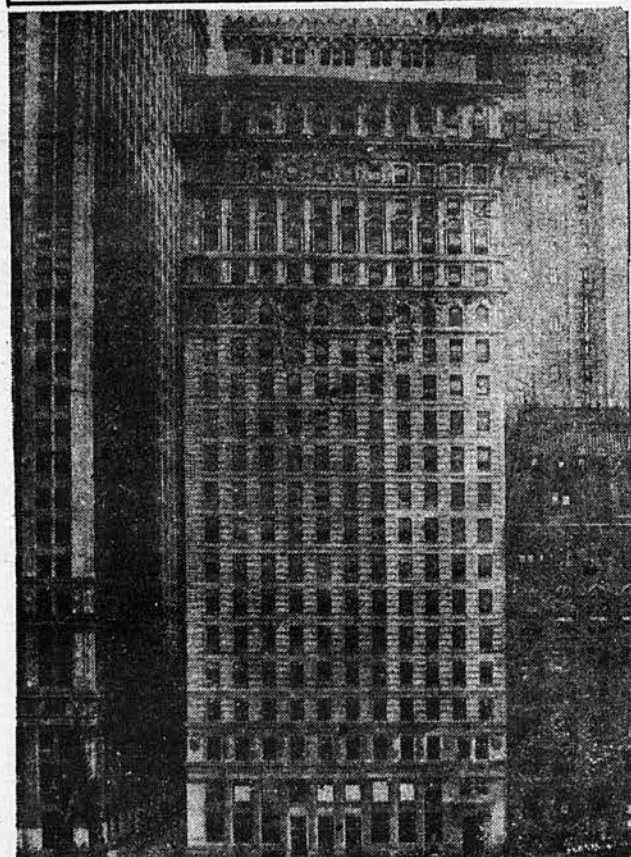
Former Big League Stars Start Baseball College to Train Promising Amateurs for Professional Baseball at Burbank, Calif.; Miss Edith Roberts Christens Site in a Very Appropriate Way



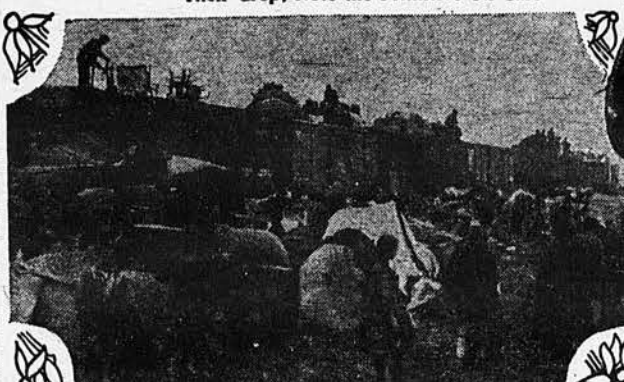
Women in Switzerland Returning From One of the Fertile Mountain Valleys Where They Have Gathered Their Crop; Note the Primitive Ox Cart



Dr. J. Eads How, Millionaire Hobo of St. Louis; He is Founder of the International Welfare Association of Hoboes and of the Hobo Union; Recently He Was Ousted From These Organizations Because of His Great Wealth



This is 100 Broadway of Which You Have Heard So Much; It is the Home Office of the American Surety Company and Was New York's First Skyscraper



Greek Refugees Fleeing From East Thrace; Many Families Stacked Their Household Belongings on Top of Box Cars in Their Wild Flight Before the Advancing Turks



In the Yale Bowl Just Before the Great Game Between Yale and the Army Teams, the West Pointers, the Best Drilled Troops in the World, Thrilled the 76,000 Spectators With an Exhibition Drill of Unusual Interest; the Ensuing Gridiron Struggle Ended in a Tie and With a Score of 7 to 7; Both Sides Displayed Skill of a High Order



George Eastman, President of the Eastman Kodak Company of Rochester, N. Y.; Recently He Donated 5 Million Dollars for Music and Art in Rochester

Sparing the Ax Paid Rose

Instead of Chopping Down Ragged Orchard in 1920 Farmer Followed Good Advice, and His Apple Trees Have Earned \$24,000 For Him

By Ray Yarnell

WHEN Albert A. Rose grew tired of raising alfalfa, corn and hogs on Kaw Valley bottom land, sold out and bought a hill farm on which most of the terrain sloped at acute angles, he did not realize that he would have to dispense with most of the farming knowledge he possessed and learn a complete set of new tricks.

Rose was 40 years old. The new farm afforded better schooling opportunities for his children, and he desired to give them an education. The fact that the land he bought, 160 acres, consisted mostly of slopes, crests and hollows, did not concern him much because he concluded that he could farm enough of it to keep him busy and he would not need outside help.

Returns Big Income

Little more than 20 acres have produced field crops since Rose moved on the farm. Yet in the three years the income has totaled considerably in excess of \$24,000, he says.

About 35 years ago the owner of the land set out fruit trees, mostly apple trees, on 40 acres. The orchard was scattered about where soil and drainage conditions were good. Most of the trees stand on north slopes along the southern curve of a natural amphitheatre amidst the hills.

Rose knew nothing of apple culture. His first reaction was to cut down the trees, because they had been neglected for many years and had suffered. Several neighbors advised him to use the ax, but they were not orchardists, so Rose sought expert advice.

A neighbor, J. P. Farrabee, who had made a success growing apples, told him to spare the trees, use the prun-

ing knife, spray for protection against insects and disease and study orcharding. Farrabee did more than give advice. He showed Rose how to carry out his suggestions, demonstrated the art of pruning and let Rose use his spraying outfit.

Scattered about on 40 acres there were 1,100 bearing fruit trees. Rose made no attempt to cut out all the dead wood that had accumulated but he did remove a large amount. He put on four sprays in 1920, following instructions given by Mr. Farrabee

and the Kansas State Agricultural College, and he kept the grass between the trees mowed.

He enrolled in a correspondence course in orcharding and fruit growing given by the Kansas State Agricultural College and he asked the college experts and the county agent of Jefferson county to put on demonstrations at his farm.

The 1920 crop, thanks to the care he had given the trees and the efficiency of the spray in controlling insects and disease, was a good one.

More than 7,000 bushels of apples were harvested, in addition to pears and peaches. Prices that year were good. \$1.50 to \$2.50 a bushel and the income for the year totaled around \$13,000. The farm cost him less than a third of that amount.

The rejuvenation of the orchard was continued the next year. The trees were again pruned, much additional dead wood being removed. Precautions were taken against disease and insects.

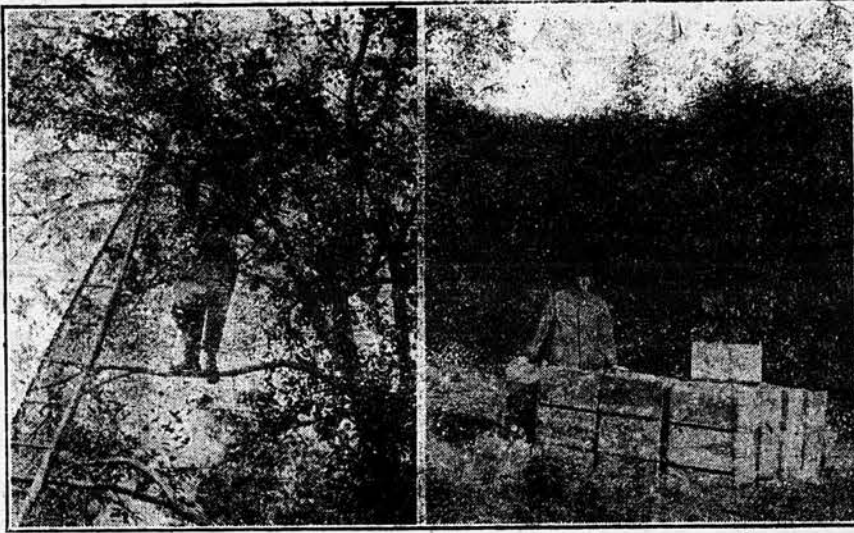
Sets Out 900 Trees

During the year land was prepared and 900 young apple trees were set out. Mr. Rose also made several visits to the Kansas State Agricultural College at Manhattan, spending considerable time in the horticultural department, accumulating information in regard to apple culture and marketing. It was time well invested.

In handling his trees Rose follows the recommendations of the college authorities closely. He uses the spray formulas suggested and applies the sprays according to the schedule issued for his locality. His method of pruning also was recommended by the college.

This year his crop, including firsts and culls, was approximately 14,000 bushels. He estimates that the average price obtained was 75 cents a bushel so his income will be about \$11,500. The trees were heavily laden and thanks to the care in spraying were relatively free from blemishes.

Rose now owns a 250 gallon power spray outfit. This year he invested in a cider mill. His 1920 culls and windfalls were hauled to Mr. Farrabee's farm. (Continued on Page 12)



Harvesting Scenes in the Albert A. Rose Orchard in Jefferson County Which Produced Approximately 14,000 Bushels of Apples This Year

\$455 and 3 Gilts From a Sow

Pratt County Boy Gets 600 Per Cent Return on an Investment of \$102 in a Year and is Thoroly Sold on the Purebred Hog Business

By John R. Lenray

OUT of an investment of \$102.50 Dean Bailey, son of S. J. Bailey, farmer near Pratt, in one year received a gross cash income of \$455, three purebred Duroc Jersey gilts worth \$200 and the original outlay was left intact. He made close to 600 per cent gross on the investment which is considerably better than even the high earning Standard Oil stock. Dean bought a registered Duroc Jersey sow at a sale in February 1921, paying \$102.50. It looked like a lot of money to invest but Dean was familiar with purebred hogs, being a student in vocational agriculture in the Pratt High School, so he didn't worry. The sow farrowed 11 pigs March 4, and all were saved. At weaning time one was sold for \$25. At the fall sale a boar brought \$51 and three gilts sold for \$200. Dean's father paid him \$65 for three culls which were butchered. At swine shows young Bailey's hogs won \$114 in prizes. His total cash income was \$455. He retained three of the best gilts and the old sow.

His Spring Pig Crop

When 6 months old the pigs weighed an average of 204 pounds.

This spring the old sow and three gilts farrowed 38 pigs, 31 of which were saved and are now thrifty youngsters. Dean is counting on cleaning up this year on his pigs. He will retain seven or eight brood sows and expects to maintain this number every year. His father has encouraged him to go into the business rather extensively.

Pasture facilities have been worked out to cover as long a period as possible. Dean has three 2 acre fields, fenced hog tight. In one he has Sweet clover, Sudan grass in another and alfalfa in the third. The Sweet clover is used for early pasture. Sudan is planted to come on about the time the clover plays out and the hogs

are turned on the alfalfa last. At another part of the farm is a 40 acre field of Sudan which also is pastured. The hogs are turned on wheat late in the fall.

The hog end of the Bailey farm business belongs to Dean exclusively. He buys grain from his father. In other farm operations the boy is a sort of limited partner. He will receive a larger interest as he gets older and devotes more time to farm work. During most of the year he attends school.

In 1921 Dean proposed to his father that they feed out 20 calves. He offered to take care of them, study and test their ration and do all other work in connection in order to get the experience. In this he was assisted by the vocational agricultural teacher in the Pratt County High School, Edgar Martin.

The calves were weighed in at an average of 487 pounds. They were fed six months and finished at 818 pounds apiece, a gain of 1.8 pounds a day. They were fed ensilage, alfalfa hay, whole corn to start, then ground corn, and some cottonseed meal.

Dean is only 17 years old but he is a rustler and is very much interested in his work. During the winter at odd times he built a hog house, 10 by 28 feet in size, which will accommodate four sows at farrowing time. He made the construction of this house one of his school projects and received credit for it.

He plans to build an addition to it so soon as possible to take care of the additional gilts he intends to keep, probably doubling the size.

Young Bailey also is interested in dairy cows. His father has three Holstein grades and plans to buy from two to five more this fall as his son

is interested in developing this end of the business. Aside from that Bailey has found that milk cows are profitable.

Bailey grows from 240 to 300 acres of wheat, much of it on rented land. He plants 25 or 30 acres of kafir to fill two pit silos and he has 25 acres of alfalfa for hay.

In preparing soil for wheat Bailey lists as soon after harvest as possible, going fairly deep. After the ridges are busted out the ground is harrowed twice before drilling. In seasons when it is too dry to plow Bailey disks the field forming a good mulch. Even a light rain, then, will moisten the ground so it can be plowed or listed. Disking also keeps down the weeds and prevents the loss of any moisture that is in the soil.

In 1918, Bailey, who had been farming in Pratt county for 38 years, decided it was time that Mrs. Bailey and himself enjoyed some of the modern conveniences that could be obtained only in the towns and cities when they started out.

An electric plant paved the way for other improvements. A power washing machine for Mrs. Bailey eliminated the drudgery from one of her most difficult tasks. Wash day has no horrors on this farm any more. The home, milk house, basement and other buildings are all lighted with electricity. An electric motor saves Mrs. Bailey another hard job by operating the power churn.

The water system on this farm is unusually complete. Running water is piped thruout the residence, basement and milk house, and also to the feed lots. The heart of the system is a 72 barrel tank located in the milk house. Water is forced into this by the windmill. House taps are so ar-

ranged that water direct from the well may be obtained when the mill is pumping, otherwise it comes from the storage tank.

The pump forces water thru two pipes, one leading to the milk cooler and the other directly to the storage tank. There is no danger of the storage tank overflowing. Mr. Bailey put in a pipe near the top so overflow is carried to the stock tanks automatically. The drain from the milk cooler also runs to the stock tanks so no water is wasted.

The first stock tank is located near the barn. Water from this is carried in a pipe to the second stock tank at the other side of the feed lot. Where it passes the silos a hydrant was hooked on so water would be available under pressure at silo filling time.

Water Flow Controlled by Valves

Flow of water is controlled in the tanks by cut-off valves operated by iron keys. The tanks are of concrete.

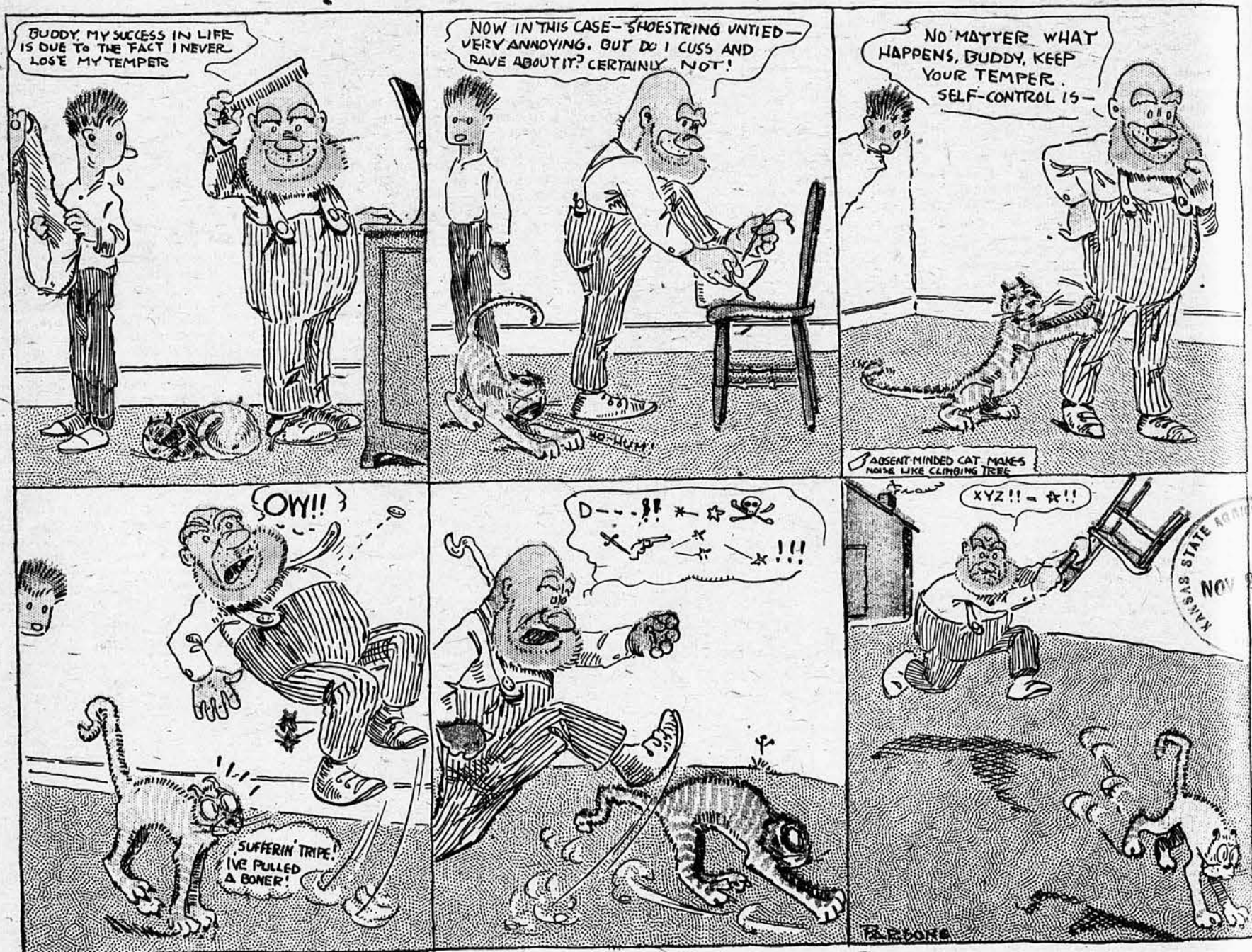
Around the pump Mr. Bailey poured a sunken cement base. This is covered with boards in the winter to prevent freezing. Bailey left a shoulder on the sides so he could put in two thicknesses of boards but has never had to do so.

Trees around the windmill grew so tall recently that they cut off wind from the mill. Rather than buy a new tower Bailey bought a new bottom section, hoisted his mill up in the air, and bolted on the section. He now gets plenty of wind for power.

"Since we made these improvements four years ago," said Mr. Bailey, farm life has been a whole lot more attractive. The electric plant has eliminated a lot of hard work for Mrs. Bailey. I wouldn't be without my water system. It is invaluable in caring for stock. I believe it will pay any farmer to have modern conveniences. They are good investments."

The Adventures of the Hoovers

Cousin Harry Horseradish Gives Buddy a Curtain Lecture on the Noble Art of Self-Contral and Also an Impressive Demonstration



The Wreckers—By Francis Lynde

ANYWAY, a lead had been taken from a power wire at the corner of the street and hooked over the outer doorknob. And inside I had been given a sheet of copper to stand on for a good "ground," the copper itself being wired to a water pipe running thru the hall. Tarbell had afterward proved up on all this, it seemed, finding the insulated wire and the copper sheet with its connections hidden in a small rubbish closet under the hall stair, just where a fellow in a hurry might chuck them.

"Tarbell is a striking success," Mr. Norcross put in, along at the end of things. "We'll keep him on with us, Ripley."

"You'd better," said the level-eyed young attorney, significantly. "From the way things are stacking up, you'll presently need a personal body-guard. I suppose it's no use asking you to carry a gun?"

"Hardly," laughed the boss. "I've never done it yet, and it's pretty late to begin."

There was a little more talk about the C. S. & W. deal, and about what the Hatch crowd would be likely to try next; and when it was finished, and Ripley was reaching for his hat, the boss said: "There is no change in the orders: we've got 'em going now, and we'll keep 'em going. Drive it, Ripley; drive it for every ounce there is in you. Never mind the election talk or the stock quotations. This railroad is going to be honest, if it never earns another net dollar. We'll win!"

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

(Copyright, Charles Scribner's Sons)

"It's beginning to look a little that way," the lawyer admitted. "Just the same, Norcross, there is safety in numbers, and our numbers are precisely one; one man"—holding up a single finger. "As before, the pyramid is standing on its head—and you are the head. The other people have shown us once what happens when you are removed. For God's sake, be careful!"

I don't know whether the boss took that last bit of advice to heart or not. If he didn't, he was a bigger man than even I had been taking him for—with the crooks of a whole state reaching out for him, and with the knowledge which he must have had, that the next time they came gunning for him they'd shoot to kill.

It was late in the afternoon when Ripley made his visit, and pretty soon after he went away the boss and I closed up our end of the shop and left May pecking away at his typewriter on a lot of routine stuff. I don't know what made me do it, but as I was passing Fred's desk on the way out, stringing along behind the boss, I stopped and jerked open one of the drawers. I knew beforehand what was in the drawer, and pointed to it—a new .38

automatic. Fred nodded, and I slipped the gun into my left-hand pocket, wondering as I did it if I could make out to hit the broad side of a barn, shooting with that hand, if I had to.

A half-minute later I had caught up with Mr. Norcross, and together we left the building and went up to the Bullard for dinner.

Kestler Hung Around

I knew, just as well as could be—without being able to prove it—that we were shadowed on the trip from the railroad building to the hotel, and it made me nervous. There could be only one reason now for any such dogging of the boss. The grafters were not trying to find out what he was doing; they didn't need to, because he was advertising his doings—or June-man was—in the newspapers. What they were trying to do was to catch him off his guard and do him up—this time to stay done up.

It was safe to assume that they wouldn't fumble a second time. Mr. Ripley had stood the thing fairly on its feet when he said that our campaign was purely a one-man proposition. People who had met the boss

liked him; but the old-time prejudice against the railroad was so widespread and bitter that it couldn't be overcome all at once. June-man, our publicity man, was doing his best, but as yet we had no party following in the state which would see that we got justice.

I was chewing these things over while we sat at dinner in the Bullard cafe, and I guess Mr. Norcross was, too, for he didn't say much. It isn't altogether comfortable to be a marked man in a more or less unfriendly country, and I shouldn't wonder if the boss, big and masterful as he was, felt the pressure of it. I don't know whether he knew anything about the shadowing business, but he might have. We hadn't more than given our dinner order when one of Hatch's clerks, a cock-eyed chap named Kestler, came in and took a table just far enough from ours to be out of the way, and near enough to listen if we said anything.

When we finished, Kestler was just getting his service of ice cream; but I noticed that he left it untouched and got up and followed us to the lobby. It made me wish to turn and knock his crooked eye out, but that wouldn't have done any good.

After Mr. Norcross had bought some cigars at the stand he said he guessed he'd run out to Major Kendrick's for a little while; and with that he went up to his rooms. Tho the major was the one he named, I knew he meant that he was going to see Mrs. Sheila. I remembered what he had said to

Ripley about a woman's giving him germ ideas and such things. Every time he spent an evening at the major's he'd come back with a lot of new notions for popularizing the Short Line. When he said that, about going to the major's, Kestler was near enough to overhear it, and so he waited, lounging in the lobby and pretending to read a paper. About half-past seven the boss came down and asked me to call a taxi. I did it; and Kestler loafed around just long enough to see him start off. Then he lit out, himself, and something in the way he did it made me take out after him.

In the Coal Yards

I expected to see him turn up-town to the second cross street where the Red Tower had its general offices on the fourth floor of the Empire Building. But instead, he turned the other way, and the first thing I knew I was trailing him thru the railroad yard and on down past the freight house toward the big, fenced-in, Red Tower coal yards.

At the coal yard he let himself in thru a wicket in the wagon gates, and locked the wicket after he got inside. I put my eye to a crack in the high stockade fence and saw that the little shack office that was used for a scale-house was lighted. My burnt hand was healing tolerably well by this time and I could use it a little. There was a slack pile just outside the big gate, and by climbing to the top of it I got over the fence and crept up to the scale-house.

A small window in one end of the shack, opened about two inches at the bottom, answered well enough for a peep-hole. Three men were in the little box of a place—three besides Kestler; Hatch, his barrel-bodied partner, Henckel, and one other. The third man looked like a glorified barkeep. He was of the type I have heard called "black Irish," fat, sleek, and well fed, with little pin-point black eyes half buried in the flesh of his round face, and the padded jaw and double chin shaved to the blue. The night was warm and he had his hat off. Thru the crack in the window I could smell the pomatum with which his hair was plastered into barkeep waves to match the tightly curled black mustaches.

I knew this third man well enough, by sight; everybody in Portal City knew him—decent people only too well when it came to an election tussle. He was the redoubtable Pete Clanahan, dive-keeper, and political boss.

Kestler was talking when I glued eye and ear to the window crack; was telling the three how he had shadowed Mr. Norcross from the railroad headquarters to the Bullard, and how he stayed around until he had seen the boss take a taxi for Major Kendrick's. This seemed to be all that was wanted of him, for when he was thru, Hatch told him he might go home. After the cock-eyed clerk was gone, Hatch lighted a fresh cigar and put it squarely up to the Irishman.

"It's no use being mealy-mouthed over this thing, Pete," he grated in that saw-mill voice of his. "We've got to get rid of this man. You've asked us to shadow him and keep you posted, and we have—and you've done nothing. Every day's delay gives him that much better hold. We can choke him off by littles in the business game, of course; we have Dunton and the New

Yorkers on our side, and this co-operative scheme he has launched can be broken down with money. Such things never hold together very long. But that doesn't help you political people out; and your stake in the game is even bigger than ours."

Clanahan looked around the little dog-kennel of a place suspiciously.

"Tis not here that we can talk much about thim things, Misther Hatch," he said cautiously.

"Safer Than a Back Room"

"Why not?" was the rasping question. "There's nobody in the yard, and the gates are locked. It's a damned sight safer than a back room in one of your dives—as we know now to our cost."

Clanahan threw up his head with a gesture that said much. "Murphy's the man that leaked on that engine job—and he'll leak no more."

"Well," said Hatch, with growing irritation, "what are you holding back for now? We stood to win on the first play, and we would have won if your people hadn't balled it by talking too much. One more day and Dismuke would have been in the saddle. That would have settled it."

"Yah; and Mister Dismuke still here in Portal City remains," put in Henckel.

The dive-keeper locked his pudgy fingers across a cocked knee.

"Tis foine, brave gintlemen ye are, you two, whin ye've got somebody else to pull th' nuts out av th' fire for ye!" he said. "Ye'd have us croak this felly f'r ye, and thin ye'd stand back and wash yer hands while some poor divil went to th' rope f'r it. Where do we come in, is what I'd like to know?"

"You are already in," snapped Hatch. "You know what the Big Fellow at the capital thinks about it, and where you'll stand in the coming election if you don't put out this fire that Norcross is kindling. You're yellow, Clanahan. That's all that is the matter with you. Put your wits to work. There are more ways of killing a cat than by choking it to death with butter."

"Tell me wan' thing!" insisted the dive-keeper, boring the chief grafter with his pin-point eyes. "Do you stand f'r it if we do this thing up right?"

Hatch's eyes fell, and Henckel's big body twisted uneasily in the chair that was groaning under his beer-barrel weight. There was silence for a little space, and I could feel the cold sweat starting out all over me. I hadn't dreamed of stumbling upon anything like this when I started out to shadow Kestler. They were actually plotting to murder the boss!

It was Hatch who broke the stillness.

"It's up to you, Clanahan, and you know it," he declared. "You've had your tip from the Big Fellow. The railroad people must be made to get into the fight in the coming election, and get in on the right side. If they don't; and if Norcross stays and keeps his fire burning; you fellows lose out. So shall we; but what we lose will be a mere drop in the bucket; and, as I have said, we stand to get it back, after this co-operative scheme has had time to burn itself out."

Clanahan sat back in his chair and shoved his hands into his pockets.

(Continued on Page 16)



Rope that "stands up" under greatest strain

H. & A. "Blue Heart" Manila Rope, stronger than the Government Standard, stays by you in a pinch

In the ditch—and mired!

But neighbor Brown's teams will have you out again in a jiffy—if the rope doesn't break.

No time to fool with inferior rope on occasions like this. Only the strongest rope made will "stand up" under the heavy strain of such pulling.

H. & A. "Blue Heart" Manila Rope, spun from the toughest rope fibre grown, is the strongest rope made. It is guaranteed to exceed the strength of the U. S. Government Standard. (See Guarantee below.)

And yet H. & A. "Blue Heart" Manila costs no more than many inferior ropes.

Be sure you get this safe, extra-strength rope when you buy. You can tell the genuine, guaranteed H. & A. "Blue Heart" Manila Rope by grasping it in your hands and untwisting the strands. Running through the center of every foot of H. & A. "Blue Heart" Manila Rope is a small blue thread—the "Blue Heart"—our trade mark. Before you buy rope, untwist the strands. If the blue thread is there you will have in your hands a genuine guaranteed H. & A. "Blue Heart" Manila Rope—the strongest rope made.

GUARANTEE!

H. & A. "Blue Heart" Manila Rope is guaranteed to equal the yardage and exceed the breaking strength and fibre requirements of the U. S. Government Bureau of Standards. Any H. & A. "Blue Heart" Manila Rope found to be not as represented will be replaced.

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"Spinners of Fine Cordage Since 1869"

H. & A. Star Brand Binder Twine

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

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H&A "Blue Heart" Manila Rope

Camera Bugs!!

Films developed 5c, prints 3c each. Postcards 5c. Special 8x10 enlargement hand colored, only 95c. Quality work guaranteed.

Bullock's Sporting Goods, York, Nebraska

There is nothing like passing a good thing along, so as soon as you have read Kansas Farmer and Mail and Breeze, pass it along to your neighbor.

A Business Basis for the Farm

THE first step to take in putting a farm on a good business basis is to take an annual inventory and from this to make out a credit statement for the banker. The farm inventory is the simplest financial record a farmer can keep. It tells him how much he is worth above his debts, and a comparison of two successive annual inventories will indicate whether one has got ahead or has run behind for the year, and how much. All this can be learned by the use of less than a half day's labor once a year.

Any man who is borrowing money should make out a credit statement for the bank at least once a year. The banker is entitled to the information which a credit statement will give him. The farmer is entitled to the additional credit which such a statement will usually obtain for him.

Any man who is buying feed, fertilizer, or other supplies on credit, can generally save money by borrowing money from a bank and saving the discounts that are usually given for cash.

The best credit statement for a farmer is a copy of his summarized inventory with some additional information, such as the amount of insurance carried and similar facts. Suggestions on making such an inventory and directions for keeping farm records and farm accounts can be obtained from the Kansas State Agricultural College at Manhattan, Kan., free of charge upon request.

Potato Show Trebles Size

Spud Growers Have Big Meeting in Topeka

BY RAY YARNELL

AT THE second annual Kansas Potato show, held in Topeka three days of last week, Kansas growers demonstrated their ability to produce tubers that will compare with the best grown in any part of the country. The show was three times larger than that held at Kansas City, Kan., a year ago. Twelve long tables were loaded with Kansas entries. One table held a display of seed stock from South Dakota and another varieties from all parts of the country.

The show was held in the Topeka Municipal Auditorium, beginning Wednesday morning. Aside from the exhibits of Kansas potatoes, both Irish and sweet potatoes, chief interest centered in the collection of varieties. This was gathered by E. A. Stokdyk, extension plant pathologist of the Kansas State Agricultural College. Potatoes were obtained from eight states and Canada and 36 varieties were on exhibition. The states represented were Kansas, Maine, Wisconsin, Colorado, Utah, Minnesota, North Dakota, South Dakota and Canada.

The exhibits were judged Thursday, the awards being made by Prof. J. W. Brann of the University of Wisconsin. Professor Brann also addressed the meeting, speaking on seed inspection in his state where an effort is being made to improve the quality of seed shipped to growers in other sections.

Sixty-five exhibitors had entries in the potato show and 160 groups of potatoes grown in Kansas were on display. One exhibitor was present from Oklahoma. Eight counties, including Ford in the southwestern part of the state, were represented. Attendance was good thruout the

show, more than 80 growers turning out for the opening session Wednesday. The feature of the show was the growth of interest in the Kansas Potato Growers' Association which has as its object the promotion of the industry in the state and especially improvement in marketing.

To this end expert growers and potato specialists from many sections were brought to Topeka to tell Kansas growers of conditions elsewhere and to point out ways in which quality and production might be bettered and what means might be employed for the more successful marketing of the crop.

Among the speakers was L. D. Sweet of Colorado, one of the most successful potato growers in the United States and who, during the war, was associated with Herbert Hoover in the Food Administration.

Mr. Sweet, who appeared at the initial session, sounded the keynote that was reiterated again and again at every meeting. It was that the grower not only must increase his yields but that he must breed more quality into his product.

The way to accomplish those results,

it was frequently pointed out, is to more carefully select the seed planted and to purchase from seed growers who are breeding up seed and specializing in its production. Growers were advised that they well could afford to pay a premium to get such seed and that the producer should receive a premium because his acre yields of seed are smaller than the acre yields of market potatoes. Another suggestion was that growers plant seed pieces weighing at least 1½ ounces, preferably 2 ounces, in order to get stronger plants and better stands, that they treat seed, rotate crops and fertilize.

The use of immature potatoes about the size of hen eggs, without cutting, for seed was urged by Mr. Sweet who follows this practice on his 1,000 acre farm in Colorado.

A feature of the program was a description of potato production in the Arkansas River Valley in Ford county by J. M. Hulpieu, president of the Dodge City Potato and Truck Growers' Association. Potatoes were very successfully grown there this year under irrigation and high yields were obtained. Mr. Hulpieu described the methods used.

One of the interesting discussions was developed by Jess Haney, commission merchant of Topeka, who spent more than 30 days in the Red River district of Minnesota this fall buying seed stock for Kaw Valley growers. He told of the difficulties of finding the right kind of seed but the most striking part of his talk dealt with the serious situation that developed there this year on account of the car shortage and other unfavorable conditions.

Car Shortage Stops Marketing

Mr. Haney declared that many growers probably would lose all of their crop because they were unable to get cars and had no safe storage facilities to protect their potatoes from frost. He declared that some potatoes had been sold as low as 10 cents a bushel, others at 20 cents and some as high as 40 cents. In many instances the price the grower got, if he sold at all, was below the cost of harvesting and shipping.

It was brought out at the meeting that the car shortage and overproduction this year had caused serious losses to producers and both growers and rail officials attributed the serious transportation muddle to the strike of railroad shopmen.

It was stated at the meeting that 1922 potato production was 86 million bushels more than last year and that consumption was 35,000 carloads under that of 1921. No explanation of the falling off in consumption was advanced. Mr. Sweet insisted that consumption could be increased if growers would breed more starch in their potatoes thru using superior seed and supplying the plants with a maximum amount of fertility.

Disease and Insect Control

Much attention was devoted to a discussion of disease and insect control in the production of both Irish and Sweet potatoes in Kansas. Dr. L. E. Melchers, plant pathologist of the Kansas State Agricultural College, E. A. Stokdyk, extension plant pathologist, and Prof. George A. Dean, entomologist, told of the work done by the college in co-operation with county agents and potato growers along this line.

Show visitors were much interested in the machinery exhibits at the Auditorium where diggers, spray tanks, tillage tools and other machinery were displayed, along with various spray preparations.

An adjourned meeting of the association will be held at Lawrence January 2. At that time new officers are to be elected and the question of co-operative marketing will be discussed and acted on. There is considerable sentiment in favor of forming a co-operative marketing association to handle the potato crop of the state which consists chiefly of Kaw Valley production.

The third annual potato show will be held at Lawrence next year.

Self-Help Insufficient

Mr. Hardfax—"So your son left us to go into a bank in the city? How did he acquit himself?"

Mr. Timbertop—"He didn't acquit himself. It took the best lawyer in the county to get him acquitted."

The Harvester Company's Newest Tractor McCormick-Deering 15-30

Smooth-running, long-lived, economical! Years ahead of any tractor heretofore produced! Naturally it remained for the Harvester Company, with long time tractor and farm machine experience and great resources, to bring out the one great epoch-making farm power value. The McCormick-Deering 15-30 stands in a field of its own—the logical choice for the man who wants the best in modern-day farm power.

Ball and Roller Bearings at 29 Points

These dust-proof, quiet-running bearings relieve the McCormick-Deering 15-30 of all excess friction—at drawbar or belt work the power of the 4-cylinder, valve-in-head, kerosene motor is delivered without strain or drag.

In fact, every unit of the new McCormick-Deering 15-30 has been designed

for long life, economy, full power, and operating comfort.

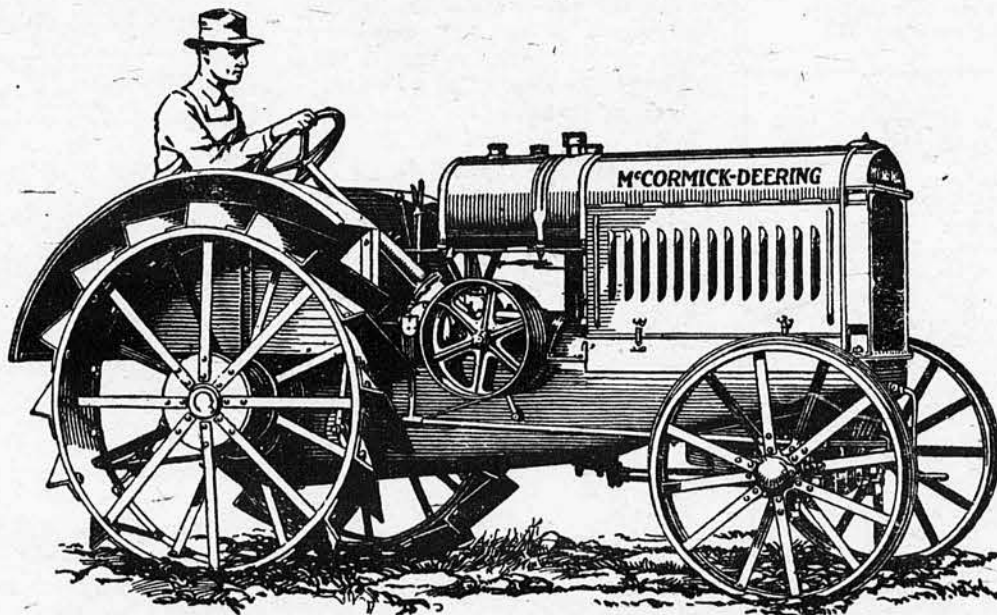
The McCormick-Deering 15-30, like all Harvester tractors, is an all-purpose farm power plant. It is equipped with belt pulley, large steel platform, wide fenders, throttle governor, adjustable drawbar, reliable brakes, and removable angle lugs.

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INTERNATIONAL HARVESTER COMPANY

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93 Branch Houses and 15,000 Dealers in the United States



Modern Farming in Kansas

BY HENRY K. APPERSON

THE sugar content of the beets used this year in the factory of the Garden City Sugar Company is unusually high, 16 per cent being very common. Yields, however, are below the average. About 4,000 acres were grown at Garden City this season, but the factory also will buy the beets from Dodge City, Larned and other Kansas points, and some from Colorado. The run will be over by Christmas.

Co-operation in Milk Distribution

With the growth of dairying in Kansas, it is evident that more and more of an effort will be made to develop a co-operative effort in retailing milk. It is likely to reduce costs. The experience of a large number of organizations of this kind is given in Department Bulletin No. 1095, Producers' Co-operative Milk-Distributing Plants, just published, which may be obtained free on application to the United States Department of Agriculture, Washington, D. C.

Losses From Heat-Damaged Wheat

There is an increasing loss in Kansas from heat-damaged wheat. The combine harvester doubtless is having something to do with this; 399 combine machines were sold this year from the Hutchinson branch of the International Harvester Company and 100 from the Wichita branch—the Hutchinson branch sold more than 500 machines last season. It thus is evident that the number of combines in Kansas is increasing at the rate of 500 to 800 a year. Unless this wheat is shipped as soon as it is threshed, and this is not possible in all cases, we evidently must make more of an effort to provide liberal farm storage space, so the grain will have a better opportunity to go thru the sweat in the bin without loss.

Farm Wages are Lower

Farm wages are declining; the average for Kansas is now \$34.41 a month with board and \$48.78 without board. Day wages with board are \$1.94; without board, \$2.50. The average for the United States is somewhat lower: the monthly wages with board are \$23.97; without board, \$41.58; daily with board, \$1.57; without board, \$2.08.

Wages for farm hands are showing more and more of a tendency to get in line with the prices for farm produce.

Storage Space for Grain

Kansas has 1,600 local elevators, with a storage capacity of about 29 million bushels. In addition much of the grain produced in this state goes to terminals in nearby cities; Kansas City, for example, has 41 private and public elevators with a storage capacity of 27,080,000 bushels. The storage space on farms in Kansas is very large, but it is not well distributed, and is not adequate in many cases.

Farm and Home, February 5 to 10

Farm and Home Week will be held at the Kansas State Agricultural College February 5 to 10. The program will be the best ever given. Are you going? A trip to Manhattan at that time with the family will be well worth while.

Better Pruning of Apple Trees

The excellent crop this year should do much to encourage better pruning of the apple trees in Kansas. Certainly we can never hope for the best yields unless adequate attention is paid to this. Probably the best work will be done, as usual, in the leading fruit sections, such as Doniphan county.

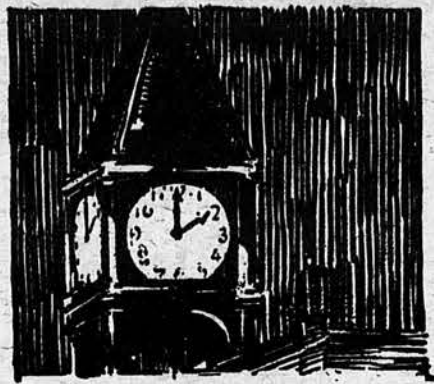
We Live Longer in Kansas

Kansas leads all states in the care of human lives. A child born in this state has an average expectancy of 60 years, five years more than the average for the rest of the United States. This is a mighty encouraging thing, and well indicates the value of the climate and the outdoor life which most Kansas people live, especially those of the farms. Much credit must be due to prohibition, and to the excellent work of Dr. S. J. Crumline and the other members of the State Board of Health. We believe that the health department of this paper, conducted for the last eight years by Dr. Charles Lerrigo, except for the time when he was in active service with the American Expeditionary Force in France, also has been helpful in the conservation of human life in Kansas. Much further progress is possible.

Can He Make a Touch Down?



The Farmer Hits the Line Hard, But He Must Have a Stronger Defense If He Is to Carry the Ball Successfully to the Goal He Seeks



Do you hear the clock strike the night hours?

HOW often you have heard people say, "I can't drink coffee; it keeps me awake nights!" They've learned from experience; have you?

If you are a coffee drinker and fail to get sound restful sleep, it means that your nerves are over-stimulated and that health needs protection from coffee's drug, caffeine.

There's no sacrifice in making health safe, as so many thousands have found who have turned from coffee to Postum. It has a delightful coffee-like flavor, and is free from any element that can harm you. As many cups as you like, and no regrets.

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

Postum FOR HEALTH

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How to Renew Your Light Plant



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If you operate any Farm Light and Power Plant, you want to know about our special Battery Exchange Offer. We take your old, spent batteries, make you a liberal allowance for them and renew your plant with the famous Universal, specially designed for your particular plant. These time-tested long lasting batteries deliver a constant dependable flow of current. They make your lights burn brilliantly and steadily—no flickering—and provide abundant reserve power for heavy duty. As standard equipment on many of the best Farm Light Plants, thousands of them are now giving uniform satisfaction everywhere.

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No matter what kind of Plant you have, this interesting book will show you just how to renew the system with Universal Batteries. The right size for every Farm Power and Light System made. It also lists Parts for all makes of batteries. "Care of Batteries" is another valuable treatise; will also be sent free with the new Universal Battery Guide. When you write, mention brand-name and age of your present batteries so that we can give you the correct allowance figure. Write today.

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Farm Clothing

Should be tough, comfortable and convenient. That's why workmen everywhere choose

FITZ OVERALLS

Out of 66 sizes, select your exact fit. Every pair made of heavy blue denim and guaranteed to give full satisfaction. Your dealer will supply you from stock or by special order (in 24 hours) from **BURNHAM-MUNGER-ROOT**, Kansas City, Missouri.

100% One Man Pulls 'Em Easy

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

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HERCULES MFG. CO.
CENTERVILLE, IOWA

Westclox



Pedigreed Clocks

THE name of a champion in the pedigree of an animal pretty nearly settles the question of its value.

In the same way certain trade marks on merchandise settle all doubt of its worth.

You'll find that the name Westclox on alarm clocks and watches indicates a championship strain which the timepieces themselves bear out both in appear-

ance and performance.

For a slight difference in price you'd choose the pure bred over the scrub every time. It will cost you very little if any more to own a Westclox with its record of faithful timekeeping and punctual calling.

The name Westclox is on the dial and six-sided, orange-bordered tag. Priced from \$1.50 to \$4.75.

WESTERN CLOCK CO., LA SALLE, ILLINOIS, U. S. A.
Factory: Peru, Illinois. In Canada: Western Clock Co., Limited, Peterborough, Ont.

Big Ben	Baby Ben	America	Sleep-Meter	Jack's Lantern	Pocket Ben	Gle-Ben
\$3.50	\$3.50	\$2.50	\$2.00	\$3.00	\$1.50	\$2.50

Howdy Folks



LITTLE things of life often are of the greatest importance. It is the common practice of man to ignore the incidental and to be impressed only by major occurrences or events. He pays attention only to the things that startle or jar him into interest.

We wonder if this isn't true of the subscriber and the farm paper he likes to read. Isn't it seldom that he will sit down and ask himself the question, Why do I like Kansas Farmer and Mail and Breeze? Isn't it likely that he never stops to think of how much value to him are the little things that a good farm paper contains in abundance?

Because we believe our subscribers would be interested in such an analysis of a paper they like to read every week in the year, we are going to point out in a brief way some of the little things that make Kansas Farmer and Mail and Breeze a paper that 100,000 Kansas farmers buy for their entertainment and instruction year in and year out. We are proud of the number of our subscribers and the fact that they stay with us for long periods. There is a great satisfaction in having their friendship and interest. We have a right to be proud.

Little things are what we wish to talk about this time—they might be termed the incidentals of farm paper making. These little things often are of great value and mean the difference between profit and loss to the farmer seeing and heeding them. Just one may mean the saving or making of hundreds of dollars, or the prevention of loss that easily might run to even a larger amount.

In a recent issue of Kansas Farmer and Mail and Breeze, the October 14 issue to be exact, there was a brief item under the heading "Begin to Feed the Cows Now." With pastures drying up and green feed scarce that item was very timely. It is easy for a farmer to be so busy with important work as to delay putting his cows on a better ration. That delay always is costly not only at the time but so long as the cow gives milk. The item works like the tickler on a business man's desk. It is a memory jogger that really assists in a valuable way.

The services of a lawyer are more or less costly even on routine cases. Every week Tom McNeal, who was educated as a lawyer and knows law well, answers many legal questions, nearly all of which touch on questions of interest to the average farmer and which may sooner or later pop up in his experience. They inform and instruct and sometime the information they contain will be of benefit and may save a fee.

Keeping soil fertile is vital to profitable operation. A recent item printed in Kansas Farmer and Mail and Breeze gave a program which, if followed, will materially aid in maintaining fertility. It was not a technical discussion but told of a practice that could be carried out with ease on any farm.

Bees need attention before winter comes so they may be housed comfortably and supplied with nutritious food. The honey crop of the following season depends on how bees go thru the cold season. An item on this subject was printed recently in Kansas Farmer and Mail and Breeze. The paper keeps on the lookout for all such things with the idea that by mentioning them in time farmers can take care of such tasks when it is most convenient. It is just another phase of the many-sided service the paper seeks to render to its readers.

How much do citizens of Kansas pay out annually in taxes? What is the money used for? What portion goes to the counties, what share to the state? Those are questions on which every citizen should be informed. So Kansas Farmer and Mail and Breeze presented the figures and facts relat-

ing to taxation in a short boxed article. That item ought to be kept for reference and it often will be found of value.

Kansas Farmer and Mail and Breeze constantly answers questions such as: How can the blue stains from bluing be removed? What is the correct length for sheets? How can a kerosene spot be removed from a rug? The answers may be worth their weight in gold to a housewife and often are.

One of the little things that after all is one of the biggest things in Kansas Farmer and Mail and Breeze, is the Health in the Family department, where a physician answers every week many questions in regard to health and hygiene. This department covers a wide range of subject matter, every bit of which is of value, especially to farmers who often are some distance from a physician and need to have available considerable medical information to be used in an emergency.

Those are only a few of the "little things" that Kansas Farmer and Mail and Breeze contains every week. There are many others, just as important, just as useful and just as essential to a well balanced paper. None makes a big splurge but it performs its task every week without fail. The little things always are on the job and willing to work. They don't strike.

We know our subscribers like Kansas Farmer and Mail and Breeze and we wonder whether part of that regard is not due to the services the "little things" have so often and so effectively rendered. We are sure it is.

Sparing the Ax Paid Rose

(Continued from Page 7)

for conversion into vinegar for the market.

Much of Mr. Rose's success is due to his methods of marketing. This also traces back to his neighbor orchardist, Mr. Farrabee. In 1920 buyers offered only \$1 a bushel for apples. Rose was advised not to contract with them. Instead Farrabee suggested that he advertise in local newspapers and establish a market on the Golden Belt highway about a mile and a half from his farm.

Rose contracted with a farmer living on the highway to sell his apples to persons passing along the road and to farmers—and townsfolk who would drive out. A large sign was erected. Buyers also were attracted to the farm. The 1920 crop was sold at an average price of \$1.75 a bushel, 75 cents a bushel more than the buyers had offered early in the season.

The program was varied this year because of the enormous crop. Three and one half carloads of specially packed boxed apples were sold to buyers from Lawrence, Kan., and also Oklahoma points. The remainder of the crop is being retailed to persons visiting the farm.

Advertisements were run in four newspapers, including one daily, and the response has been excellent. Several roadside signs were erected late in the season. Rose sells apples throughout the winter as he is well equipped to store them.

Stunt advertising also was used successfully. On the farm is a huge apple tree of the Minkler variety, seldom grown in this region. Rose held a guessing contest on the yield of this tree. To the person making the best guess the contents of the tree, guaranteed to be 20 bushels, were awarded. The privilege of making one guess was given to every person buying at least 1 bushel of first grade apples on the day of the contest which was Saturday, October 28.

Rose also exhibited at several fairs, winning eight first prizes and two seconds. This record helped in selling his crop. The apples are hauled to Perry, 4 miles, for shipment. A truck and teams are used. The apples are boxed at the farm.

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One copy of this complete Catalogue of Radio Outfits, parts, Dictionary of Radio Terms, Instruction Book, and Guide to Successful Radio Work—one copy is yours Free.

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It quotes the lowest prices, amazingly low prices on everything for the expert and the amateur. Every improved part, the most up-to-date outfits, everything that is needed of the most modern type—at the lowest possible prices.

It gives a list of broadcasting stations, and gives much information about radio construction and operation. Every one interested in Radio needs this complete catalogue and book of instruction.

Why Pay Higher Prices?

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WHEN WRITING TO ADVERTISERS MENTION THIS PAPER

Letters Fresh From the Field

THE Kansas Farmer and Mail and Breeze desires to have all of its readers make free use of this page to discuss any matter of general interest to farmers. Letters concerning work in dairying, raising and marketing poultry, feeding cattle and hogs, improvement of rural schools, the need of tax reforms, and other similar subjects are desired. Address all communications intended for this purpose to John W. Wilkinson, Farm Letter Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

Keep the Horse Comfortable

Often horses are pushed to the limit in fall plowing and in spring work, but a little attention to small matters will make the task much easier.

First of all see that the collar fits perfectly. Too many times when extra horses are needed for the field, some old collars are hunted up and put into service regardless of fit, and some poor horse is compelled to work with the ill-fitting collar until the shoulders and top of its neck are blistered. These suffering animals are sometimes compelled to labor in this condition for weeks. When first starting to work in the morning, there is a twisting of the head first to one side, then the other, but a few cuts from the master's whip brings them down to a hard pull, and they make up their minds to endure the pain. A little care in getting a collar that fits might have avoided it all.

First, have collars that fit, then occasionally stop and tighten the hame strap, should they be the least bit loose, and pull the collar away from the shoulder permitting it to cool. Rub the shoulder with the hand to remove any dirt that might collect there.

Bathing the shoulders and neck in a solution of alum and water will toughen the skin.

J. T. Spriggs.

Little River, Kan.

Favors High Tariff

I have always been an advocate of a rather high tariff, and have seen the advantages of that policy and the calamities of low tariff laws.

Almost all laws are compromises, and no man gets just what he wishes when he introduces a bill, but must cut a little here and add a little there, giving way to the judgment or prejudices of others in many things.

I do not favor a commission to make a scientific tariff. It cannot be done. The membership of such a commission would be largely theorists, and you know that such are mostly low tariff or actual free-traders. It takes hard-headed men of affairs to conduct the Government, and the two trials given the Democrats to work out their theories have not proved very satisfactory.

A good, stiff protective tariff is Republican doctrine and practice, and low tariff or free trade is good old Democratic theory.

Thomas W. Gaw.

Liberal, Kan.

Poultry on the Farm

Since poultry and eggs are found on nearly every farm in the United States, there should be more attention given them for a very little foresightedness in poultry business goes a long way toward success. The greatest opportunity for making money out of the poultry that has ever existed presents itself at the present time.

For the reason that the price of all grains and feed stuff is at a very low level and poultry can be produced very cheaply. With cheap feed available and poultry and eggs not so low in proportion as other products, keeping poultry spells only one thing and that is profit.

Whatever money poultry brings in on the farm is clear profit in most cases and it is not often that poultry expense is an outlay in cash.

Poultry raising is expanding and is a source of profit in every locality.

Mrs. W. A. Parsons.

Burlington, Kan.

An Investment in Happiness

(Continued from Page 3)

This is an automatic plant. The water pressure tank holds 5 gallons. When the tank is three-fifths empty the pump starts and pulls water from the well,

so by permitting the faucet to run for a few minutes fresh, cool well water may be obtained for drinking purposes. Mr. Adams prefers this to the storage tank which holds several barrels because in the summer the stored water usually becomes warm and unpalatable.

This plant also generates electricity which is used to light the house and as power to operate a washing machine. The house also is piped with gas which is obtained from the main supplying Atchison which runs near the farm.

A hot-water system supplies heat. Coal and wood are burned. A hot-water heater is attached to the furnace. It also has a gas connection so water may be heated in the summer when the furnace is not being operated.

The most striking thing to be seen in the basement of the Adams home

is a collection of 625 quarts of canned fruits, vegetables and meats. Every year Mrs. Adams puts away quart after quart of garden vegetables to lend variety to winter menus. The farm has a small orchard and a large amount of fruit is canned every summer and fall. At butchering time much pork is canned for use during the winter and the following summer. A large amount of this is sausage. This self-gathered supply of food is one of the big items in writing down the cost of living on this farm and in addition supplying food than which none can be better.

"Our modern home has been of great benefit to us," said Mr. Adams. "There is no question but that it has added greatly to our enjoyment of farm life and it has helped us with our work, also, by stimulating our ambition. Mrs. Adams says it has made her job of keeping house much more pleasant and enjoyable. We live just as comfortably here on the farm as any folks do in Leavenworth and life in the open is preferable to the restrictions a city entails. I think I made a good investment when I built."

Engine Book FREE

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WRITE for my illustrated book—Tells all about engines—Shows every part of the engine—Explains its many advantages—Describes 42 sizes and styles.

Direct FACTORY Prices on anything you want. Lifetime Guarantee, Cash or Easy Terms. 90-Day Test. Immediate Shipment.

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1547 Empire Building, PITTSBURGH, PA.



This Machine Spreads Straw and Manure

and can be used as a hay frame. Bed is 7 ft. wide and 14 ft. long, hundreds of them in use. Give entire satisfaction. Price has been reduced from \$275.00 to \$175.00. F. O. B. Des Moines. Write for circular.

ONE MAN STRAW AND MANURE SPREADER CO., Des Moines, Iowa.



Put Delco-Light in your Home for Christmas

Now back to 1917 Prices!

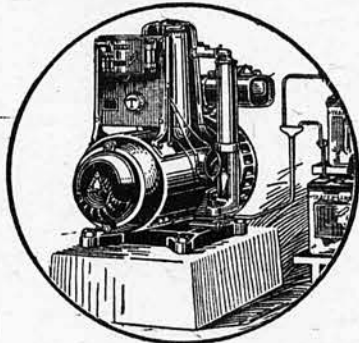
MAKE this Christmas one of the happiest your family has ever known—one they will never forget—one they will look back to year after year with fondest memory. Put Delco-Light in your home for Christmas.

Think of the happiness in your home on Christmas eve, with the family enjoying Christmas pleasures in rooms flooded with bright, cheery, Delco-Light.

And think, too, of the joy in the minds of all in knowing that

Delco-Light will continue to make the home brighter, happier, every day in the year—that running water can be available anywhere you want it—that there will be power to run the washing machine, to milk the cows, and help with so many other chores.

You've probably been thinking for years that sooner or later you would buy Delco-Light. Now is the time to do it. The new big price reduction and time payment plan make it easily possible. See your Delco-Light Dealer.



DELCO-LIGHT COMPANY, DAYTON, OHIO
Subsidiary of General Motors Corporation

Also manufacturers of Delco-Light Water Systems, Delco-Light Washing Machine, and Frigidaire, the Electric Refrigerator Made for 32 and 110 volt Direct or Alternating Current Service

R. E. Parsons Electric Co., 1322 Main St., Kansas City, Mo.
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Dependable
DELCO-LIGHT

More than 165,000 Satisfied Users -

Delco-Light Company, Dayton, O.

Please send me without obligation, the Delco-Light catalog, new prices and details of easy payment plan. KF12

Name.....

Street (or R. F. D.).....

Town.....

County..... State.....

Wheat 80c A Bushel Advanced
Corn 40c A Bushel Advanced

No Interest Charge to Stockholders.

We will advance 80c a bushel and freight on wheat and 40c a bushel and freight on corn and allow you one year in which to pick your own settling price.

Write for Our Profit Sharing Proposition.

J. E. Weber Grain Co.
 924 Baltimore Ave., Kansas City, Mo.

A Faster Log Saw!

The new 1923 Model OTTAWA is the World's fastest Log Saw—850 strokes a minute! Better built, lighter, easier to move, burns kerosene. Less than Wholesale Prices now in effect.

OTTAWA

FREE BOOKS! Send for "Wood Working Encyclopedia," illustrated, also Big Special Offer. Ottawa Wkg. Co., 1491 Wood St., Ottawa, Kan., Pittsburgh, Pa.

One Man Log Saw

50 Days Trial

Farm Organization Notes

BY RURAL CORRESPONDENTS

METTINGS of two important Kansas farm organizations will be held in the near future. The Kansas State Horticultural Society will meet at the State House in Topeka December 5 to December 7, according to a recent announcement made by Secretary O. F. Whitney.

The dates for the annual meeting of the Kansas State Board of Agriculture will be January 10 to January 12. Secretary J. C. Mohler announces that an unusually interesting program will be given at that time.

Farmers' Union Honors Capper

Senator Capper has always been a friend of farm organizations throughout the country and his good work through the agency of the farm bloc in Congress is appreciated by all of them. Recently members of Local No. 1831 of

the Farmers' Union in Shawnee county voted to make Senator Capper a member of their organization and he appreciates the honor very much. Farmers everywhere realize that in Senator Capper they have a true friend who will champion their rights and insist on a square deal for them at all times regardless of the cost.

National Grange Meet at Wichita

The National Grange opened an interesting session at Wichita, Kan., on November 15 and delegates from every state in the Union are in attendance. The sessions will continue until the evening of November 24.

Kansas Grange Business Association

Soon after the Kansas State Grange was organized a business association was started and a charter obtained.

The Grange has had a business agent or a co-operative business agent during practically all the years of its existence.

In recent years this co-operative committee has been merged into the Kansas Grange Business Association which has its principal office at Kansas City. This association at present is handled by Miss Mande Linck, who has saved the members of the Grange much money in handling twine, wheat, coal, fruit, fencing materials, groceries and other staples for the organization.

Certified Poultry Flocks for Kansas

Free inspection of standard-bred poultry flocks in Kansas, and certification of those flocks which meet the requirements set by the various breed associations, is offered by the Kansas State Agricultural College extension service and the county farm bureaus. The purpose of flock certification is similar to that of pure seed certification—to assure the purchaser of birds or eggs that he is getting good stock.

The certification project is in charge of D. J. Taylor, extension poultryman. Fowls that are to become a part of the certified flock are marked with leg bands.

Southwest Wheat Growers

First sale of Oklahoma wheat to Genoa, Italy, was made recently when two boat loads were sold f. o. b. New Orleans, according to D. B. Sibley, sales manager of the Southwest Wheat Growers' Association, who made the sale.

The wheat was all raised in Oklahoma and pooled by the Oklahoma Wheat Growers' Association. The market was very favorable at the time the wheat was disposed of, and was sold direct to exporters. The two boats contained 16,000 bushels.

Oklahoma Farmers Co-operate

"At the last meeting of the Oklahoma Farmers' Union at Oklahoma City," says the editor of the Wheat Growers' Journal, "that organization passed a series of resolutions in which they commended the good work of the Oklahoma Wheat and Cotton Growers' Associations and urged their members to become connected with these organizations."

"The co-operative marketing plan was unanimously indorsed by the Union."

Goodland Equity Exchange

The excellent record made by the Equity Union Exchange at Goodland, Kan., shows what can be accomplished when farmers use team work, co-operation and intelligence to build up a marketing machine.

The last report of the Goodland Union Equity Exchange shows a net profit of \$10,410.55. The total sales amounted to \$322,199.89. Its officers operate a grain elevator and also a farmers' store. W. E. Curry is president, and Wilson Peters is secretary.

Limestone Helps Lyon Crops

"The crushed limestone which I added to my alfalfa land a year ago last spring has certainly been a big help to the soil," writes J. L. Stevenson of Plymouth. Mr. Stevenson put the crushed limestone on his land at the rate of 3 tons an acre, to correct the soil acidity. There are a great many Lyon county farms, according to Mr. Stevenson, that never will produce a satisfactory leguminous crop until limestone is added to the soil.

Short Course for Dairymen

The second annual dairy herdsmen's short course will be held at the Kansas State Agricultural College from December 4 to December 16.

This course will cover extensive training in the class room, laboratory, and with the college herd. Animals available for study will include many state record cows of the Ayrshire, Guernsey, Jersey and Holstein-Friesian breeds.

Grain and Hay Show

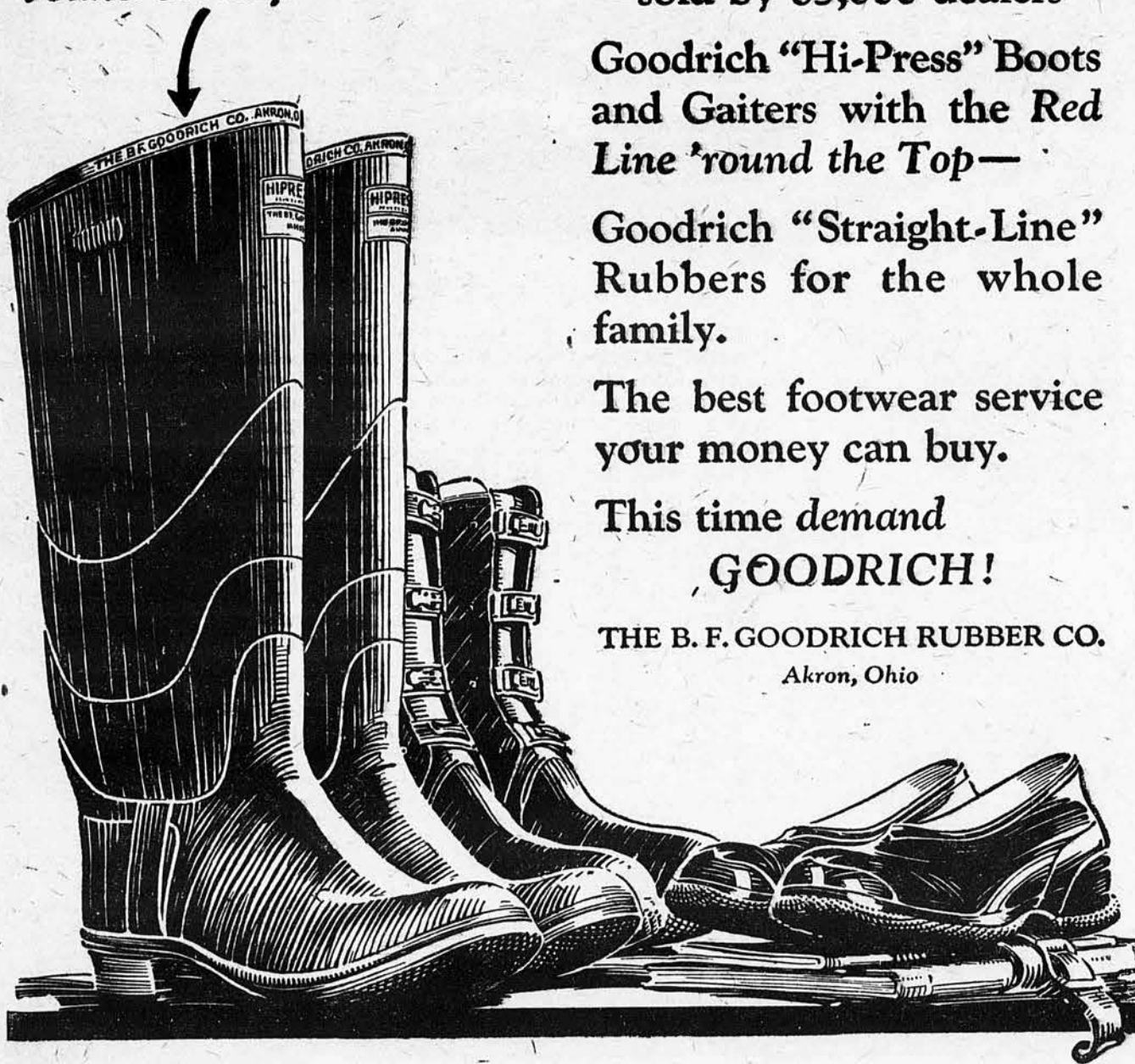
The fourth annual Grain and Hay Show will be held in connection with the International Livestock Exposition in Chicago from December 2 to December 9. Superintendent G. I. Christie announces that all exhibits must be on the grounds at Union Stockyards in Chicago not later than Monday, November 27. Kansas farmers should bring back some of the splendid prizes offered on grain and hay.

GOODRICH

"HI-PRESS" and "STRAIGHT-LINE" RUBBER FOOTWEAR

"BEST IN THE LONG RUN"

Look for the **RED LINE**
 'round the Top



Worn by millions,

—sold by 65,000 dealers

Goodrich "Hi-Press" Boots
 and Gaiters with the Red
 Line 'round the Top—

Goodrich "Straight-Line"
 Rubbers for the whole
 family.

The best footwear service
 your money can buy.

This time demand
GOODRICH!

THE B. F. GOODRICH RUBBER CO.

Akron, Ohio

Middle West Plains News

BY SAMUEL H. BROWNING

THE annual meeting of the Arkansas Valley Fair Association was held recently, and the following board of directors was chosen: Lewis Swink, C. J. Gover, Frank Noble, W. F. Green, F. S. Johnson, W. L. Sickenberger, F. A. Sabin, J. H. Price, H. B. Dye, Boon Best, W. J. Brown, E. D. Haines and L. R. Pollock. A bigger and better fair is being planned for next year.

Garden City Sugar Factory Busy

Garden City's sugar factory is getting under full headway in its annual attempt to sweeten the natives. About 750,000 pounds of sugar have been bagged.

The beet yield is good and the 16 per cent sugar content is unusual. A ton of beets makes about three bags of sugar. About 5,000 acres of beets were grown and it will take until December 15 to turn them into sugar. Two hundred fifty people in town and 700 in the country are employed.

Colorado Exhibits Go to Chicago

An interesting collection of seed and other field products was shown at the Colorado State Seed Show in Colorado Springs on November 16. James Morrison, county agent of Logan county, Colorado who will be one of the representatives of the state of Colorado at the International Grain and Hay Show at Chicago from December 2 to December 9, is arranging to have as many as possible of the winning exhibits sent to Chicago to advertise the resources of the state.

Cow Wins A. J. C. C. Medal

Golden Maid's Gamboge's Nora, 381275, owned by W. S. Sheard, Junction City, Kan., has qualified as the state champion junior 4-year-old.

She produced 1,000 pounds of milk and 731.15 pounds of butterfat in 364 days, starting test at 4 years, 2 months of age. Nora calved within 16 months of last calving prior to test, carrying calf 240 days in her lactation period, and thus wins A. J. C. C. gold and silver medals.

Reno County Apples

A count of apple trees in Kansas shows that Reno county has 76,641 bearing trees and 7,880 trees that are coming into bearing. Reno, therefore, is the state's biggest apple county.

Delavan Sets a High Standard

BY EARLE H. WHITMAN

DEHAVAN Community Day last month was the result of a desire on the part of pig club boys in that Morris county community to exhibit their hogs. At a club meeting one evening the matter of showing hogs was being discussed and the proposition of taking hogs to other fairs in the county considered. "Why not have a local fair?" came the question, and the suggestion met with approval.

Another meeting, this time a community affair, was called soon afterward, a fair board elected, a date chosen, and the plan set in full motion. Little time was available to make comprehensive arrangements, but when fair day came the work done had borne fruit. Four departments made up the exhibits—livestock, poultry, farm products and home economics. The school exhibits were declared the best in the county by many visitors. Every department had all the entries for which space could be provided. The center of activities was the rural school.

The fair was free in every respect, even to a big picnic dinner made up of baskets of good things from all the village and farm homes in the community. A band supplied music, a speaker from the Kansas State Agricultural College addressed the crowd, and a football game between Wilsey and Delavan High schools was a popular feature. The pig club boys had a judging contest, and nine of them showed pigs.

But the feature of the Delavan Fair was the absence of any money-making concessions. Everybody had a good time at practically no expense and there was nothing to detract from interest in the program provided. No cheap sideshows injured the morals and took away the money of the folks in that community—a welcome relief from conditions which exist at far too many fairs, local, district and state.

How was the money raised to meet expenses? Why, by personal subscription, and no one had to give very much. Ribbons only were offered as prizes, but those ribbons meant as much to the winners as a small amount of cash. The success of the fair was a matter of everybody pulling together for the good of the community. The best proof that such an event is popular is found in the enthusiastic plans being made for next year. Ample time will be given for planning the fair for 1923, and there will be two days of it. Delavan folks have found a most satisfactory way of getting inhabitants of the community together to show the products of the home and farm, and Delavan Community Day should prove a lasting benefit to all.

There was a heavy yield this year. On the Yaggy plantation, near Hutchinson, some of the full grown trees yielded as much as 35 bushels to the tree.

Farmers are Storing Potatoes

Potato growers in the Greeley district in Colorado are digging their tubers and storing them until sufficient cars are available to move the crop marketward. Reports from that district indicate, however, that storage facilities are limited and something must be done immediately to move the crop.

San Luis Valley Potato Show

The third annual San Luis Valley Potato Show which was held at Center, Colo., recently brought out the greatest display of tubers ever shown anywhere in Colorado. Alvin T. Steinel of the extension department of the Colorado State Agricultural College and W. H. Olin of the agricultural department of the Denver and Rio Grande Railroad gave the growers many practical suggestions in addresses that they made at the close of the show. On account of the unsatisfactory prices many growers are planning to store their potatoes and wait for better markets.

Railroad For Richfield

Richfield, the only county seat town in Kansas now without a railroad, will soon have one.

O. P. Byers, president of the Kansas & Oklahoma railway, now under construction from Liberal thru Hugoton, to the Colorado state line, announces that the road has been surveyed to pass thru Richfield. The route will be from Hugoton, direct to Richfield, and then west to Springfield, Colo. Richfield is county seat of Morton county, and is now 20 miles from the nearest railway.

Ford County Diversifies

Steady progress has been made in farm diversification in Ford county, Kansas. A few years ago it was strictly a cattle country; then wheat was added; then alfalfa. Now general farming, including the raising of beef cattle, dairy cattle, hogs and poultry, is the rule. The Ford County Livestock Association is going in for registered animals. Lately a sale of registered cattle was held, bringing buyers from all over Western Kansas.

White Eagle Gasoline

For a Quick Start

Your motor responds to White Eagle Gasoline—instantly! There's a snappy eagerness in its easy start and quick get-away. You accelerate smoothly—and at all times you are confident of the steady, tremendous power and speed at your command.

White Eagle's superior qualities do not vary. You are assured uniform high quality in every drop.

The production of White Eagle Gasoline—from oil well to your car—is our own. No outside elements enter into the making of this BETTER Gasoline. And this high quality tells in more mileage, more power—greater satisfaction to users.

White Eagle Motor Oil flows freely at zero!



Use White Eagle.

the *Better* Winter Gasoline

This Beautiful Doll Free!

Can You Solve This Puzzle?

D-L-Y D-M-L-

Be Sure
You Get a
Capper
Doll



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

A Beautiful Doll
For Every
Little Girl

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

AUNT ALICE
42 Capper Bldg., Topeka, Kan.

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

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

Name.....

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Our
Guarantee

We positively
guarantee the
Doll we are of-
fering to be ex-
actly as illus-
trated and is 15
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Heals Sore Hands

Special Trial Offer

USKUM

A boon to corn huskers. The wonder remedy for sore hands. HEALS cuts, bruises, cracked and chapped hands—relieves inflammation and soreness instantly—checks infection. Thousands use Huskum the year round and recommend it. Send your drugist's or hardware man's name and size for our big trial offer bottle. CENTRAL MFG. CO. 305 First Street Cedar Rapids, Iowa

FARM WAGONS

High or low wheels—steel or wood—wide or narrow tires. Wagon parts of all kinds. Wheels to fit any running gear. Catalog illustrated in colors free. Electric Wheel Co., 30 Elm St., Quincy, Ill.

The Wreckers

(Continued from Page 9)

"Ye'd sthring me as if I was a boy!" he scoffed. "'Tis your own game fr'm first to last. D'ye think I'm not knowing that? 'Tis bread and butter and th' big rake-off for you, and little ye care how th' election goes. Suppose we'd croak this man in th' hot par-rt av th' p'ltical fight; what happens? Half th' noospaypers in th' state 'd play him up fr a martyr to the cause av good government, and we'd all go to hell in a hand-basket!"

I was cramped and sore and one of my legs had gone to sleep, but I couldn't have moved if I had wanted to. My heart was skipping beats right along while I waited for Hatch's

answer. When it came, the drumming in my ears pretty nearly made me lose it. Clanahan," he began, as cold as an icicle. "I didn't get you down here to argue with you. We've got your number—all your different numbers—and they are written down in a book. You've bungled this thing once, and for that reason you've got it to do over again. We haven't asked you to 'croak' anybody, as you put it, and we are not asking it now."

"'Tis domned little you lack av asking it," retorted the dive-keeper. "Listen," said Hatch, leaning forward with his hands on his knees. "Besides keeping cases on Norcross here, we've been digging back into his record a few lines. Every man has his sore spot, if you can only find it, Clanahan—just as you have yours. What if I should tell you that Norcross is wanted in another state—for a crime?"

"Nobody would believe ut," was the prompt rejoinder. "If he wanted he c'd be had."

"Wait," Hatch went on. "Before he came here he was chief of construction on the Oregon Midland. There was a right-of-way fight back in the mountains—fifty miles from the nearest sheriff—with the P. & S. F. Norcross armed his track-layers, and in the bluffing there was a man killed."

Tho it was a warm night, as I have said, the cold chills began to chase themselves up and down my back. What Hatch said was true. In the right-of-way scrap he was talking about, there had been a few wild shots fired, and one had found a P. & S. F. grade laborer. I don't believe anybody had ever blamed the boss for it. He had given strict orders that we were only to make a show of force; and, besides, the other fellows were armed, too, and had armed first. But there had been a man killed.

While I was shivering, Clanahan said: "Well, what av it?"

Norcross was responsible for that man's death. If he was having trouble over his right-of-way, his recourse was to the law, and he took the law into his own hands. Nothing was ever done about it, because nobody took the trouble to prosecute. A week ago we sent a man to Oregon to look up the facts. He found a brother of the dead man, and a warrant has been sworn out for Norcross's arrest.

"Well?" said Clanahan again. "Ye have the sthring in yer own hand; why don't ye pull it?"

"That's where you come in," was the answer. "The Oregon justice issued the warrant because it was demanded, but he refused to incur, for his county, the expense of sending a deputy sheriff to another state, or to take the necessary steps to have Norcross extradited. If Norcross could be produced in court, he would try him and either discharge him or bind him over, as the facts might warrant. He took his stand on the ground that Norcross was only technically responsible, and told the brother that in all probability nothing would come of an attempt to prosecute."

"Thin ye've got nothing on him, after all," the Irishman grunted.

"Yes," Hatch came back; "we have the warrant, and, in addition to that, we have you, Pete. A word from you to the Portal City police headquarters, and our man finds himself arrested and locked up—to wait for a requisition from the Governor of Oregon."

"But you said th' requisition wouldn't come," Clanahan put in.

Hatch was sitting back now and stroking his ugly jaw.

A Hard Boiled Scheme

"It might come, Pete, if it had to; there's no knowing. In the meantime we get delay. There'll be habeas corpus proceedings, of course, to get him out of jail, but there's where you'll come in again; you've got your own man in for city attorney. And, after all, the delay is all we need. With Norcross in trouble, and in jail on a charge of murder, the railroad ship'll go on the rocks in short order. The Norcross management is having plenty of trouble—wrecks and the like. With Norcross locked up, New York will be heard from, and Dismuke will step in and clean house. That will wind up the reform spasm."

"'Tis a small chance," growled the chief of the ward healers. "The high-brow vote is stirrin', and there'll be some to say it's persecution—and say it where it'll be heard. I'll talk it over with the Big Fellow."

Again Hatch leaned forward and put his hands on his knees.

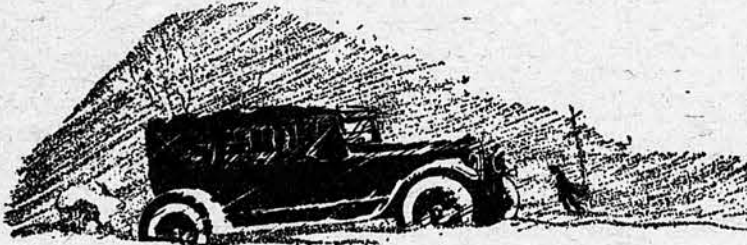
"You'll do nothing of the sort, Pete. You'll act, and act on your own responsibility. If you don't, somebody may wire the sheriff of Silver Bow county, Montana, that the man he knew in Butte as Michael Claney is."

The dive-keeper put up both hands as if to ward off a blow.

"'Tis enough," he mumbled, speaking as if he had a bunch of dry cotton in his mouth. "Slip me th' warrant."

Hatch went to a small safe and worked the combination. When the door was opened he passed a folded paper to Clanahan. Thru all this talk, Henckel had said nothing, and I suspected that Hatch had him there solely for safety's sake, and to provide a witness. With the paper in his pocket, Clanahan got up to go. It was time for me to make a move.

If They Only Knew
How Little It Costs
to be Comfortable—



They would never face this winter in an open car!



Spring and Fall—
Front panels removed—
rear panels affording protection from drafts



Midsummer—All
Panels Removed



Midsummer—All
panels removed—storm
curtains in place to protect from showers



Winter—Full protection
against blizzards
and cold

Immediate Delivery of
Rex Tops (Sedan Type)
Can be Made for
These Cars

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It's curious how an idea will sometimes lay hold of you and knock out reason and common sense and everything else. Clanahan had in his pocket a piece of paper that simply meant ruin to Mr. Norcross, and the blowing up of all the plans that had been made and all the work that had been done. If he should be allowed to get up town with that warrant, the end of everything would be in sight. But how was I to prevent it?

I saw where the Irishman had put the warrant; in the right-hand, outside pocket of his coat. The pocket wasn't deep enough, and about an inch of the folded paper showed white against the black of his coat. The three men were on their feet, and Hatch was reaching for the wall switch which controlled the single incandescent lamp hanging from the ceiling of the scale-house. If I could only think of some way to blow the place up and snatch the paper in the confusion.

Up to that minute I had never thought once of the pistol I had taken from Fred May's drawer, tho it was still sagging in my left hip pocket. When I did think of it I dragged it out with some silly notion of trying to hold the three men up at the door of the shack as they came out. Hatch's stop to light a cigar and to hand out a couple to the other two gave me time to chuck that notion and grab another. With the muzzle of the automatic resting in the crack of the opened window I took dead aim at the incandescent lamp in the ceiling and turned her loose for the whole magazineful.

Since the first bullet got the lamp and left the place black dark, I couldn't see what was happening in the close little room. But whatever it was, there was plenty of it. I could hear them gasping and yelling and knocking one another down as they fought to get the door open. Sticking the empty pistol back into my pocket I jumped to get action, hurting my sore hand like the mischief in doing it.

Clanahan Had a Gun

Hatch was the first man out, but the big German was so close a second that he knocked his smaller partner down and fell over him. Clanahan kept his feet. He had a gun in his hand that looked to me, in the darkness, as big as a cannon. I was flattened against the side of the scale shack, and when the dive-keeper tried to side-step around the two fallen men who were blocking the way, I snatched the folded paper from his pocket; snatched it and ran as if the dickens was after me.

That was a bad move—the runaway. If I had kept still there might have been a chance for me to make a sneak. But when I ran, and fell over a pile of loose coal, and got up and ran again, they were all three after me, Clanahan taking blind shots in the dark with his cannon as he came.

I made straight for the wagon gate, and forgot, until I was right there, that it, and the wicket thru one of the leaves, were both locked. As I shook the wicket, a bullet from Clanahan's gun spat into the woodwork and stuck a splinter into my hand, and I

turned and sprinted again, this time for the gates where the coal cars were pushed in from the railroad yard. These, too, were shut and locked, and when I ducked under the nearest gondola I realized I was trapped. Before I could climb the high fence anywhere, they'd get me.

They came up, all three of them, puffing and blowing, while I was hiding under the gondola.

"It's probably that cow-boy spotter of Norcross's, but he can't get away," Hatch was gritting—meaning Tarbell, probably. "The gates are locked and we can plug him if he tries to climb the fence. There's a gun in the scale-house. You two look under these cars while I go and get it!"

It was up to me to move again. Henckel was striking matches and holding them so Clanahan could look under the cars, and I could feel, in anticipation, the shock of a bullet from the big gun in the dive-keeper's fat fist as I crawled cautiously out on the far side. Creeping along behind the string of coal cars I came presently to the great gantry crane used for unloading the fuel. It was a huge traveling machine, straddling the tracks and a good part of the yard, and the clam-shell grab-bucket was down, resting on its two lips on the ground.

I thought of climbing to the framework of the crane and trying to hide on the big bridge beam. Then I saw that the two halves of the clam-shell bucket were slightly open, just wide enough to let me squeeze in. If they were looking for a full-sized man—Tarbell, for instance, who was as husky as a farm-hand—they'd never think of that crack in the bucket; and in another second I had wriggled thru the V-shaped opening and was sitting humped up in one of the halves of the clam-shell.

That was a good guess. When Hatch came back with his gun, they combed that coal yard with a fine-tooth comb, using a lantern Hatch had gotten from somewhere and missing no hole or corner where a man might hide, save and excepting only the one I had preempted.

The search wound up finally under the crane, with the three standing so near that I could have reached out of the crack between the bucket halves and touched them.

"Der tuyfel has gone mit himself offer der fence, yes?" puffed Henckel. And then: "Vot for is he shoot off dem pistols, ennahow?"

Clanahan confessed, I suppose because he knew he would have to, sooner or later.

"It was a hold-up," he growled. "Th' warrant's gone out av my pocket."

(TO BE CONTINUED.)

Why He Couldn't Save

"Bill used to be quite saving."

"Yes, until he saved a woman from drowning; the poor fellow hasn't been able to save anything since."—Boston Transcript.

Serious trouble might be avoided many times if the second thought were to come before the first.

The Shortage of Rail Equipment

IN AN address recently in New York President Markham of the Illinois Central railroad discussed the causes and remedies of the shortage of transportation. Heretofore, he stated, car shortages have always occurred in the height of business prosperity and activity. This year the shortage occurs at the beginning of business recovery. The distinction is ominous for the future. "In this respect," says Mr. Markham, referring to the shortage, "it creates a situation unprecedented in the United States—a situation that should cause every farmer and business man, every railway regulating official, every public man, every wage earner to pause and reflect seriously."

Like other railroad officials Mr. Markham has a theory: the railroads should be permitted to earn enough money to make their securities attractive investments. Either this, or the country might as well soon as later take the railroads over. Unless railroad securities are regarded as safe investments railroads can not provide new and ever larger facilities, keeping pace with the development of the country. He cites figures showing that business has increased in 15 years far out of proportion to transportation facilities.

This is no doubt true. It does not follow that with freedom to earn, the railroads will provide ample transportation facilities. It is doubtful whether they can under any circumstances care for the business of the United States as they have done formerly. It is getting too big for them. The time has come when rail transportation will have to be supplemented by water, at least at strategic points. This is an argument for the St. Lawrence-Great Lakes waterway as a starter.

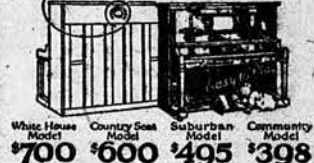
It also shows the need for additional storage space, of the farms and at the local shipping points. This is perhaps especially true with grain, but it also is the case with other products, such as fruit.

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Timely Tips for the Trappers

Proper Sets in Good Locations Insure Success

BY F. E. BRIMMER

ONE of the things that every trapper should do is to look for the best places to set his traps early in the season. This should be done before the trapping season opens. Go over the trapping ground carefully and look for likely places to put your traps. This saves time when you actually put out the traps.

One of the best places for any furbearer is along an old fence. If this extends from one cluster of woods to another it is pretty sure to be used as a protection when the animals travel. No wild animal likes to get too far away from a hiding place, and the shelter of a stone wall, a rail fence, an old stump fence, pole fence, or any other fence that gives a slight shelter makes a good place to put a set. Offer signs of digging, claw marks, or other signs will give evidence that the fur bearing animals are traveling along a fence. The fence gives protection to your trap and shields it from snow often.

In any woods that you are trapping you will find hollow stumps, stumps, or logs. Such a place is always visited by mink, raccoon, and other furbearers and makes a good place to put a trap. A little bait hung in a hollow tree or placed in the middle of a hollow log with a good scent bait in a tree nearby to attract the animal to the vicinity will be sure to make a profitable set.

Look for Trails

If you are trapping along a stream, marsh, swamp, river, lake, or any water course, there are sure to be many paths along the bank that give evidence of muskrats, minks, raccoons, otters, and the other water loving animals in your territory. Where these paths enter the water there is a fine place to make a set. Perhaps you can discover the log on which the mink eats his fish or the muskrat devours his wild onions—and the trap placed here when the season opens will be a winner. Traps ought never to be set in or very near muskrat houses or too close to the den of wary animals because they frighten the occupants and a new home is found. Molesting muskrat houses is against the law in many states. Fox, coyote, and wildcats seem

to prefer cow and sheep paths to any beaten trails of their own and pasture sets for these valuable furs are the best possible.

At the entrance to the holes, burrows, and dens of many animals is the only sure place to get them. Probably more skunks are caught in the entrance to their burrows than at any other place. Where old logs cross creeks a trap will be sure to get almost any kind of fur that lives in your section. A narrow path over a mountain chain will be followed by all furbearers. Any tile drains that you have about the farm will be explored by mink, raccoon, and other furbearers every time they come near them.

Marketing the Pelts

After you have caught and skinned a valuable pelt you should be careful about the way it is stretched and sent to the market. If the skin is taken off a board then it should be stretched on a board that is whittled out to shape or else on a steel frame stretcher that you can get at the hardware store. The open pelt skins should be stretched out on the side of a building where they will be protected from the weather or may be placed on a steel stretching frame. Pelts properly dried are often shipped in a bad way to the buyer and so lose value.

Stretching boards for the animals of the size of the muskrat should be 20 inches long by 10 inches wide. It is a good plan to split the board down the center and drive in a wedge when the skin is placed on it, however, this should not pull out the pelt so that it will be drawn too thin in places. You do not need to stretch a skin too tightly, simply pull it out so that there are no folds and so that it is held everywhere under a slight tension. For mink, marten, and animals of this size the proper stretching boards are 28 inches long by 8 inches wide. If boards are used for stretchers they should be whittled out carefully to shape—using a good steel stretcher as a pattern is the best way to get the shape and the edges should be beveled off round so that there are no sharp corners to tear the skin anywhere. For animals the size of

A Protest Against Reappointment of Harding on Federal Reserve Board

Hon. Warren G. Harding, President, Washington, D. C.

DEAR MR. PRESIDENT: I am asked by the Kansas State Farm Bureau to transmit to you a resolution protesting against the reappointment of W. P. G. Harding as Governor of the Federal Reserve Board, and asking that some one more in sympathy with the producers be placed in that position.

Doubtless this resolution will recall to you the reasons I some time ago gave you why I believed the reappointment of Governor Harding would be seriously objectionable and a mistake.

In Kansas, as elsewhere, the State Farm Bureau is a large organization of intelligent farmers, not at all likely to be unreasonable in its demands. Other strong Kansas farm organizations, such as the Farmers' Union, the Grange, and the Society of Equity have gone on record against the reappointment of Governor Harding in the same emphatic way.

I think you will agree with me that this is not at all to be wondered at. Today, with nearly every other business and industry on the upgrade, or getting along comfortably, the men on the farms, among the very first to suffer readjustment and to suffer most and longest, are in hundreds and thousands of instances struggling along with rent, or taxes, and interest unpaid.

Every farmer believes, and I agree with him, that the present desperate

and deplorable situation of the farming industry is due, to some extent, to the extreme and unnecessarily drastic deflation policy of the Federal Reserve Board under Governor Harding, with its consequent terrible paralysis of agricultural credit which, in its duration and disastrous effect on the farming industry, has surpassed everything we have ever experienced in panic times. In fact, in the old days, when a panic was precipitated, land usually was considered the only really safe investment.

What this policy of the Reserve Board disclosed to farmers and stockmen generally, was that apparently the board was completely out of touch, and therefore out of sympathy, with the desperate condition of the country's biggest business. Coming as this did at a time of national crisis, the policy of the board forced these men to dump their products on an utterly demoralized and ruinous market far below the cost of production, thereby making confusion of values worse confounded and turning disaster into calamity. The result has been widespread bankruptcy among farmers despite all their efforts and all nature's bounties.

Under the circumstances, it cannot be wondered, I think, that these men could have no confidence in a Federal Reserve Board under the same head, and I sincerely hope such an appointment will not be made.

ARTHUR CAPPER.

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skunks the stretchers should be 30 inches long by 11 inches wide.

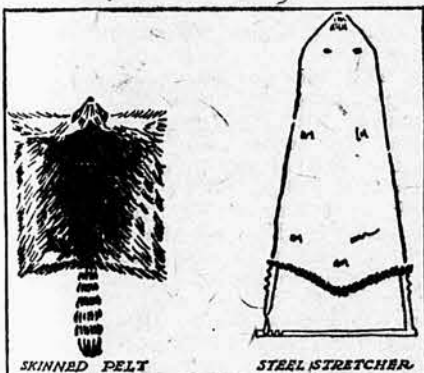
Stretchers for foxes should be 33 inches long by 14 inches wide, those for coyotes and wolves 46 inches long by 16 inches wide, and the stretchers for all fur bearing animals where the skin is taken off by the open pelt method will depend upon the size of the pelt. Pelts should be stretched as soon as taken from the animal.

In shipping pelts many trappers show themselves to be amateurs and the shipper cannot give them the best prices. For instance the pelt of the muskrat should be shipped with the fur side in, while most trappers ship it with the fur side out. This is a mistake and no muskrat pelt should be turned, unless it is those black pelts that grow along the Atlantic coast in some marsh sections. These animals should be packed and made ready for the buyer with the skin side out: Muskrat, skunk, opossum, mink, ermine, and otter. Those that may have the pelt turned fur side out to ship are: Fisher, wolf, fox, coyote, wildcat, civet cat, and marten.

Skinning and Stretching Pelts

BY GERALD E. FERRIS

Altho a trapper gets much more enjoyment from trapping fur bearers than he afterward does when he skins and prepares them for shipment he must not overlook this important phase of the work. Furs may be rendered practically worthless, when damaged in what an inexperienced trapper would think the least degree. Seldom is the reward very great for skins that have not been properly skinned, cleaned, stretched and cured.

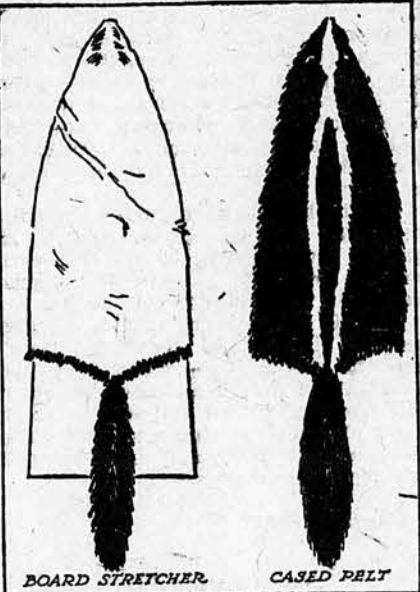


The smaller fur bearers, including the skunk, civet, mink, opossum and muskrat, should be cased and stretched skin side out. The skin of the larger animals, such as the raccoon, should be split down the four legs and the belly to remove the fur which then should be stretched by tacking it on a square frame or a wall of a building. Altho wolves and foxes may be skinned, the largest fur companies recommend that they be cased and stretched fur side out. Starting at the hind legs and stripping the pelt for-

ward over the head without cutting the skin in any place except down the hind legs is the method that is used almost exclusively in casing an animal. However, some trappers prefer to start at the mouth of the fur bearer and strip the skin the other way to avoid cutting any holes whatever in the hide.

At the time the skin is put on the stretcher all surplus fat and meat must be removed from the skin. This may be accomplished either by pulling it off with the fingers or cutting and scraping it off with a knife. The use of either operation should be a careful one to prevent cutting or tearing holes in the skin. This surplus and injurious substance, unless it is removed, may render a valuable pelt practically worthless.

It is far more economical and con-



venient to use steel fur stretchers for the small animals which should be cased. These may be purchased from any of the large hardware stores or they may be ordered from any of the larger fur companies. If these steel stretchers are not available, stretchers whittled from a thin board will serve this purpose admirably. With a steel stretcher, however, time may be saved, pelts may be stretched one-third to one-fourth again as large and the air permitted to circulate on the inside of the pelt that is being stretched. This tends to hasten the drying of the skin. Furs, after they have been put on the stretchers, should then be kept in a cool, dry place where they should remain until they are sufficiently dry to remove from the stretchers. The skins never should be dried by a fire nor should they ever be left in reach of rats or mice.

When anything goes wrong in Europe, they just pack up their troubles in their kit-bags and bring them to the United States.

Kansans Going Back to the Farm

BACK to the farm," the slogan for many years, is beginning to have its effect in Kansas, according to the census returns for 1922. A small increase in the percentage of people on Kansas farms is noted for this year. The gain is one-tenth of 1 per cent. Figured on the state's population of 1,807,022, it means that 1,807 more persons are on farms this year than last.

This is the first time in many years that the population increase has been larger in the country than in the cities.

The urban population of Kansas in cities of 1,000 or more increased only 4,642, according to assessor's enumerations of March 1, as certified to the Kansas State Board of Agriculture by county clerks. This increase amounts to very little more than one-third the increase for the state as a whole. As a result, the rural population is reported as being 54.6 per cent of the state's total as compared to 54.5 per cent in the previous year's report. The aggregate number of inhabitants in cities of 1,000 population and above was 794,239 on March 1, as compared with 779,597 in 1921, there being 141 cities in this class this year, or a decrease of four from the list of a year ago.

There are 17 cities in the state having more than 10,000 inhabitants each, the aggregate of these being 447,854 or approximately 25 per cent of the state's population. In these 17 cities, only three changes in rank have occurred in the year.

El Dorado is 15th instead of 16th, as in 1921; Chanute is 16th instead of 17th; Arkansas City is 17th instead of 15th. These changes are brought about by decreases in all three cities, the largest being reported in Arkansas City, with a loss of 1,307 compared with a year ago.

Eight of the leading 17 cities show increases, two show the same population and seven report losses, the net increase for the 17 being 3,016, or about 65 per cent of the net increase for all Kansas cities with more than 1,000 population. The largest increases made during the year were in Wichita, 3,661; Pittsburg, 1,381; and Salina, 1,320. The heaviest decreases are shown in Hutchinson, 1,510; and Arkansas City, 1,307.



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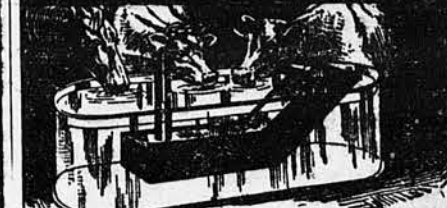
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Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

"I Can the Year Around," Says Mrs. Neubauer, Winner of First Prize in Canning Contest

THIS is my method of keeping all my jars full the year around. First, I always have a big, early garden and I raise lots of chickens. But my pressure cooker is the biggest canning help I have.

My canning begins in the spring when the first garden stuff such as peas and string beans comes on, and lasts until cabbage, tomatoes, sweet corn, pumpkins and sweet potatoes are gone. Then I begin on my young roosters and cull pullets. The old roosters are cooked in the cooker until the meat drops off the bones, when it

Then comes my jelly, of which I have 135 glasses, also 4 gallons of plum butter and 3 gallons of apple butter. I would be glad to give any information that I can in regard to my cooker and my methods of canning.

Mrs. Charles E. Neubauer.
Brookville, Kan.

Enjoys Fruits of Her Labors

(Second Prize)

Yes, this has been a wonderful fruit and vegetable season, and I have put forth every effort to preserve all that

jam, 8 quarts; cherries, 20 quarts; preserves, 8 quarts; pickles, 6 quarts; rhubarb, 10 quarts; blackberries, 12 quarts; raspberries, 24 quarts; peaches, 24 quarts; peach butter, 5 quarts; pears, 20 quarts; pear and quince honey, 9 quarts; pears, gingered, 6 quarts; preserved pears, 4 quarts; plums, 14 quarts; apples, 24 quarts; spiced apples, 6 quarts; apple butter, 10 quarts; baked apples, 6 quarts; apple and quince preserves, 8 quarts; quince honey, 10 quarts. Total of fruit, 249 quarts. I have 33 glasses of jelly.

Vegetables: Asparagus, 4 quarts; peas, 10 quarts; green beans, 25 quarts; sweet corn, 30 quarts; corn salad, 10 quarts; beets 15 quarts. Total for vegetables is 399 quarts.

This is not exactly in the canning line, but I might add that I also "can" eggs in water glass when they are plentiful. I use them in winter when eggs are high priced and sell the fresh ones. We cannot tell the difference in those put down and fresh eggs. I now have down 20 dozen eggs.

Mrs. G. E. Cash.

Winfield, Kan.

Pork Apple Pie

Grandmother used to make pork apple pie. How we liked it! Only recently I secured the recipe for it from her and because it is so good, I'm passing it on to you.

4 apples 12 pieces fat salt
4 tablespoons sugar pork, size of a pea
1 teaspoon cinnamon

Line a pie pan with pastry; pare, core and slice apples thinly; sprinkle the sugar over these, then the cinnamon and pork. Cover with crust and bake in a moderate oven. Serve while warm.

Mrs. Ruth Wilson.

Farm Home News

BY MRS. DORA L. THOMPSON

There are devices for making windows so tight that no draft is possible. These devices cost considerable money and require an expert to put them in place. A simple, home remedy to prevent drafts around windows is to put putty wherever putty is lacking.

Just as suet used to be "thrown in" with beefsteak, a good sized chunk of putty used to be given us with each purchase of window glass. Now, one must buy putty if he would have it for use. Unless it is used immediately, putty will harden and become useless. It may be kept soft by submerging it in linseed oil. This makes the second handling of it a disagreeable business.

An experienced painter recently told us to bury the putty in water and we'd find it soft and pliable when wanted. We have tried this method to our entire satisfaction. Unless one places a lid on the container, the water will evaporate and need more added.

Children's Code Commission

Rural clubs that would like to study the legislation asked for by the Children's Code Commission should send to Mrs. H. Mayfield, Topeka, for literature. The leaflets give some suggestive comparisons of the Kansas expenses in caring for unfortunate children and some California counties.

Value of Advertising

A farm paper recently contained a picture of a farmer with a load of produce, driving an ill-assorted team. One horse, representing production, was large and vigorous; the other, standing for marketing, was weak, inferior and lagged behind. A few years ago it is said that it required 75 per

cent of the people to feed the other 25 per cent. Now, 25 per cent produce enough to feed 75 per cent. In this study for improved production, farmers have neglected the marketing problems. Often, what one farmer raises is wanted by some one not far distant. If he knew where to seek the product, many a neighbor would turn buyer of the nearest farmer's surplus.

We have had an illustration of this. One fruit grower, despondent over the large crops of apples grown every where and the reports of carloads of Western apples on their way to local markets, left his apples on the trees. We had not his abundant crop but we decided to try an "ad" in the local paper. This brought surprising results. People like to drive into the country, to walk thru rustling leaves and to see piles of apples.

Sells Products by Advertising

The day following the first appearance of the "ad," one kind of apples was all sold, and in a week, practically all the surplus was gone. Potatoes went, too. White Rock chickens took the visitors' attention, and eggs were in demand. Had we had honey or other products to sell all would have been disposed of—the work of an "ad," that cost less than the price of one bushel of apples.

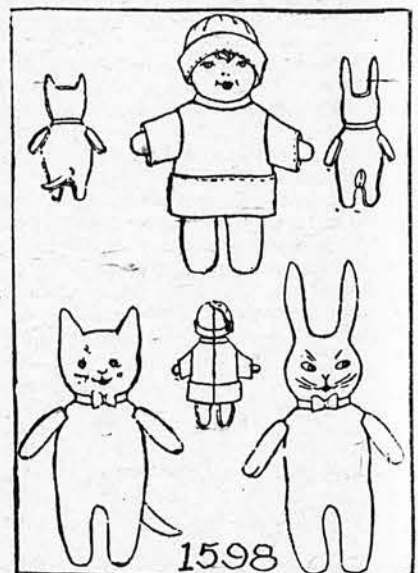
Elbert Hubbard wrote about the crowd that would make a beaten path to the door of the man who invents a perfect mousetrap. Perhaps they will but unless he advertises the fact that he has the trap, the crowd may not start its pilgrimage until they go to bury the inventor.

We believe it is a fact that home grown apples are better flavored than many Western states' product. Those merchants who would have us keep our money at home and refrain from mail order house buying might well consider the purchase of home grown fruit in preference to that from other states. Every \$1.25 sent for a bushel of Western apples is \$1.25 less than the home man has to use in purchasing the goods the merchant has to sell.

Clever Toys That Cost Little

This season brings to light the rag toy in all its glory. While these toys cost little to make at home, for discarded stockings and the like may be used, they cost quite a bit if you buy them in the shops.

The pattern illustrated includes two



Thank You—Will You Try Again?

ACCORDING to the letters we received in response to our last call, the shelves in the preserved food cupboards are simply loaded down with good things to eat. We are sorry we cannot print all of the letters but when the canning season rolls around again we will publish many of them because we know they will be of help to every reader.

And now we invite you to tell us about your way of washing. Everyone is eager to secure new ideas concerning this once-a-week duty. Do you soak your clothes? If so, what do you use in the water? Do you use the washboard, handpower machine, gas engine or electric motor? What kind of soap do you use? What kind of bluing and starch? How do you dry your clothes in winter? Tell us all about your method. We will pay \$10 for the best letter, \$5 for the second and \$2.50 for the third. For every other letter published we will pay \$1. Address, Mrs. Ida Migliario, Farm Home Editor, The Kansas Farmer and Mail and Breeze, Topeka, Kan. The contest closes December 3.

is ground and seasoned with salt and pepper and canned in ½ pint or pint jars for sandwich filling for school lunches.

After all the chickens are put up it is late enough to butcher. All spare ribs, back bone and sausage and any other parts I prefer are canned. Then toward spring I buy enough good beef of a neighbor to fill all empty cans. This meat is put away for summer use. So in summer I can for winter use and in winter I put up meats and escup stocks for summer. By doing this, my family can live from home products the year around.

A Supper on a Shelf

Besides, all this canned food comes in handy when you are in town late or at club and come home tired. It certainly is fine to be able to open a can of fried chicken and a can of fresh peas, which with bread and butter and tea makes a good supper. All of this canning requires lots of work and it is difficult to stand over a hot stove when the weather is warm, but I think it is worth the effort it takes, besides being economical.

I have had my 10-quart size pressure cooker three years and have had no trouble keeping what I can with it. I find when I do lose a jar it is caused by a poor jar, lid or rubber. I use glass jars altogether. I do not use the cooker for canning tomatoes, beets, cucumbers and most fruits, such as peaches, apples and pears, but plums, grapes and most berries look better put up by the cold-pack method. These are processed about 10 minutes under 4 pounds of pressure.

Variety of Fruits and Vegetables

My fruit cupboard contains about 480 quarts of fruits and vegetables now. I have just finished putting up 50½ quarts of sweet potatoes, and I have canned 45 quarts of sweet corn, 32 quarts of peas, 39 quarts of string beans, 30 quarts of cabbage and tomatoes mixed, 15 quarts of carrots, 23 quarts of mixed vegetables such as tomatoes, green beans, carrots, onions, peppers, peas, corn and celery for vegetable soups, 48 quarts of dill pickles, 7 quarts of green tomato pickles and 20 quarts of beets. Of fruits, I have 150 quarts, including peaches, pears, plums, crabapples, apples, currants and June berries.

was possible for our winter use.

It is indeed a great pleasure and a great satisfaction to go into my store-room and view my labors of a hot summer, for I know that we shall not go hungry, at least. I also realize that over half of our grocery bill is paid for the winter, and that we are to have the best of food. We enjoy the home canned products much more than those we buy for they are far superior in quality and less expensive.

The first thing I canned this year was strawberries. These I put up in several different ways, some preserved and some with rhubarb for jam. I also made strawberry jelly. Following are the fruits I canned during the summer and the method used for canning.

Cold pack method: Dewberries, rhubarb, blackberries, raspberries, peaches and plums. I also canned the following vegetables cold pack method, using a wash boiler: Asparagus, peas, green beans, sweet corn, corn salad, beets, sweet potatoes and tomatoes.

Has Good Luck With Meat

In early spring, I canned meats both pork and beef, also headcheese, pickled tongue, roast tenderloins, sausage and stocks for soup. I have had splendid results with fried chicken, as well as with all kinds of meats.

The following I canned using the open kettle method: Dewberry jam, dewberry jelly, cherries, cherry preserves, cherry pickles, peach butter, pears, peas and quince honey (which is delicious), gingered pears, pear preserves, apples, spiced apples, apple butter and apple jelly.

I think the cold pack method of canning is excellent. I have used it for a number of years and have had splendid success with a very few failures, and these due mostly to defects in jars or rubbers. The first principle to consider in using the cold pack method is to have first class products to can. The product must be fresh and firm. Do not use old or decaying or over ripe products.

Another principle to be considered is your cans and rubbers. Do not use cracked or defective material. I always use new rubbers. Following is a list of everything I have canned this year:

Strawberry preserves, 10 quarts; jam, 9 quarts; dewberries, 10 quarts;

Nine Winter Fashion Tips

Circular Skirts Are Being Worn Again

BY MRS. HELEN LEE CRAIG



1495—Women's Apron. The real value of a slip-on apron is judged by its ability to cover the garment underneath. Sizes small, medium and large.

1565—Women's and Misses' Dress. Circular skirts are in fashion again. Trimming bands around the waist and neckline make this frock especially attractive. Sizes 16 years and 36, 38 and 40 inches bust measure.

1576—Women's Dress. Any of the twills that are now shown would make up prettily in this style. Sizes 36, 38, 40, 42, 44, 46, 48 and 50 inches bust measure.

1564—Women's Dress. This style exploits the popular flat front with a slight drape of material to one side. Sizes 34, 36, 38, 40 and 42 inches bust measure.

1582—Women's Dress. Attractive dresses for around the home make housework seem easier. Sizes 34, 36, 38, 40, 42 and 44 inches bust measure.

1374—Women's Dress. This style combines the low waistline with the popular use of two materials very cleverly. Sizes 36, 38, 40 and 42 inches bust measure.

1580—Girl's Dress with Bloomers. This cunning garment combines a slip-on jumper dress with a pair of rompers. The dress may be slipped off while playing. Sizes 2, 4 and 6 years.

1570—Girls' Dress. Bertha collars have invaded the very young girl's fashion domain. Sizes 8, 10, 12 and 14 years.

1436—Women's Dress. The novel combination of two materials gives the effect of a separate jacket and skirt while in reality it is a one-piece dress.

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.—Advertisement.

Had Your Iron Today?



Good November Food For Men on Farms

The reading of newspapers and farm journals in easy chairs calls for different kinds of food than plowing days require.

Inactivity is particularly the foe of good health on the farm.

You need foods then that tend to do what exercise does during busy times.

Stewed Raisins are luscious and effective

Stewed raisins served with cream is a most delicious breakfast fruit dish, and one that brings real winter benefits.

Eat them frequently when exercise is lacking. For raisins are 75 per cent fruit sugar in practically predigested form.

And this sugar and the raisin skins make a mildly laxative food that's the most effective natural fruit-laxative we know.

Raisins furnish food-iron also—fine food for the blood.

You need but a tiny bit of iron daily but that need is vital. Stewed raisins will help you get your daily portion of it in a most attractive way.

The fact is, you will like this dish so well that it will be your regular morning fruit-food the year round.

Try it now and note how delicious. Try it every morning for ten days as a test. Decide then if it's also a health food that you need.

Always ask for

Sun-Maid Raisins

Get delicious Sun-Maid Seedless Raisins from your grocer. Stew them as directed in the column to the left.

Mail coupon for valuable free book, "Sun-Maid Recipes," describing scores of other luscious raisin foods.

Sun-Maid Raisin Growers

Membership 15,000

DEPT. B-2411, FRESNO, CALIFORNIA

CUT THIS OUT AND SEND

Sun-Maid Raisins Growers,
Dept. B-2411, Fresno, Calif.

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

Name.....

Street.....

City.....State.....

Preserves the Best Products

(Third Prize)

In solving the market problem for our great crop of fruit both wild and tame I have done a great deal of canning for home use as well as for many of my friends. In my more than 25 years of canning experience, I have learned no more useful lesson than the value of a standardized product.

For my family of six—three children under 10 years—I find I require about 30 dozen jars of the various sizes for my year's supply. I refill my jars with beef and late fruits, so that we have about 500 jars to be used largely during the six colder months.

I know this is at least 500 short of what we are told should be the minimum for the average family, but if the average family spent the hours in hotbeds and cold frames that we do, insuring early and late supplies of tomatoes, cabbage, cauliflower, sweet peppers, head lettuce and winter radishes, I am sure this estimate would be greatly reduced. Then there is the "apple a day" but who ever heard of limiting a farm boy to an apple a day when there were more in the barrel?

Pressure Cooker a Big Help

My upkeep on this supply of about 500 jars, buying my rubbers at wholesale, is about \$6 a year. I use steam pressure for canning all meats and vegetables and consider the medium sized aluminum pressure cooker one of the most useful and economical utensils a farm woman can own. Many of the fruits, however, I prefer to can by the open kettle method, unless I am canning in tin. I wonder sometimes if canning in tin is not the coming method. With proper equipment it has many advantages over glass. I think peaches, apricots and pears

are all improved by slow cooking in a sirup, while grapes are better cooked in the jars with just boiling water poured over them, and then boiling sirup. Cherries are toughened by the regular "cold pack" method. Plums are improved by taking the first juice for jelly and then adding more sirup to can the fruit.

I apportion my jars of food about as follows, allowing a little of some things in good years, and less in poor ones. I have about 2 dozen jars each of the five berry fruits, sweet and sour cherries, plums, peas and beans, 3 dozen jars of corn and 4 dozen jars each of tomatoes, peaches and pears, with a few jars of rhubarb, asparagus, apricots and grapes. I always have a few jars of fruit preserves and butter—not the old-fashioned thick butter, but a fifty-fifty mixture of crushed fruit and sugar sealed without heating when possible.

Special Foods for Holidays

We also like bottled juices. Then there must be a glass of either plum, grape or currant jelly for every Sunday dinner and holidays, and a jar of either spiced pears or peaches.

And for the lean years of which there are not many in this fruit section, I always have a few jars of what grandmother "back East" considered an indispensable fruit, the quince. A few spoonfuls of this, will when added to melon rind, citron, ground cherry or apple raise them to a "place in the sun" on the company shelf.

When a shortage is felt, a few 10 pound boxes of prunes, raisins or white figs soaked and canned as other fruit makes an inexpensive and healthful substitute for the children. So even my lean years are standardized. "Verily my cup (board) runneth over."

Mrs. Bertha Murrow.
Biteley, Mich.

Stewed Raisins

One package Sun-Maid Raisins; 1 slice orange or lemon rind; 2 cups cold water.

Put raisins and water in saucepan and bring to boiling point. Add slice of orange or lemon and cook for 30 minutes. Sugar may be added, but it is not necessary. Stewed raisins being very rich should be served in small portions.

Sun-Maid Raisins should cost you no more than the following prices:

Seeded (in 15 oz. blue pkge.)—20c

Seedless (in 15 oz. red pkge.)—18c

Seeded or Seedless (11 oz.)—15c



Red package (Seedless) best for stewing.

1847 ROGERS BROS. SILVERPLATE

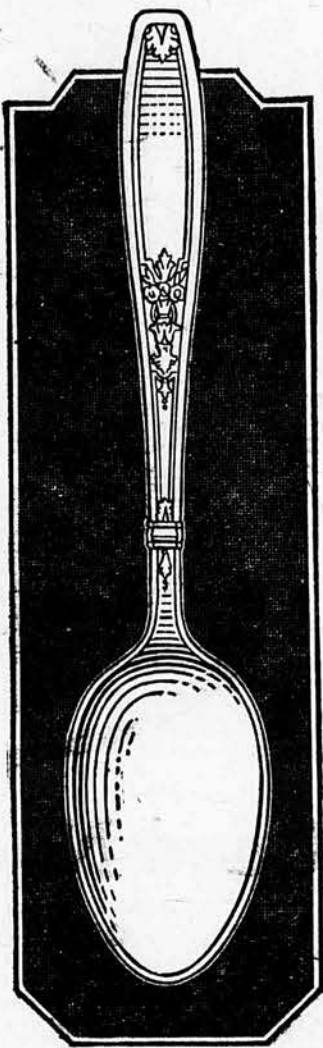


*Extra silver
for the table*

IT costs so little to have the few extra serving pieces in 1847 Rogers Bros. Silverplate—such as cold meat fork, berry spoon, individual salad forks, round bowl soup spoons, etc.

Your guests recognize the worthiness of this familiar brand of silverplate which this year celebrates its Seventy-fifth Anniversary.

Your dealer will show you the decorated chests and gift boxes in which special assortments and serving pieces are packaged this year, without extra charge. Be sure to see them.



AMBASSADOR Pattern

For illustrations of many attractive patterns, write for folder X-75 to International Silver Co., Meriden, Conn.

INTERNATIONAL SILVER CO.



SUNFLOWER

Can You Spell?

Here is a chance to test your skill at spelling. See how many words you can make from the flower of our state. The one who submits the largest list of correct words will win a cash prize.

TRY IT! WIN \$25.00

The Kansas Farmer and Mail and Breeze will give a prize of \$25.00 in cash to the person who sends in the largest list of correctly spelled words made from the word "SUNFLOWER" providing the list is accompanied by 25 cents to cover a three months subscription to the Kansas Farmer and Mail and Breeze. That's not all—every person who submits a list of words accompanied by 25 cents to cover a three months subscription to the above mentioned paper, whether they win the \$25.00 prize or not, will receive a prize.

FOLLOW THESE RULES:

Anyone living in the United States may submit an answer, except no answers will be accepted from employees of the Capper Publications, residents of Topeka, or former cash prize winners in any picture or word spelling clubs conducted by the Capper Publications. Write as plainly as you can. Place your name and complete address at the top of the list. Number the words 1, 2, 3, 4, etc. Make as many words as you can out of "SUNFLOWER." A few of the words you can make are, sun, flower, run, low, flow, etc. Do not use more letters in the same word than there are in "SUNFLOWER." Proper names, prefixes, suffixes, obsolete and foreign words will not be counted. Words spelled alike but with different meanings will be accepted as one word. Your list will not be accepted in this spelling club unless it is accompanied by 25 cents to cover a three months subscription to the Kansas Farmer and Mail and Breeze. In the event of a tie between two or more club members, each tying club member will receive a prize of the same value in all respects to that tied for. This spelling club closes December 16, 1922, and as soon as your list of words with remittance is received we will acknowledge the order and the winner of the contest will be announced as soon after the closing date as the three judges can determine to the best of their ability who has submitted the largest list of correctly spelled words. Each participant agrees to accept the decision of the judges as final and conclusive. Webster's new International dictionary will be used as authority.

KANSAS FARMER AND MAIL AND BREEZE, TOPEKA, KANSAS.

Happy Thoughts for Gray Days

BY IRENE JUDY

I recently participated in a contest at a two weeks autumn sale that was held by one of the merchants in our little town. Votes were given with each purchase and a beautiful walnut bedroom suite was given to the lady who received the most votes. One contestant, who had been at the top for several days, withdrew the



second week because she had fallen to sixth place. Altho the whole thing was fair and square in every way, another lady, who could not grasp the workings of such a contest, finally withdrew, declaring she had not been treated fairly.

Now I am not going to tell how I made a rapid climb and won the suite, because I did not carry off the prize. I suppose I should have been disappointed (I know one contestant who was dreadfully so) but I was not. The truth is, I had a lot of fun, learned many interesting things about the ins and outs of a contest I had not known before, realized more than ever, how numerous were my friends, and made a new one in the manager of the sale. Somehow this contest reminds me of the game of life. It seems human

which have taken so much of my nerves with their constantly breaking threads. To make them cut your linen squares, and with the machine stitch around the outer edge of each square to keep it from raveling.

Next put on an iron, set up your ironing board, and double your strip of bias tape in the middle and press it hard. After the pressing, insert the edges of the linen into the folded tape, baste the tape on, paying special attention to the corners, then using a fine black thread on the machine, stitch this bias tape hem on and you will have one Christmas present finished. A 2-inch strip of the folded tape placed in one corner in a right angled V adds a bit to the handkerchief.

Makes Pretty Curtains

Mother has been complaining all fall that her kitchen curtains are nearly worn out. Before my trip to the city I secretly measured those windows thinking I would try to pick up some curtain material remnant. When I saw the bias tape the remnant idea cleared right out of my head, and I bought some cheesecloth and tape.

Before making the curtains I shrunk the cloth by soaking it in a pail of hot water then spread it over the quilt frame to dry. After proper pressing, I cut the curtains, two to the window. I allowed no hem, but turned the raw edge in, covered it with deep pink bias tape about 3/4 inch wide, then added two more rows of tape, each row being a little narrower in width than the first.

Some unbleached muslin which I had left over from other sewing I brought out, pressed, and made up into an apron and a small table cover. For the apron I chose a pattern I liked, bound all the raw edges with the tape, and trimmed the pockets and the bib part with vertical strips

Need of More Rural Libraries

ALL states have legal provisions for public libraries in cities and towns, but there are still several which have made no provision for rural public libraries. The form of library organization which is generally urged as best for providing rural library facilities is the county system; and within the last five years one-half of the states have passed important county library laws. Of these, 17 were new enactments on the subject, and the remaining seven were amendments of older acts.

The following states now have laws authorizing the establishment and maintenance of county free libraries: Alabama, California, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Jersey, New York, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, West Virginia, Wisconsin, and Wyoming—29 in all. In the New England states, rural communities are served by town libraries, and there would therefore seem to be little or no need for county systems in that section of the country.

Laws of the county type usually provide for the maintenance of a central library at the county seat or other important center and of branches in outlying towns. A county library board is generally provided for, and this board is authorized either to erect a new library or to contract with one already existing in a city or town for the extension of its service thruout the county. Laws also provide for or contemplate traveling collections of books and distributing stations at school houses and like strategic points.

nature for folks in this world to want to win the bedroom suites of riches and fame. Not all of us, however, can carry off the big prizes, but everyone can have a lot of fun trying, learn each day many interesting things he has not known before, realize the blessedness of unnumbered friends, and make a new one at every turn of the way. Some disappointments are certain to come but if the contestant would find joy in the game, he must make up his mind to be a good loser and above all things, never to be a quitter or a kicker.

Bias Tape and the Gift Box

Bias tape is going to make most of my Christmas presents this year. I saw some of the cleverest things in the city last week made of this tape and at little expense. When I came home I carried a bag full of it, linen for handkerchiefs, and some linene for undergarments. I forgot to add that I bought some cheesecloth too, but I'll tell you more about it.

The handkerchiefs? Green and blue and pink and lavender linen handkerchiefs edged with a narrow hem of black bias tape filled one whole window. These handkerchiefs were just as dainty as the drawn thread ones

of tape of varying length sewed on flat.

The tablecloth I finished in the same way I did mother's curtains, only of course I finished all four sides.

A good sized scrap of rose and blue cretonne made another pretty apron by trimming it with rose colored bias tape.

Ice tea sets consisting of an 8-inch square to cover the pitcher, four to six 3 inch squares to cover the glasses, a dresser set with bed linen to match, table runners, a porch swing set, lounge cushion tops, small doilies for covering the bottom of the fruit basket, a luncheon set, half a dozen hot dish holders, and even some dainty undergarments made up of bias tape combined with some of my left overs of some simple, inexpensive materials. are filling up my Christmas drawer.

Use Your Head

A woodpecker pecks out a great many specks of sawdust when building a hut; He works like a nigger to make the hole bigger; He's sore if his cutter won't cut. He doesn't hurry nor yet does he worry. But there's one thing can rightly be said—The whole excavation has this explanation. He builds it by using his head.

—Harlam Davis.

Health in the Family

Don't Be Afraid to Consult Your Doctor

BY DR. CHARLES H. LERRIGO

SOME people think that mental agony serves very excellent disciplinary purposes. Perhaps it does but it also serves to wreck physical health, for there is no such thing as continued good health in a body ruined by a torn and bleeding mind. I am not prepared to say that distress of mind can always be lifted. That depends upon the cause of the distress and the nature and mental strength of the subject. But most mental distress can be lightened if not entirely cleared up by the simple process of facing it clearly and calmly, looking the bogey squarely in the face and resolving to do everything that is humanly possible to dispel it and then leave the results with a wise and loving God.

I am prompted to these remarks because of the many letters from folks who are miserable about matters that they are trying to conceal from everyone. Here is a woman who has been tormented for years by the fear that she has a cancer. She has never consulted a doctor for fear that he would send her to a hospital, but for nearly 10 years she has carried day and night a terrible dread lest a certain excrescence is cancer. An appeal to a doctor at any time in that decade of torment would have lifted her fear.

A man who has stepped aside from the straight way in his youth writes of his dread lest certain deficiencies manifest in his little 12-year-old daughter are the result of his errors. Wife and mother, reaching the climactic fears that her symptoms, which she recognizes as natural enough, present a necessity.

Now comes a 21-year-old girl signing herself "Brokenhearted." She never has had immoral relations with any man, she has contracted no sex disease, but because she did allow too much familiarity she suffers mentally and physically, yet dare not consult a physician. All of these people are suffering the tortures of the damned and all of them might be relieved by a confidential talk with a man or woman trained to attend such matters.

They should face them out at once. The very act of confiding in an authority will ease their burden. If there is something to do they should be at it. If not, why worry?

Remedy for Carbuncles

What is good for carbuncles? I have been giving a great many and they just keep coming. What will prevent them?
A. R. M.

Are you sure that you do not have large boils instead of carbuncles. The treatment differs in some ways but in both it is necessary to build up the general resistance of the body by rest and nourishing food, have local treatment to clean up the ulcers and the administration of a serum to develop anti-bodies antagonistic to the pus germs.

The Farmiscope

Game to the Last

A country editor was dying, but when the doctor bent over, placed his ear to his breast, and said, "Poor man! Circulation almost gone!" the dying editor shouted: "You're a liar! We have the largest circulation in the county!"

Where Is She?

A man was arrested for speeding his motor in Youngstown, Ohio. He admitted speeding and said it was because he had just heard of a house for rent and he wanted to get there first.

Query—How fast would a fellow be allowed to drive if he was on his way to interview a good servant-girl who wanted a job?

Family Sentiment

Father—"But, my dear Dorothy, your husband already owes me a lot of money. I don't think he should expect me to lend him more."

Daughter—"Well, father, he has to get it somewhere, and he has a certain

sentiment about keeping his creditors in the family."

Correspondence School

Traveling Salesman—"Whom do you consider the smartest man in the village?"

Jed Hicksleigh—"Postmaster. He's the smartest feller hereabouts—speaks six languages."

Traveling Salesman—"Learned them in college, I presume."

Jed Hicksleigh—"No, he jes' kinda got onto 'em readin' postal cards."

Very Laconic

Two farmers met on a country road, and pulled up their teams.

"Si," said Josh, "I've got a mule with distemper. What did you give that one of yours when he had it?"

"Turpentine. Giddap!"

A week later they met again.

"Say, Si, I gave my mule turpentine, and it killed him."

"Killed mine, too. Giddap!"

Suspicious Sign

Mr. Roberts, a banker in a Western town, was very bald and was in the habit of wearing his hat in the bank

during business hours. Every week a negro employe of the bank presented a check and drew his wages. One day, as he was putting the money in a worn and greasy wallet, the banker chanced to pass by, and asked, "Look here, John, why don't you let some of that money stay in the bank and keep an account with us?" "Well, sah," replied the negro, leaning toward the banker and gazing curiously at the Panama hat he wore, "I see always afeared. You see, sah, you look like you was always ready to start somewhere."

Horrible Example

Overwork has killed a worker at a coal mine in Ohio. Millions will take warning from this.

A Discreet Bishop

A bishop was addressing a large assembly of Sunday-school children, and wound up by asking in a very condescending way: "And, now, is there any little boy or little girl who would like to ask me a question?" After a pause he repeated the question, whereupon a little shrill voice cried out, "Please, sir, why did the angels walk up and down Jacob's ladder when they had wings?" "Oh! ah, I see," said the bishop. "And now is there any little boy or girl who would like to answer Mary's question?"

Hard for Her

"I understand that in the new play Alice has quite a difficult part."

"Difficult? Why, she doesn't say a word."

"Well, isn't that difficult for Alice?"



Here's your stove polish!

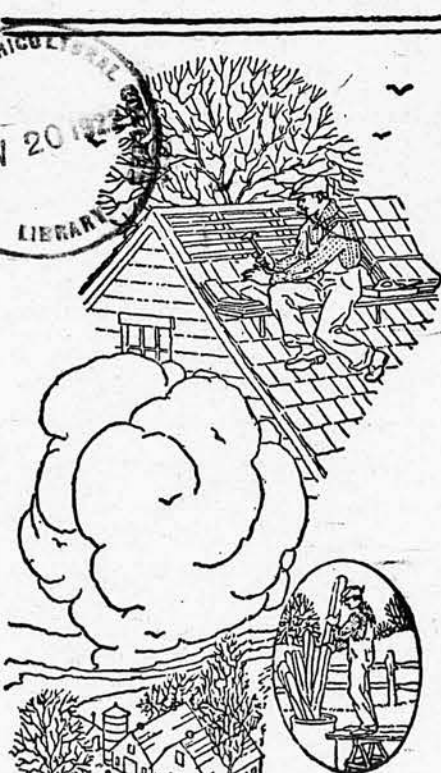
Here it is—the Stove Polish which, for 30 years, has stood alone in the field—the favored way to beauty and protection for your stove.

The majority of housewives prefer it because it is so easy to apply and outlasts all others. It anneals to the iron and will not rub off or dust off. When a salesman wants to show a stove to the very best advantage he uses Black Silk Stove Polish. Why not have it on yours? Get a can today. Money back if not the best you ever used.

Black Silk Stove Polish Works
Sterling, Illinois

BLACK SILK
STOVE POLISH
"A Shine in Every Drop"

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



"Preservation— The First Law of Nature"

Every good farmer protects the roofs of his buildings; creosotes wooden fence posts; and "saves the surface" of buildings with paint. Does every member of a modern farm family preserve the enamel of the teeth just as carefully? Brushing the teeth after each meal is a common sense investment in health.

Tooth enamel—the precious outer covering—is only about 1-32 of an inch thick on the grinding surfaces. A non-gritty dental cream will safely "wash" and polish this thin protective covering. (The United States Public Health Service warns against gritty dentifrices.) Once the enamel is broken or scoured away nature does not restore it.

COLGATE'S

Cleans Teeth the Right Way

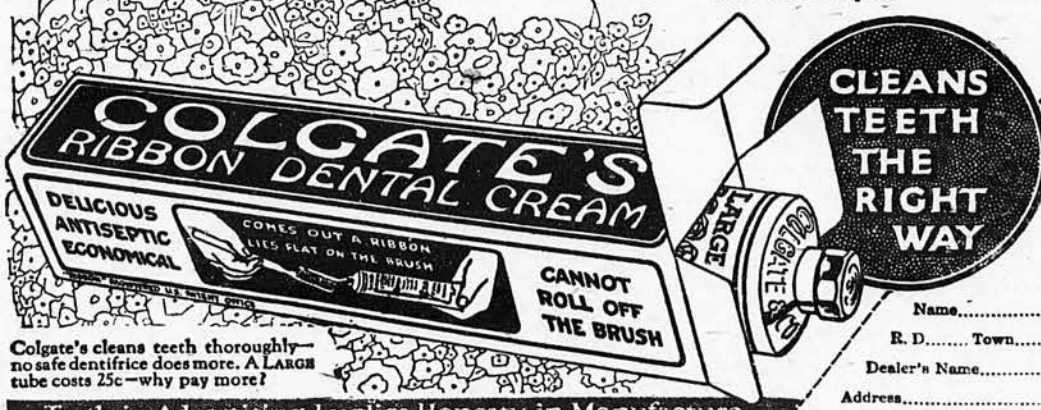
"Washes" and Polishes—Doesn't Scratch or Scour

Doctors agree that sickness is often prevented by keeping the teeth clean and sound. For "Good Teeth—Good Health" Colgate's Ribbon Dental Cream has just the common sense combination you need in a safe tooth cleanser. Young folks use it willingly and regularly after each meal because they like its delicious flavor.

Its specially prepared non-gritty chalk loosens clinging particles from the enamel.

Pure and mild its vegetable oil soap "washes" the teeth thoroughly clean.

If your store doesn't carry ALL the Colgate products below, send us the coupon.



Colgate's cleans teeth thoroughly—no safe dentifrice does more. A LARGE tube costs 25c—why pay more?

Truth in Advertising Implies Honesty in Manufacture

**CLEANS
TEETH
THE
RIGHT
WAY**

COLGATE
& CO.,
Farm Household,
Dept. 109
199 Fulton Street,
New York, N.Y.

Please send me samples of the following articles. I enclose amount of stamps shown for each one checked.

☐ Face Powder . . . 5c
☐ Baby Tale . . . 4c
☐ Rapid Shave Cream . . . 2c
☐ Ribbon Dental Cream . . . Free

Name.....

R. D..... Town..... State.....

Dealer's Name.....

Address.....

"Come on, Alice, you know Mother said we are going to have Kellogg's Corn Flakes for lunch. And that's the kind I like to eat about a whole box of, because they ain't tough to eat! Come on an' hurry up!"



Kellogg's Corn Flakes

are a taste thrill at meals or any time

That's because Kellogg's Corn Flakes are so deliciously flavored—the Kellogg flavor that is known all over the civilized world! You, as well as the little folks, can eat great bowlfuls of Kellogg's Corn Flakes day after day—and each sunny-brown, crispy, crunchy spoonful thrills the taste as though it was the first!

Put Kellogg's in comparison with imitation corn flakes! Kellogg's Corn Flakes are never tough or leathery or hard to eat! They are all-the-time crisp, all-the-time good! Don't miss such enjoyment!



Insist upon Kellogg's 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, cooked and krumbled

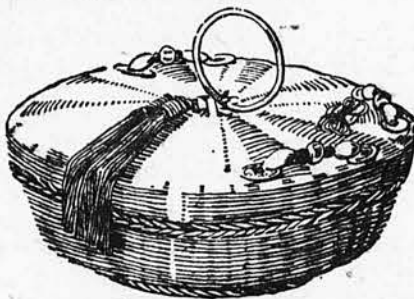
Chinese Fancywork Basket

A Beautiful Christmas Gift for Mother

This fancywork basket imported direct from China is hand made, with split bamboo body and cover and reinforced bottom. The cover is beautifully decorated with Chinese beads and coins, silk tassels, and large China ring handle. For a fancywork or handkerchief basket, it is ideal. These Chinese baskets are used extensively as Christmas gifts.

Free With a Club of Four

One of these Chinese fancywork baskets will be sent free and postpaid for a club of 4 one-year subscriptions to *Capper's Farmer* at 25c each, and 50c in cash—a \$1.50 remittance in all. Send your order right away, then you will get the basket in plenty of time to use for Christmas. **CAPPER'S FARMER, TOPEKA, KAN.**



Bovee Horizontal Furnaces

FOR BURNING WOOD. BURN ROUGH, COARSE, DRY OR GREEN WOOD four feet long without splitting. Save 75% of fuel cost.

FOR BURNING SOFT COAL. they are practically perfect, having SMOKE CONSUMING COAL GRATES. Two tons of coal will heat as much as three tons in the average furnace. Very easy to operate. Send for catalog and manufacturer's prices.

BOVEE FURNACE WORKS

188 West 8th Street

Waterloo, Iowa

CEZ HEADLIGHT

Makes Night Driving Safe

Be free from the danger of night driving. Equip your car with CEZ Automatic Headlights, the best safety device for Fords. Better than a spotlight. Safe, sane and lawful. Uses lamps now on your car. Completely meets requirements for light and safety.

Handy At Every Turn

A broad, diffused light is insured by the fact that the left lamp throws its beam in a line with the front wheels at all times. Right light remains stationary. Standstest under all conditions. Absolutely Guaranteed; money back after thirty days' use if not satisfied. Fits any model Ford. Installed in 30 minutes by anyone. No special tools required. No holes to bore. Full instructions with each device. Obtain one at your dealers or send \$5.00 for complete equipment and full instructions for installing.

ADMIRAL WELDING MACHINE CO.
1625 Locust Street, KANSAS CITY, MISSOURI

For Our Young Readers

"If I Were Going to Take a Trip This is Where I Should Like to Go"

(Prize Letter)

IF I could take a trip I should go to Washington, D. C. I should go there because I could see the United States—Capitol, the White House and the buildings in which the United States laws and government are made and carried on; also because Washington is the city that George Washington selected for our capital city and it is where all the Presidents have lived. It is a very beautiful city because there is a park at every corner. Yes, I am sure I should rather go to Washington, D. C., than to any other place I know about.
Burton, Kan. Glenys Green.

To See the Old World

Some day when I get rich I should like to go across the ocean and visit the Old World. The place that attracts me most is London. I should like to stay about a year there. I should stay at one of the large hotels and have somebody to show me all about the city.

I should visit the famous Westminster Abbey and the Bank of England. I should ride up the old crooked streets and visit the old castles, such

big wheat fields. And I should want to see Chile and the great nitrate fields there and how iodine is made.
Holly, Colo. Beatrice Cline.

Likes to Go to School

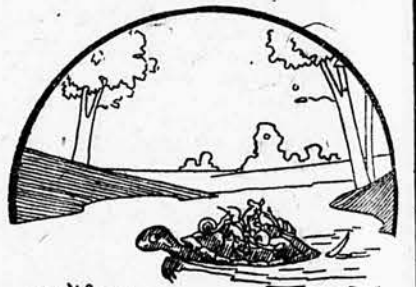
I am 7 years old and in the third grade. I like my teacher and I like to go to school. I live on a farm. I have a pet white rabbit and a lamb. I have a little colt, some pigs, chickens, a cat and some kittens. I would rather live on the farm than in town. I could not have my pets in town.
Clarence Emanuel.
Deer Creek, Okla.

Because of the Schools

Where would you go? I should go to Pensacola, Fla., because the schools have longer terms there and I could get a better education.
Nettie Johnson.
Collbran, Colo.

The Land of Flowers and Fruit

If I were to make a trip I should go to Florida, the land of flowers and fruit. I am very fond of oranges, and flowers are my best friends.
Holyrood, Kan. Elsie Belt.



Mr. Bine

OLD MAN TURTLE has worked up quite a business ferrying the little folks across the creek on his back.

To Visit New England

I should like to go to the seashore and woods of New England, to the summer resorts there, where you can bathe in the salt water and sail and fish and be cool, where you can hunt squirrels and flowers and wild animals in the woods. I should like to go about July 1 so I could spend the Fourth in one of the large cities.
Marjorie Snow.
Arcadia, Kan.

To New York I Should Go

If I could take a trip I should go to New York. If you went to New York you would be greatly interested in the streets. The long ones are called avenues. Some of them are not at all wide but are 6 miles long. One is called Broadway.

New York has a large church called Trinity Church. This has stood many years and once was one of the great sights of the city. One reason why New York is such a busy spot is because a little way up to the east is the great bridge over the East River called Brooklyn Bridge. To the west are the New Jersey ferries which land thousands of persons every few minutes during the busiest parts of the day.

Six o'clock in New York is worth

Can You Guess This Circus Puzzle?

EVERY one of the wagons of this circus contains a wild animal. Can you guess their names? If you can, send your answers to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be a package of postcards each for the first 10 boys or girls answering correctly.



seeing. There is such a crowd of people that you have to be careful or you will be run over. At this hour the newsboys are everywhere, and girls and women sell papers, too. New York also has beautiful parks. I think I should enjoy a trip to this city.

Atchison, Kan. Bernice Doole.

A Visit to the Capitol

If I could take a trip I should like to visit our state Capitol, to see the buildings, the governor and state officials the many relics, such as Indian arrows, tomahawks, bones of wild animals, and so on. I think it would be nice for all children to visit their state Capitol.

Orlando, Okla. Clarence Smith.

A Cunning Rabbit

Once I caught a bunny when she was a wee rabbit. I named her Bell R. I fed her grass, wheat tomatoes and milk. Our friends said they were surprised that we kept her because it was against a rabbit's nature to be shut in. We let her out some every day tho. Now she is grown.

She certainly is cunning. Sometimes she runs up stairs. One day she jumped on the table. She can jump as high as my head. I am 11 years old and in the sixth grade. I finished it last year but am reviewing it again.

Ivan Patterson.

Kingman, Kan.

To California I Should Go

I should like to go to California and see the fruit orchards and the ranches and the mountains and the ocean. I should like to go to the shore and watch the ships come in and load and leave. I should like to pick up shells and bring them home with me to show my friends. I also should like to see the big cities and visit their factories.

New Albany, Kan. Julia Ward.

Into the Rocky Mountains

If I could take a trip I should go to Colorado and into the Rocky Mountains where my father's gold mine is situated. I should first go to the quiet little town of Pinedale at the foot of the mountains and pitch my tent among the pine trees. Then I should fish in the beautiful stream which flows down the mountain and thru the town.

Why would I go? To help my father while he mines and to have a good time and to enjoy nature.

Drift Hinshaw.

Deerfield, Kan.

Where School Books are Made

If I could take a trip I should go to Topeka and watch folks print the school books and the Kansas Farmer and Mail and Breeze.

Edith Kelley.

Greensburg, Kan.

Tricky, Sport and Queen

I am 12 years old and in the ninth grade. I have two sisters and one brother. We milk 11 cows. I milk two of them every morning and evening. We have Rhode Island Red chickens. We have two dogs named Tricky and Sport. We have a kitten named Queen. We live 12 miles from town.

Cedar Point, Kan. Hope Patton.

Fun Playing Baseball

I am 11 years old and walk 2 miles to school. I am in the fifth grade. We have lots of fun playing baseball. I have two pets, a dog named Ted and a chicken named Pet. I have lots of fun playing with them. During vacation I helped my father on the farm and got 25 cents a day. I enjoy reading the letters on this page very much.

Samuel Hermann.

N. Topeka, Kan.



To Keep You Guessing

Read these riddles aloud to the family and, withholding the answers, see how many can guess them.

Why is a straw hat like a kiss over the telephone? Because it isn't felt.

If a donkey is on one side of a river and some grass on the other side and there is no bridge across the river, what is the donkey going to do? Well, do you give it up? So did he.

Why is hot bread like a caterpillar?

Puzzle Winners

Solution October 21 puzzle (What are the only creatures able to swallow objects larger than themselves?): Snakes. The winners are: Jeanette Carlson, Zelda Harper, Sanford Marshall, Margaret Johnson, Albert Johnson, Jr., Dorothy Allen, Arthur Lansbury, Alice Record, Anna Reich, Maxine Brown, Minnie Lehrling, Herbert Totten, Emma Williams, Zelma Hancock and Zane Smith.

Solution October 28 puzzle (What plant, when wounded, flows a milky juice which soon hardens, thus protecting the wound from germs?): Milkweed. The winners are: Ruth Warburton, Luellen Dee Munson, Gladys Stoval, Jetta Tompkins, Wayne Guthrie, Anna Jones, Isabella, Robert Jones, Mary Lou Norris, Etta Alderson, Hazel Day, Hazel Wood, Russel Connet, Fern Warren, Opal Pipkin, Don Fox, Anna Eliza Brown, Linnie Alma McCormick, Leroy Willis and Avis Merryfield.

Because it's the grub that makes the butter fly.

Can you tell the difference between a pair of pants and a pie? A pair of pants has to be cut before it can be made, but a pie has to be made before it can be cut.

What contains more feet in winter than in summer? A skating rink.



When a Feller Needs a Friend!

BEST For a Generation



BEST BY TEST

American housewives are using Calumet Baking Powder today with the same success that their mothers experienced over a third of a century ago. This perpetual growth of favor has made



CALUMET

The Economy BAKING POWDER

—sales over 150% greater than that of any other brand.

There isn't a baking powder of greater merit—there isn't a leavener obtainable that will produce more satisfactory or positive results. That's why the largest baking powder factories in the world are always busy turning out enough Calumet to supply the great demand.

A pound can of Calumet contains full 16 ounces. Some baking powders come in 12 ounce instead of 16 ounce cans. Be sure you get a pound when you want it.

THE WORLD'S GREATEST BAKING POWDER

Aspirin

Say "Bayer" and Insist!



Unless you see the name "Bayer" on package or on tablets you are not getting the genuine Bayer product prescribed by physicians over twenty-two years and proved safe by millions for

Colds	Headache
Toothache	Lumbago
Earache	Rheumatism
Neuralgia	Pain, Pain

Accept "Bayer Tablets of Aspirin" only. Each unbroken package contains proper directions. Handy boxes of twelve tablets cost few cents. Drug-gists also sell bottles of 24 and 100. Aspirin is the trade mark of Bayer Manufacture of Monoaceticacidester of Salicylic acid.

Get Jim Brown's new FACTORY PRICES

Write quick for my big new book of money-saving factory prices on highest quality Fences, Gates, Steel Posts, Paints, Roofing, FREIGHT PREPAID. Don't pay a penny more than Jim Brown's factory prices. Highest Quality, backed by guarantee. Write for 104-page money-saving bargain book. Brown Fence & V. Co., Dept. 2402 Cleveland, O.

"Saved \$86.00 on my order. I paid you \$75 per rod and fence here no better in \$8 4 cts." Charles Howe, St. Louis, Mo.

FENCE GATES POSTS ROOFING PAINT

TIGHT GATES NOW

Convert your sagging barbed wire gap into an efficient, tightly drawn gate. Ideal for gap in hog-tight fence. Quickly spiked to round or square post.

QUICK GATE FASTENER

is tightened or released by simple eccentric lever. A child can operate. Makes an efficient, economical gate. High grade materials. Order one or more from your dealer or this ad. Return in 10 days if unsatisfactory and money will be refunded.

National Farm Utilities Co.
535 Peters Trust Bldg.,
Omaha, Nebraska

Specially priced to introduce.
\$1.85

NEW KEROSENE LIGHT BURNS

94% AIR

Beats Gas or Electricity

TEN DAYS' FREE TRIAL

Over 3,000,000 Satisfied Users

Make your home bright and cheerful, saving half on oil. Scientific tests prove this wonderful new Aladdin five times as efficient as the best round wick open flame lamps. Sixty candle power pure white light for 50 hours on a gallon of common kerosene. No odor, smoke, noise or pumping up. Won't explode. Guaranteed. Prove to yourself by free trial that Aladdin has no equal as a white light. If not satisfied return at our expense.

Get Yours Free We want one user in each locality to whom customers can be referred. In that way you may get your own without cost. Be the fortunate one to write first for 10 day free trial offer and learn how to get one free.

\$1,000 REWARD Will be given to anyone showing us an oil lamp equal to this Aladdin in every way. (Full details of offer given in circular.)

Agents Wanted To demonstrate the Aladdin in territory where oil lamps are used. Experience or capital unnecessary. Many agents average five lamps a day and make \$500 a month. Write quick for territory and samples.

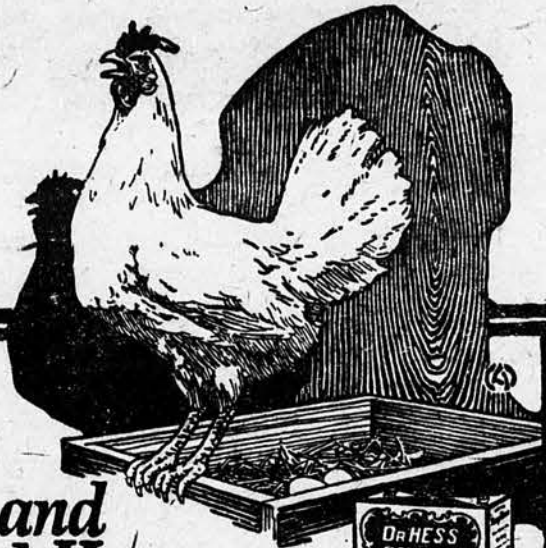
THE MANTLE LAMP COMPANY OF AMERICA
309 Aladdin Bldg., 609 W. Lake St., Chicago, U. S. A.

States Have Not Met All of Their Obligations to Childhood

BY THOMAS E. FINEGAN

NOTWITHSTANDING the fact that nearly every state has put into its constitution the fundamental principle of the state's obligation in public education, there is not a state in the Union which has yet complied with these plain provisions and given to the boys and girls an equality of opportunity in education. Those who live in the country districts have not been provided facilities for obtaining an education which are in any respect the equal of the facilities which have generally been provided in all populous centers.

There is no other institution in America which has made so little progress in the last century as the rural school. Is this great, rich Nation to tolerate this condition of affairs for another century? Or shall we comply with the plain demands which have been determined to be the American policy in education?



Start Your Pullets and Moulting Hens to Laying

You have had your summer's poultry cares.

Now is the time for you to cash in on eggs.

Go after those dormant egg organs that moulting threw out of gear.

Go after them with the "Old Reliable"

Dr. Hess Poultry PAN-A-CE-A

Pan-a-ce-a puts the egg organs to work.

It starts the feed the egg way.

Feed Pan-a-ce-a—then you will see red combs and red wattles.

It brings back the song and scratch and cackle.

It gives hens pep.

It makes music in your poultry yard.

That's when the eggs come.

Tell your dealer how many hens you have.

There's a right-size package for every flock
100 hens, the 12-lb. pkg. 200 hens, the 25-lb. pail
60 hens, the 5-lb. pkg. 500 hens, the 100-lb. drum
For fewer hens, there is a smaller package.

GUARANTEED

DR. HESS & CLARK Ashland, O.



I spent 30 years in perfecting Pan-a-ce-a.
GILBERT HESS
M.D., D.V.S.

Dr. Hess Instant Louse Killer Kills Lice

COAL

Buy your winter's coal supply now. Don't take chances on coal prices this winter. Strike conditions have caused a serious shortage. A coal famine threatens. When firms, manufacturers, homes bid against each other coal prices will soar. Guard your home against a coal shortage, your pocketbook against exorbitant prices by ordering coal direct. Our new way of selling coal.

Direct From Mine To You SAVES

"Centerville Lump"

makes a hotter fire, holds fire longer, stores better—doesn't slack, burns to a fine, white ash—no cinders. Quality and delivery fully guaranteed. Early orders will be filled first as heavy demand surpasses our production. Be on the safe side, order your coal now, save 33-1/3 per cent or more. Write for circular and special low prices today.

CONSUMERS COAL COMPANY
220 Main St. Centerville, Iowa



Purebred!

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

Swat the Scrubs

Unbounded Faith

Years ago Grandmother learned that the secret of health is to keep the powers of resistance strong. That is why her faith in

Scott's Emulsion

remains unbounded. For fifty years it has had world-wide recognition as a tonic which is rich in health-building vitamins, to nourish and help keep the powers of resistance strong.

Scott & Bowne, Bloomfield, N. J. 22 44



America's Pioneer Dog Remedies

Book On DOG DISEASES And How to Feed

Mailed free to any address by the Author.
H. Clay Glover Co., Inc.
129 W. 24th St., New York

THE NEW 1923

X-RAY INCUBATOR

New patented combination walls—greatest incubator improvement ever made. Steady, even heat. Positively automatic. New 1923 X-Ray Book Tells Story. Free. X-RAY INCUBATOR COMPANY
1115 Des Moines St. Des Moines, Ia.

When writing advertisers mention this paper

Curb to Maternal Ambition

Broody Hens Often Need Heroic Treatment

BY SAMUEL RISKROW

A HEN, in whom the maternal instincts get the upper hand to such an extent that she no longer is interested in running with her companions, but seeks to hide away in some dark nest and sit contentedly on eggs, can be brought to reconsider her action and definitely to abandon it within two or three days.

Charles M. Swan, poultryman of Leavenworth county, is authority for that statement, and backs it up with an apparatus which he claims is as nearly infallible in this respect as any instrumentality of which he has knowledge.

This mechanism for working reformation in the desires of a hen is simple and is based on a trait characteristic of a feathered female. The pressing ambition of a setting hen is to "warm up" a nest. She prefers to have eggs under her, but she will sit, nevertheless, on a nest in which there are no eggs. Her desire is to sit, not to stand up.

Unable to realize this quite laudable ambition the hen soon loses whatever interest she may have had in bringing into this world a flock of downy infants.

A coop, supported by four upright legs, as shown in the photograph reproduced herewith, is successfully used by Mr. Swan in "breaking up" setting hens. The coop has a slatted bottom, sides and top. The hen cannot sit down with any comfort. If she finally

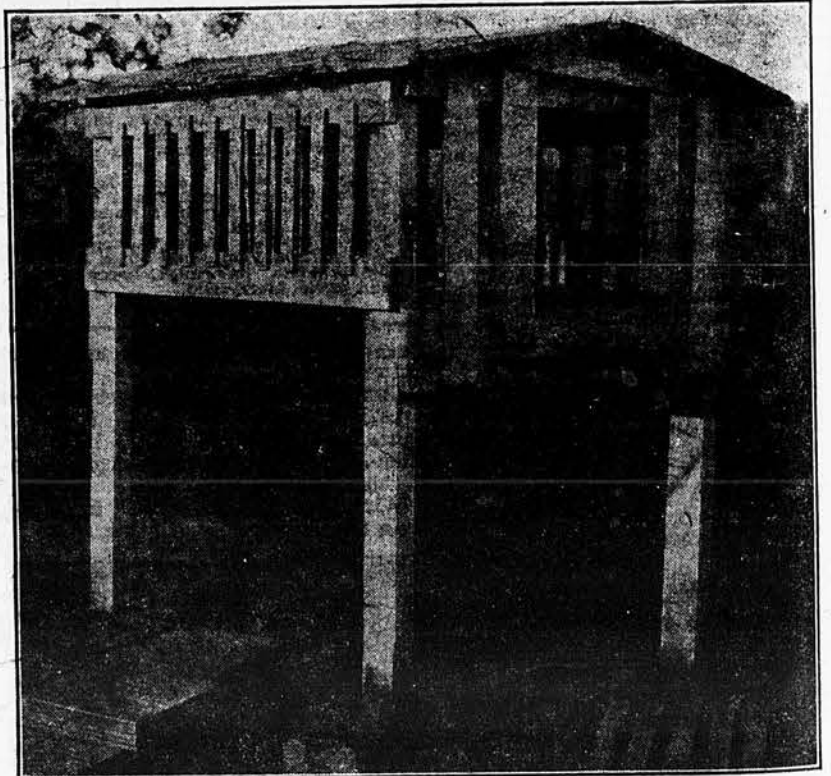
achieves the feat she is unable to warm up the nest because air circulates freely from beneath. Probably she is defeated in both attempts.

If there is one thing repugnant to a hen with the desire to sit it is to have to stand up all day. The sitting hen quickly becomes discouraged. Usually by the end of the second day she is willing to abandon her ambition and to resume her casual position as a member of the general flock.

"The danger with many methods of 'breaking up' a sitting hen," said Mr. Swan, "is that the hen is injured or roughly treated and as a result will not quickly resume laying. The slatted coop method does not have this costly effect."

Broilers are fattened in the slatted coop more successfully than in any other, Mr. Swan says. They get plenty of fresh air, are kept cool and are given all the feed they will eat. A feed bunker extends along one side of the coop. Swan uses the coop in fattening all of his broilers and has obtained better results than where they were finished in a pen.

The coop is made of 1/2 or 1-inch boards, the slats being about 2 inches wide, with an air space between almost as wide. The top is well above the heads of the fowls. The pen easily is kept clean because all droppings fall to the ground and the free circulation of air tends to keep down odors.



Probe Difference in Price

The Saline County Motor Car Dealers' Association, with headquarters in Salina, has taken up the matter of wheat prices in Saline county, farmers for several years complaining that the nearby towns invariably paid higher prices for the grain than the Salina mills and elevators.

The report was found to be true recently when the Robinson mills were paying 98 cents, the Shellabarger mills 95 cents and the Western Star mills 97 cents. The Weber mills were not quoted and the Lee mills were not buying because of the building program.

In the country on the same day Bavaria was paying 98 cents, Smolan 96 cents, Falun 97 cents, Assaria 98 cents, Gypsum \$1.03, Klipp \$1, Brookville \$1.02, Hedville \$1.03, Solomon \$1, and New Cambria \$1.03.

Irrigation, and More Apples

W. H. Kozel, owning a farm in Washington county, planted 17 acres to apple orchard several years ago, with a view of testing out the possibilities of fruit raising. This year he sold 3,500 bushels of apples from this orchard.

He irrigates with a pipe line from Mill Creek near by, and from two wells 45 feet deep, which never have run out of water. Two gas engines of one and one-half horsepower each are used to do the pumping. He used 25,000 gallons of water daily for 60 days last summer.

Invest Safely and Profitably

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

Get Cow Barn Ready Now

Cold Weather May Come Without Any Warning

BY J. H. FRANDSEN

WE ARE still having nice fall weather, but before long that touch of really cold rain or snow will be here and our cows must be sheltered. The chances are that the few little odds and ends that we had planned to have repaired during the summer have not had attention. To avoid the unpleasantness of this work coming at the most disagreeable time of the year, it is better to go over the barn now, ascertaining just what repairs are needed, so that it may be all ready when the rush of the first wintery day comes along.

In addition to making the needed repairs, such as broken stanchions, the loose hinge, the broken pane of glass in the window and adjusting the litter carrier and track so that it runs smoothly, it is a good plan to have all cobwebs brushed off, and the barn thoroughly disinfected and whitewashed before the cows go in for the season. The disinfectant will reduce the danger of spreading disease, such as tuberculosis, abortion, pneumonia and other ailments, and the whitewash will sweeten and remove undesirable odors, besides presenting a much more attractive appearance.

One of the most satisfactory whitewashes is the one generally known as the Government formula, which is made as follows: Mix 1 bushel of quicklime with about 12 gallons of water; add to this 2 gallons of hot water, in which has been dissolved 2 pounds of salt, 1 pound of zinc sulfate; and then add 2 gallons of skim-milk. Let the mixture stand in a container a short time before using.

A Great Guernsey Cow

It is seldom, indeed, that one cow annexes first place in both the Roll of Honor and Class Leaders, but such a feat has been accomplished by Norman's Missaukee Red Rose. She was formerly owned and her test was com-

was made eight years ago. Mr. Smith had never done any advanced register testing before 1921, as it has been his intention to wait until he had the proper facilities.

In February, 1921, when Norman's Missaukee Red Rose freshened, he noted the necessity of giving this cow a chance. The result was her record of 15122.3 pounds of milk and 760.72 pounds of butterfat, which in itself is a creditable record, but in the hands of a man whose first testing was with this animal, it was really an enviable record. It was estimated at the end of her test that she weighed between 1,300 and 1,450 pounds. Her length and depth of body were especially notable and the udder is well proportioned.

Mr. Smith personally manages and feeds the test cows and he alone milked this great Guernsey producer. Her sire is Norman of Chesney Farms and her dam was Alvira's Glenwood Queen. At the Western National Sale, held at Wheaton, Ill., May 11, 1922, Norman's Missaukee Red Rose was sold to W. E. Wright, Mountrose Farm, Akron, Ohio, for \$2,550.

New Leaflet on Clean Milk

A leaflet on clean milk, showing that milk of high quality may be easily produced by following a few simple rules, has been issued by the Dairy Division of the United States Department of Agriculture. To produce milk clean enough to meet all the requirements of city inspection is chiefly a matter of carefulness, and the methods are not difficult to understand or especially hard to carry out for anyone who has the inclination.

The leaflet emphasizes: First, clean, healthy cows; second, sterilization of milk utensils; third, use small-top milking pails; and fourth, cool milk promptly. Each subject is illustrated, and references are given to bulletins which explain it further. "Keep milk clean, covered, cold," is the concluding advice.

Why Milk is Our Best Food

- 1—Milk strengthens the body to resist disease.
- 2—Milk contains lime which helps build healthy teeth.
- 3—Milk helps keep the digestive tract in a proper condition.
- 4—Milk contains the vitamins needed for growth and health.
- 5—Milk supplies the fuel the body needs to perform its work.
- 6—Milk helps repair the wear and tear of the body.
- 7—Milk builds strong bones.
- 8—Milk prevents malnutrition among children.
- 9—Milk gives proper balance to a diet and insures the greatest efficiency.
- 10—Milk gives more food value for less cost than any other food.



Missaukee Red Rose

pleted by Arthur M. Smith, of Lake City, Mich., who is a retired Presbyterian minister.

When it became necessary, on account of poor health, for Mr. Smith to give up his previous calling, he invested his savings in 280 acres of unimproved land in Missaukee county, North Central Michigan. This move

Milk Costs Will Vary Greatly

PROFITS in the production of milk depend on the difference between the cost and the selling price. With the growth in dairying in Kansas is essential that more study should be given to the factors of cost by the producers. In general the prices for milk or butterfat in this state have never been high enough.

Much progress has been made in working out balanced rations and in the elimination of boarder cows. The cow testing associations have been in the lead in this work. More than this, we have been favored by low-priced alfalfa silage and mill feeds—feeding costs are lower in Kansas than in the leading dairy sections of the East, such as Southern Wisconsin for example. This is the basis for the huge growth in dairying which is coming in this state. But here are some other things to consider: First, labor costs; second, bedding costs; third, miscellaneous costs, such as building and equipment costs, including depreciation, insurance, upkeep and repairs, milk hauling, feed grinding, veterinarian; fourth, the unit requirements in terms of pounds of feed and bedding and hours of labor per cow and for the production of 100 pounds of milk. The tester obtains the necessary data for determining the unit requirement for feed, but seldom uses it; fifth, manure, calves, and miscellaneous returns to the producing herd; sixth, net profits or losses of the farm business.

These things are fundamental. Costs always are. The future of dairying depends on the skill with which we work out the factors which they cover. In general, the big thing is for dairymen to produce a quality product, and then demand ample pay for it.

Car Shortage Facts

For Kansas Patrons of the Santa Fe Railway

President Storey Tells What the Santa Fe Has Done, Is Doing and Will Do to Relieve the Situation

The Santa Fe Railway is doing everything in its power to move the 1922 wheat crop—half of which still is on the farm. It may be worth while to show here what this company already has done in Kansas during the first nine months of 1922.

From January to September, inclusive, which period includes three months of the nation-wide strike of shopmen, for which we were in no way responsible, the Santa Fe handled 58,117 cars of Kansas grain and grain products. This was only one-fifth less than in 1921, when cars were plentiful and other business in the United States was at a minimum, and it was nearly 23,000 cars more than in the year 1920, and 21,000 more than in 1919.

While they have been reasonable in their demands, and patient, farmers, grain dealers and millers feel that they ought to have more cars. It is the business of the railroads to furnish equipment when needed, and we have done our best in the present emergency. We ordered early this year 2,000 additional box cars, and, within a month, 2,000 other cars available for wheat loading, making a total of 4,000 cars. These will cost us over nine million dollars. In addition we have ordered other equipment in the way of locomotives, stock, refrigerator and coal cars that will make our total bill twenty-three millions for this year alone. Also we are spending large sums for additional facilities and second track, so that we hope thus to expedite our movement and help the situation.

We have to suggest that if all the grain comes to us at once we never can have cars enough to move it promptly, and the farmer should try to help by providing as much storage as possible.

So far this fall the Santa Fe has had fine support from shippers generally in prompt loading and unloading and capacity loading. There are just enough exceptions to the rule to make grief for all of us.

W. B. STOREY, President,

The Atchison, Topeka and Santa Fe Railway System.

\$24.95 Upward **American CREAM SEPARATOR**

On trial. Easy running, easily cleaned. Skims warm or cold milk. Different from picture which shows larger capacity machines. Get our plan of easy MONTHLY PAYMENTS and handsome free catalog. Whether dairy is large or small, write today. **AMERICAN SEPARATOR CO.** Box 7082 Bainbridge, N. Y.

Color Your Butter

"Dandelion Butter Color" Gives That Golden June Shade and Costs Really Nothing. Read!

Before churning add one-half teaspoonful to each gallon of cream and out of your churn comes butter of Golden June shade to bring you top prices. "Dandelion Butter Color" costs nothing because each ounce used adds ounce of weight to butter. Large bottles cost only 35c at drug or grocery stores. Purely vegetable, harmless, meets all State and National food laws. Used for 50 years by all large creameries. Doesn't color buttermilk. Tasteless. Wells & Richardson Co., Burlington, Vt.

ATWATER KENT

SCIENTIFIC IGNITION For The **FORD** All Models

Equip your Ford with the same high quality ignition used as standard equipment on America's foremost cars. Write for Literature Atwater Kent Mfg. Co. Dpt. K Phila. SYSTEM COMPLETE INCLUDING \$11.75 CABLES AND FITTINGS

GALLOWAY'S LUCKY PENCIL FREE

A great big Jumbo Lucky Pencil free to all who write up advertising list to introduce Galloway's Bargain Prices to all farmers of America. Write today.

3 BIG BARGAINS

Cream Separators, Engines, Spreaders and other farm necessities never were so cheap—terms were never easier. Dollar values never were as big as Galloway's offers now. Prices cut close to the bone, which means two articles for the price you usually pay for one.

Wm. Galloway Co. Dept. 47 Waterloo, Iowa

Don't buy anything anywhere until you see my New Bargain Catalog and our cut prices. The purchasing power of your dollar is now as big as ever if you buy right at the right place and at the right time—which is now.

Be An Auctioneer

Earn from \$10 to \$500 per day. Send for large FREE illustrated catalog of Reppert's School of Auctioneering, Live Stock Judging and Pedigree study. Next term opens Dec. 26

Reppert's Auction School Decatur Box 15 Indiana

10c Gets the **HOUSEHOLD** Eight Months

The Household now goes to over a million and a quarter subscribers each month. There are a number of fine features to the Household, but the two dominating ones are "Around the Family Table" and Senator Arthur Capper's Washington letters. These are worth much more than the small price of 10c. The 10c does not pay us but we want you as a new friend. Send your dime or stamps today for an 8 months trial subscription. **HOUSEHOLD**, Sept. 7, Topeka, Kansas

Send Your Dime or Stamps Today

NATURE has again favored Kansas and the Middle West Plains and farmers once more are planning a strenuous campaign of work for the coming year. Soaking rains, the best that have fallen in the Middle West for three months fell last week and broke up very effectively the drouth that had prevailed so persistently in some of the counties in Central and Western Kansas. The precipitation ranged from 2 to 4 inches.

The mild temperatures with the abundant moisture produced ideal growing conditions that greatly benefited wheat and alfalfa. However, cooler weather followed the rains that came last Sunday and freezing temperatures were reported in the northern and western part of the state. Hard freezes and snow were reported from some sections of Northern and Eastern Colorado.

Farmers Much Encouraged

Speaking of crop conditions S. D. Flora, the state meteorologist, says:

"Wheat is up and in excellent condition over all the eastern half of the state, except the north central counties, and is beginning to provide considerable pasture. In the western and north central counties not much wheat is up yet but germination will proceed rapidly with the added moisture and stands that had begun to droop in the dry weather will now revive.

"Cribbing corn was delayed by wet fields and favored by the abnormally high temperatures. It has made good progress and is half done in a number of counties.

"Pastures have been revived by the rains, tho it is rather late for much growth. Young alfalfa has been given a fine start. Field work generally was held up by the wet spell. The ground is now in fine condition for fall plowing and in most sections has plenty of moisture stored in it to supply the needs for several months to come."

Farmers still report considerable trouble in getting cars which makes it difficult for them to market their crops to any advantage under such conditions. It is becoming increasingly evident to them that next year more attention must be given to diversified cropping and the orderly marketing of farm products. The organization of farm marketing associations of various kinds operating under the new agricultural laws passed by the last Congress will no doubt help to remedy the marketing situation.

Radio Market Service

The Government's Radio Crop Reporting Service will also be of great help. The international radio crop service of the United States Department of Agriculture got away to a flying start recently with the receipt of a radiogram from the Department's Berlin representative regarding beet sugar production in Germany. In less time than it takes to read this sentence, traveling with the speed of light—186,000 miles a second—the message filed in Berlin was flashed to the Department of Agriculture at Washington, D. C. Thence relayed thruout the United States, the news was in the hands of receiving operators all over the country in less than 5 minutes from the time the message left Berlin.

"Radio is revolutionizing the dispatch of crop news," said Dr. Henry C. Taylor, Chief of the Bureau of Agricultural Economics in commenting upon the new service. "In these times of rapidly changing economic conditions instantaneous advices of agricultural conditions thruout the world are vitally necessary in the protection and advancement of American agriculture. We wish to know not only what crops and conditions were last year, but what they are at the present instant. Radio makes this possible."

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:

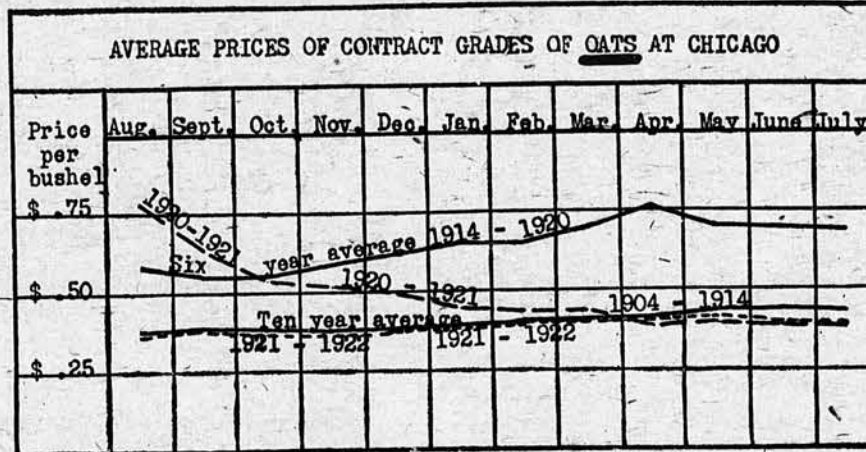
Allen—We had an excellent rain last week. The wheat acreage is a third smaller this year than it was last year. Many hogs and cattle are being fed. Prices for farmers' products are getting better and we are hoping for better times.—T. E. Whitlow.

Anderson—We had a good rain last week but stock water still is scarce and many farmers must haul it. A good many public sales are being held and everything brings good prices with the exception of horses and mules. Feed seems to be plentiful. Corn, which is uneven because of the damage of the chinch bugs, is being gathered. Kafir

More Good Rains in Kansas

Wheat and Alfalfa are Greatly Benefited Everywhere

BY JOHN W. WILKINSON



Farmers in the Future Will Diversify Their Crops and Grow Those That Can Return Profits. Oats in Ordinary Years Stand Low in the List

will make a satisfactory yield. Rural market report: Butterfat, 41c; eggs, 40c.—J. W. Hendrix.

Brown—We are having too much rain for corn husking but it is good for soil which is absorbing the most of it. All kinds of livestock are in excellent condition. Rural market report: Wheat, \$1; new corn, 53c; cream 33c; eggs, 30c; hens, 15c; springs, 12c; Leghorns, 10c; hay, \$10; hogs, \$7.75.—A. C. Dannenberg.

Clay—A soaking 48-hour rain fell last week, giving us 3 inches of water which filled the ponds and which will no doubt increase the flow of water in the wells, thus saving the farmers the bother of hauling any more water. Warm weather the last few days has been starting the wheat fields off nicely but they still are too soft to pasture. The acreage is about 10 per cent less this year. A few farmers are thru husking corn. Rural market report: Wheat, \$1.03; corn, 62c; oats, 45c; butter, 45c; butterfat, 38c; eggs, 40c; hogs, \$8.50.—P. R. Forslund.

Cloud—The wheat acreage is 15 per cent less than last year. Grasshoppers have done much damage to the wheat but a recent drizzling rain will put it in excellent condition. We have had no killing frost yet. Fewer cattle will be fed this year because of the light corn crop. Several new silos and barns are being built. All fall crops have been harvested and livestock is on dry feed. Hogs are doing well but prices are on the decline.—W. H. Plumly.

Crawford—Good rains the first of last

week put the wheat in splendid order but it looks thin on the ground. Corn husking is progressing rapidly and the average yield will be about 20 bushels an acre. All kinds of livestock are going into winter in good condition but feed is scarce and high in price.—H. F. Painter.

Graham—We had a good shower two weeks ago which sprouted the wheat and we recently had a good rain that will start a rapid growth. Corn husking is well under way. The yield is not heavy but the quality is good. Many cattle have been shipped to market, barely leaving the normal supply to be fed. The usual number of hogs will be fattened.—C. L. Kobler.

Ellis—We had a good rain November 4, which should sprout the wheat but more moisture still is needed. The weather now is cold and this will delay the wheat from coming up to a great extent. More wheat would have been seeded had this rain come two or three weeks sooner. Corn husking is about half finished. No public sales are being held. Very little livestock is being kept. Not much wheat is being marketed, but about 75 per cent has already been sold. Rural market report: Wheat, \$1.05; corn, 60c; shorts, \$1.50 cwt.; eggs, 36c.—C. F. Erbert.

Haskell—We have had no general rain since last July and wheat is badly in need of moisture. Several complaints of the seed being eaten by a worm have been made. The acreage is smaller this year. Stock sells very slow at sales. Corn is yielding from 15 to 30 bushels an acre. Elevators are

filled to capacity. Rural market report: Wheat, 95c; corn, 56c; milo, \$1.40 a cwt.; butterfat, 38c.—F. A. Sovereign.

Lane—The weather has been dry and warm. The average acreage of wheat was sown. No cattle and fewer hogs than usual are being fed. A farm sale, at which cattle and horses brought fair prices, was recently held. Mule buyers now are paying from \$40 to \$100 for Jennets. Rural market report: Wheat, \$1.03; shorts, \$1.65; flour, \$1.85; eggs, 32c; cream 32c; butter, 35c.—J. N. McLane.

Labette—The long drouth was broken by cold winds and damp weather. An unusually large number of public sales are being held. Everything is showing a different color since the rain. Much feeding was done in September and October. Rural market report: Wheat, \$1.03; shorts, \$1.65; flour, \$1.85; eggs, 32c; cream 32c; butter, 35c.—J. N. McLane.

Linn—Some of the farmers have finished fall plowing as we recently had an excellent rain. Stock water is more plentiful. Corn is not as solid as it was last year but now it is being gathered. There will be a scarcity of roughness for stock this winter. Public sales are quite common but as a rule the prices paid at these sales are unsatisfactory. The monthly community sales at Blue Mound have proved a great success. Rural market report: Wheat, 95c; old corn, 65c; hogs, \$8.50; cattle, \$4 to \$6; flour, \$1.80; eggs, 25c; hens, 14c; young chicks, 16c.—J. W. Clinesmith.

Lyon—Wheat and fall sown alfalfa are making an excellent growth. We are having good showers every week. Some stock are on pasture yet. Stock is doing well. Market prices for hay, corn and wheat are advancing.—E. R. Griffith.

Marion—Corn husking has begun. The yield is fair but the acreage is small. The kafir crop is good and the acreage is large compared with other years. This is due to the wet ground last spring. We had about 4 inches of rain last week. Some of the wheat has not come up and several fields will be replanted.—G. H. Dyck.

Miami—The rain of last week is causing the wheat to make an excellent growth. The acreage is fully 30 per cent below normal. The produce market is advancing. Rural market report: Canned eggs, 40c; butterfat, 38c; Red River potatoes shipped in \$1.75 for a 2-bushel sack.—F. J. Haebele.

Nemaha—A 48-hour rain last week was especially beneficial to the late sown wheat. About 3 inches of rain fell. Early sown wheat now makes good pasture. The acreage is smaller this year than last. Very little of this year's wheat crop grades No. 1 and fully 40 per cent grades under No. 2. Rural market report: Apples, 50c; \$1.50; potatoes, 80c; cabbage, 1 1/2c; alfalfa, 11c; hogs, \$8.50.—A. M. McCord and W. E. Gerin.

Osage—The weather for fall work is exceptional. Corn husking is practically finished. Many farmers now are loading kafir which some of them will not thresh to save expense. Farmers not paying interest, appear to be doing well, and all farm products are advancing in price. Hogs are numerous and corn is getting scarce. Rural market report: Corn, 70c; cream, 43c; eggs, 39c.—H. L. Ferris.

Pawnee—The need for moisture is being felt badly. Rains this fall have been only local showers. Early sown wheat looks well in the east portion of the county while it is just coming up in the west part as it has previously been too dry. There is a shortage of wheat cars. The "Cream-O-Milk" plant at Larned will begin operation soon. Feed is plentiful. Rural market report: Wheat, 90c; butter, 35c; eggs, 30c.—E. H. Gore.

Rawlins—After 11 weeks of dry weather we had a very heavy rain last week. We should know in about 10 days how much the wheat has been damaged by the dry weather and the wire worms. More hogs and cattle than usual will be fed.—J. S. Skolout.

Rawlins—We had 1 1/2 inches of rain November 4. This soaked into the ground well and will be of great benefit to the wheat, which held its own remarkably well during the dry spell.—A. Madson.

Reno—Wheat sowing is nearly finished. In three-fourths of the county it has not sprouted yet while in the other part it looks fine. The acreage will be about 20 per cent less than last year. The usual number of cattle are being fed but a much smaller number of hogs are being raised. Corn is of good quality and will yield about 25 bushels an acre. Wheat is worth \$1.01 but little can be marketed because of the shortage of cars.—J. Fraser.

Roos—Farmers are not very busy at present. We recently had a few good local showers. Some wheat has started nicely, but many fields have not yet shown much signs of life. Rural market report: Wheat, 95c; corn, 60c; oats, 35c; barley, 40c; eggs, 35c; butterfat, 38c.—C. O. Thomas.

Scott—Dry weather continues. Not all the wheat has been sown. A new pest to this part of the state in the shape of a worm has been reported as destroying the early sown wheat. The temperature is high for the season and stock is in fine condition. Cream and eggs are up and there has been a slight raise in grain prices.—J. M. Helfrick.

Saline—The soil was put in excellent condition for winter by a two-day rain last week. Late sown wheat is coming up in fine shape. Because of the long drouth which made plowing very difficult the wheat acreage is smaller. Rural market report: Wheat, No. 1, 95 to 98c; corn, 60c; oats, 50c; eggs, 33 to 34c; butter, 30 to 32c.—J. P. Nelson.

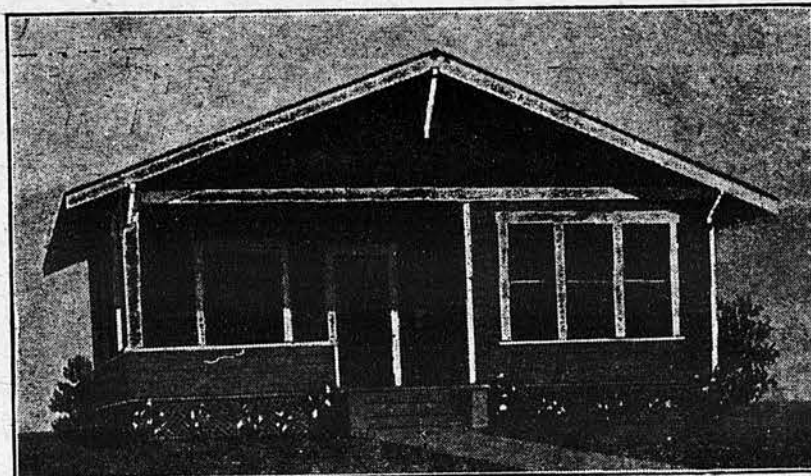
Sedgwick—Recent rains have been of great benefit to wheat. Farm work is well along. Corn will make about half a crop. The wheat acreage will be decreased. Very few cattle and hogs are being fed. Several sales recently have been held at which horses sold slow. Feed is getting higher.—F. E. Wickham.

Wabunsee—We have been having local rains every week end for the last month. Wheat and alfalfa sown this fall have been benefited very much by these rains. Many cattle have been taken from pastures and put on dry feed. Chickens are not laying good now as they are molting. Rural market report: Potatoes are being shipped in and sold for 90 cents a bushel and 2 1/2 cents a pound respectively; corn is worth 65c; wheat, \$1; hens, 14c; eggs, 35c; broilers, 16c.—G. W. Hartner.

Wilson—We had a very beneficial rain last week and the ground now is in excellent condition for fall plowing. Wheat is greenening up. The acreage is at least 40 per cent less than last year. The corn crop is no exception. Part of the hay crop remains

(Continued on Page 35)

A Good Substantial House

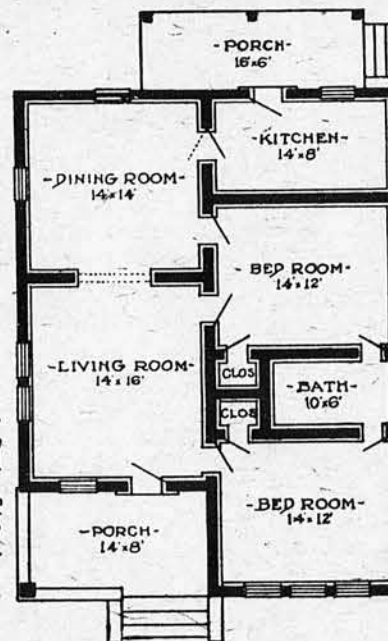


HERE is a good substantial house with every requisite for comfort. Ventilation and light are provided in abundance. Every room has two or more splendid windows and every bedroom has a closet. The bath is directly accessible to each bedroom. Large front and rear porches add much to the comfort and convenience of the owner and at the same time make the house look more attractive and inviting in every way.

The straight roof without hips and valleys and the walls without recesses or offsets make construction easy and economical.

Plans and specifications for this design No. 405 will be sent on receipt of \$5 by the Home Service Editor, Kansas Farmer and Mail and Breeze.

A handsomely bound book of plans of 100 residences varying from four-room cottages to pretentious eight-room bungalows, and 15 garages, will be sent on receipt of \$1.



Capper Pig Club News

Fall Pigs Grow Best on Succulent Feeds

BY RAYMOND H. GILKESON
Assistant Club Manager

SPECIAL effort should be put forth this month to provide succulent feed for the fall pigs to help growth. The profit from fall pigs will be cut down if they do not receive the right kind of feeds right after weaning and on thru the winter. It is important to teach fall pigs to eat corn and stop before they are entirely

It's Ronald Warren of Jewell county. You can tell that his Duroc Jerseys are making good progress. "The tank in this picture," writes Ronald, "is a 60-gallon automatic water tank that my father gave me. I certainly had a time keeping it filled this summer." This brings to mind the thought of improvements. It is the right thing

mailed lists on time. Well, these lists didn't reach the club manager's desk, so there you are. But other club members and folks who wish to buy some excellent purebred stock for their herds will wish to know what these boys have to sell. Floyd Bosch, Council Grove, Kan., Route 3, has two boars and seven gilts for sale. Of course, these are spring farrowed and are guaranteed purebred and eligible to register. Warren Constable, Vine, Kan., has two boars and six gilts farrowed in March that he wishes to sell. These hogs also are purebred and eligible to register. Without a doubt this stock and that advertised in the catalog is some of the best to be found in the state. Many catalogs have gone out already, and others are ready for folks who write to the club managers for them.

Get This Book Free

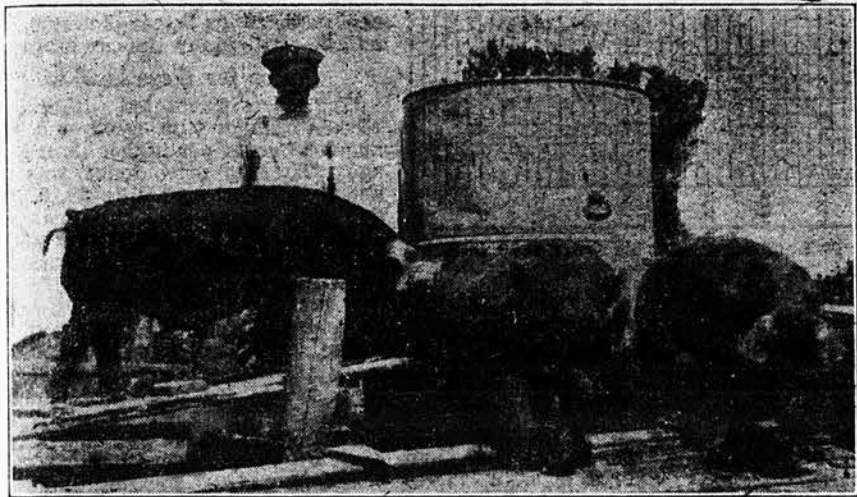
"When Kansas Was Young," by T. A. McNeal, editor of Kansas Farmer and Mail and Breeze, is a handsome cloth bound book of 285 pages divided into six main chapters.

The Earliest Days, Happenings in the '70's, Picturesque Figures, Events in the '80's, Striking Personalities, and Kansas Growing Up. Each chapter is filled with humorous, tragic, unusual but characteristic episodes and incidents of as various and lively a civilization as the development of the West has witnessed. Familiar names of now settled and reputable communities appear thru the book, but with a different significance than in these tame and halcyon days—Caldwell and Medicine Lodge, Dodge and Newton and Abilene, Hunnewell and others.

These stories of Kansas in the wild, rough days of the seventies, when it was a frontier state, are full of snap and vigor. Politics, business and pleasure went hand in hand in the border towns, and excitement was never wanting.

Some famous Kansans of those early days figure in the book, and the tales bear all the signs of being real excerpts from life.

Readers can receive this interesting and instructive book free and postpaid by sending only two one-year subscriptions to Kansas Farmer and Mail and Breeze at \$1.00 each—\$2.00 in all. Your own renewal will count as one. Address Kansas Farmer and Mail and Breeze, Book Dept., Topeka, Kan.—Advertisement.



Ronald Warren, Jewell County, Presents Evidence That He Has Good Duroc The Water Tank Is His Hired Man and Does Efficient Work

weaned. Chopped alfalfa hay if wet will help to answer the problem of succulent feeds. Scatter the dry feed on the wet alfalfa. Silage and root crops come in at this time of year to lend a helping hand with the pigs just weaned.

Breed for Spring Litters

Of course, club members of this year who are planning to be in the club during 1923, have selected the sows they intend to enter. Naturally the fall pigs will be weaned this month and the sows bred for spring litters. If you have not selected the contest sow for next year, why not do it now?

List Was Not Complete

Wasn't that a fine list of prizes won by club members that was printed in the club story two weeks ago? All the prizes reported up to that time were given, but I am glad to print another list in this story. For many good reasons these prizes were not reported in time to be listed in the other story, and I know you'll be very glad to read these additional winnings.

Here Are Additional Prizes

Louis Bowman puts Coffey county on the winners' map by taking two firsts at the Lebo fair. At Burlington he captured two firsts and two seconds. In all, the cash he received amounted to \$22, but the value of such winnings is much more than that. Francis Normile of Doniphan county won first on litter in pig club department and first and second on pigs in open class in the club department. Hubert Heigle of Morris county took third prize on best litter of four, and third on best boar and best sow. First prize on best litter at a community fair was won by Russell Wright of Reno county, and this prize happened to be a fine Duroc Jersey gilt, which is a welcome addition to Russell's herd. Kenneth and Samuel Graham of Russell county have a right to be proud of their record—the club managers certainly are. The Graham boys won junior championship on boar; first on boar under 6 months; first and second on sow under 6 months; first and second on boar and three sows under 1 year; first, second and fourth on litter of four, get of one sow, and first, second and fourth on litter of four, get of one boar. This was at their county fair.

Efficiency Thru Proper Equipment

Just to be sure you'll know who is in the picture this time, I'll tell you.

to do, as success in the hog raising game justifies, to increase the equipment so that caring for the hogs can be done more efficiently and in less time. The right thinking breeder makes provisions each year for additional conveniences, and it is a good thing for club members to consider early in the business.

More Hogs for Sale

Thru some unhappy turn of luck two club members didn't get their hogs listed in the annual sale catalog, and the thing that makes it most unpleasant is the fact that both boys

Old Tan Harness

Metal-to-Metal

Improved harness construction. Metal where ever there is wear or strain. Every adjustable feature without old fashioned buckles. The superior quality of Old Tan leather has been recognized for 70 years. Tanned and made by the tanner-manufacturer in the real old fashioned way.

\$7.50 Down

Put this harness on your horse. You don't need to send any money. We make shipment without a cent. Keep the harness or return it as you choose. If you keep you pay on easy monthly installments. Sold under a full guarantee.

Write for Free Book Don't buy any harness until you know all about Old Tan's marvelous leather and metal-to-metal construction which means double wear.



BABSON BROS.

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ANOTHER BIG SALE **\$38.50**
FAMOUS OTTAWA ENGINES
Transcendence savings—so improved models—Save \$15 to \$150. A size for every use. Better built. Get the offer—FREE BOOK—Write OTTAWA MFG. CO., 551 Q King St., Ottawa, Kan., Pittsburgh, Pa.

Enjoy your Chicago visit at the **MORRISON HOTEL**
THE HOTEL OF PERFECT SERVICE
and the **TERRACE GARDEN**
CHICAGO'S WONDER RESTAURANT

Save \$10 to \$20
on every saddle or harness. Buy direct from the factory. No middleman's profit. Send for free catalog—maker to consumer. Justin's Boots at Lowest Prices.
THE FRED MUELLER SADDLE & HARNESS CO.
402 Mueller Bldg. DENVER, COLO.

Have you noticed how many of your neighbors are now reading Kansas Farmer and Mail and Breeze?

Our Special 15 Day Offer

The Topeka Daily Capital

Daily and Sunday—7 Issues a Week

\$2.50 From Now Until **\$2.50**
June 1, 1923

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

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

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

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

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

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The Topeka Daily Capital, Topeka, Kansas

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

Name.....

Address.....

Business and Markets

By John W. Samuels

HIGHEST cotton prices of the year and highest cattle prices in two years were the outstanding features of the agricultural situation during October, the United States Department of Agriculture reports in its monthly agricultural review. The general range of farm product prices was somewhat downward, however, and their purchasing power as a whole showed no improvement.

Low Prices for Potatoes

The higher cotton prices are attributed to rapid and sustained price advances in the dry goods market, increased exports, and increased demand for spot cotton. In the cotton belt the harvest is unusually advanced and the crop has moved rapidly to market to enable growers to raise cotton.

The movement of the main crop of potatoes to market up to October 21 is reported as 13,000 cars less than for the same period last year, despite an estimated potato production in the United States that is the largest since 1917. Marketing is said to have been retarded by low prices and by car shortage, particularly in the far West. Prices in city markets have ranged at about one-half the level of a year ago. Potato prices at stations in the Northwest are as low as 16 to 17c per bushel. This will not cover the cost of digging, sacking, and hauling, and many farmers are giving away potatoes to those who will dig them.

Apple Outlook is Better

The total yield of apples for the United States for 1922 is estimated at 203,667,000 bushels as compared with 98,097,000 bushels for 1921. The commercial crop of apples for 1922 amounts to 31,639,000 barrels as against 21,204,000 barrels in 1921.

The market is now assuming a firmer tone as other fruits are becoming less abundant and demand shows greater breadth.

Altogether the outlook is fair for an advance in the apple market this winter. Prices are already low, the crop of late keepers is not much if any above normal, and there is a fair chance for export sales.

Receipts of cattle and calves during the first three weeks of October increased nearly 34 per cent over the same period last year according to late Government reports. Hog shipments were over 191,000 head heavier. Sheep and lamb shipments decreased. A large increase in the movement of stocker and feeder animals back to the country is reported, ranging from 41 per cent on cattle and calves to 110 per cent on hogs. Slaughter of cattle and hogs increased, but of sheep and lambs decreased.

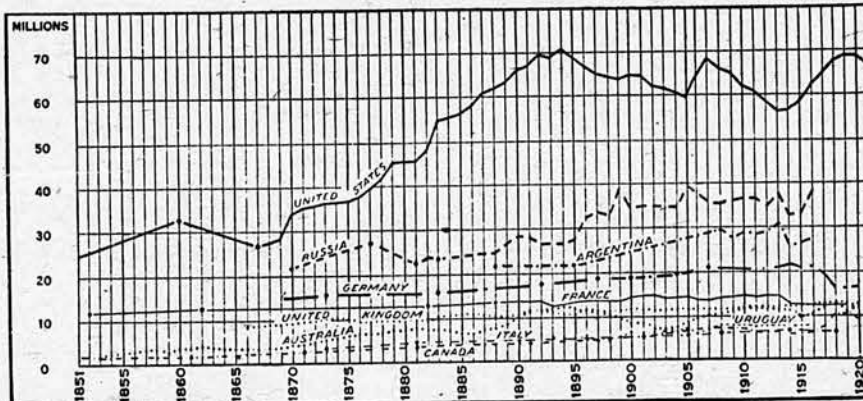
Beef Production Stationary

In this connection it is interesting to compare the cattle production of the United States with that in other cattle producing countries. The accompanying chart shows this at a glance. It shows that the number of cattle in France has remained almost stationary for 70 years; in Germany the number increased until 1907, in Argentina until 1913, in Russia up to 1899, and in the United States there was a rapid rise to 1894, since which year the number has remained more or less constant, except for wide periodic fluctuations. In the other countries shown the number of cattle slowly increased up to 1918. The increase in the United States from 1867 to 1894 was about equal to the total number of cattle in the United Kingdom, France, Italy, Australia, and Canada today.

Livestock Receipts at Kansas City

Livestock receipts at Kansas City in October of 1922 were surprisingly large despite continued clamor for more cars.

The most surprising figures for the month were in cattle and calves, the total for which was 480,608 head, the



This Chart Shows Number of Cattle for 10 Leading Countries from 1850 to 1921; the Number in the United States Increased Rapidly Until 1894

largest on record for one month. It is not surprising, therefore, that the outgo of stockers and feeders broke all monthly records at 6,229 carloads. The slaughter of cattle and calves by local packers amounted to 176,520 head.

During the rush of meat animals to market in the war period a total of 19,628 carloads of stock arrived in the month of October, 1918, constituting the largest month's total on record at Kansas City. Next to that month is October of 1922 with 17,883 cars. In October, 1918 there were received 1,037,657 head of meat animals. In October, 1922 there were 917,855 head of meat animals received. These are the largest months ever recorded at this market.

Hog receipts were greater than one year ago by over 101,542 head, but sheep decreased 4,175 from October of last year.

Cattle receipts at Kansas City this week show a material decrease and it is the general opinion that the big range and pasture movement is ended. As a result of the decrease the market has ruled irregular, some classes showing a decline and others an advance. The general tendency is towards a readjustment and for the market to get on a normal basis. Hogs broke Tuesday and rallied Wednesday and

weakened at the market's close. The net change for the week was a 10 to 15 cent advance. Fat lambs were quoted up 50 to 75 cents and fat sheep up 50 cents.

Receipts this week were 63,291 cattle, 17,516 calves, 56,995 hogs, and 25,175 sheep, compared with 77,450 cattle, 24,860 calves, 54,350 hogs, and 32,325 sheep last week, and 53,182 cattle, 17,653 calves, 41,350 hogs, and 16,700 sheep a year ago.

Cattle Hold Steady

Trade in fat cattle today held fully steady and slightly better than the middle of the week. However there is considerable irregularity in the market and the general tendency is towards a readjustment in quotations in all classes. From now on there will be few grass fat cattle available, and the predominating kind will be in short fed steers. Prime full fed steers will remain scarce. The price spread for steers taken by killers this week was \$3.60 to \$12. Those below \$4.50 were in the cutter class and those at \$12 averaged 1,000 pounds and while choice were not weighty enough nor strictly prime. Cows are selling at \$2 to \$6, heifers \$3.75 to \$9.25, calves \$3.50 to \$9.50 and bulls \$2 to \$4. A narrower range is expected in prices in the next two weeks.

Trade in stockers and feeders has shown some activity this week the prices remain in about the same position as last week. This week will show the closest clean up in stock and feeding cattle of the last two months. The week November 18 to 25, American Royal Show week, a large supply of choice yearlings 2-year-olds and calves will be available in the car lot division.

Top for Hogs is \$8.15

Hog prices fluctuated within a 10 to 15 cent range this week and closed about 15 cents net higher than a week ago. The top price today was \$8.15, and bulk of sales \$7.85 to \$8.10. Tuesday and today were the weak spots. The inability of packers and shippers to wipe out the 8 cent quotation this week indicates larger demand for pork and pork products than they had anticipated. Pigs are selling up to \$8.25.

The sheep receipts were short of last week and larger than a year ago the market recorded a good advance and closed strong. Prime Western lambs sold up to \$14.60, natives up to \$14.25, ewes up to \$7.25, wethers \$8.25, and yearlings \$11.50. Feeding lambs sold mostly at \$12.50 to \$13.25.

Good to choice mules sold higher, good horses were steady, and the plainer classes of both horses and mules were slow sale.

Poultry and Dairy Products

At this season of the year there is always a big drive on for Thanksgiving offerings in which turkeys are the main objects of attack. A leading commission house in Chicago states that 1,439 Western farmers raised 165,208 turkeys in 1922 as against 139,259 head raised last year, an increase of 18 per cent. These reports were from farmers in the Northwestern states. Texas has a heavier crop than last year, but there is no increase in Missouri, Kentucky and Tennessee. It is contended that people now however are more prosperous than a year ago and that this will stimulate buying and that turkeys will sell for almost the same price as they sold for last year, when live turkeys were quoted at 35c and dressed turkeys at 43 to 44c a pound in Chicago.

At Kansas City the egg market continues strong and advances on nearly all grades of 1 cent to 2 cents a dozen are reported. Ducks advanced 1 cent a pound and turkeys 2 cents a pound. Dairy products also showed substantial advances.

The following quotations are given at Kansas City:

Live Poultry—Hens 12 to 18c a pound; broilers, 20c; springs, 18c; roosters, 10c; turkeys, 34c; toms, 20c; geese, 16c; ducks, 20.

Eggs—Firsts, 44c a dozen; seconds, 24c; selected case lots, 51c; storage, 33 to 35c.

Butter—Creamery, extra in cartons 48 to 49c; packing butter, 26c; butter-fat, 44c a pound.

Cheese—Longhorn, 26½c; Daisies, 25½c; Flats, 26½c; Prints, 27c; Brick 26½c; imported Roquefort, 54c; Limburger, 25c; New York Daisies, 30c; imported Swiss, 49 to 50c; domestic Swiss, 26 to 33c.

Hides and Wool

The following quotations on green salted hides are given at Kansas City this week:

No. 1 hides, 13½ to 14c; No. 2 hides, 12½ to 13c; side brands, 10 to 11c; bulls, 10c; green glue, 5 to 6c; dry flint, 16 to 17c; horse hides, \$3.50 to \$5 apiece, pony hides, \$1.25 to \$2.50.

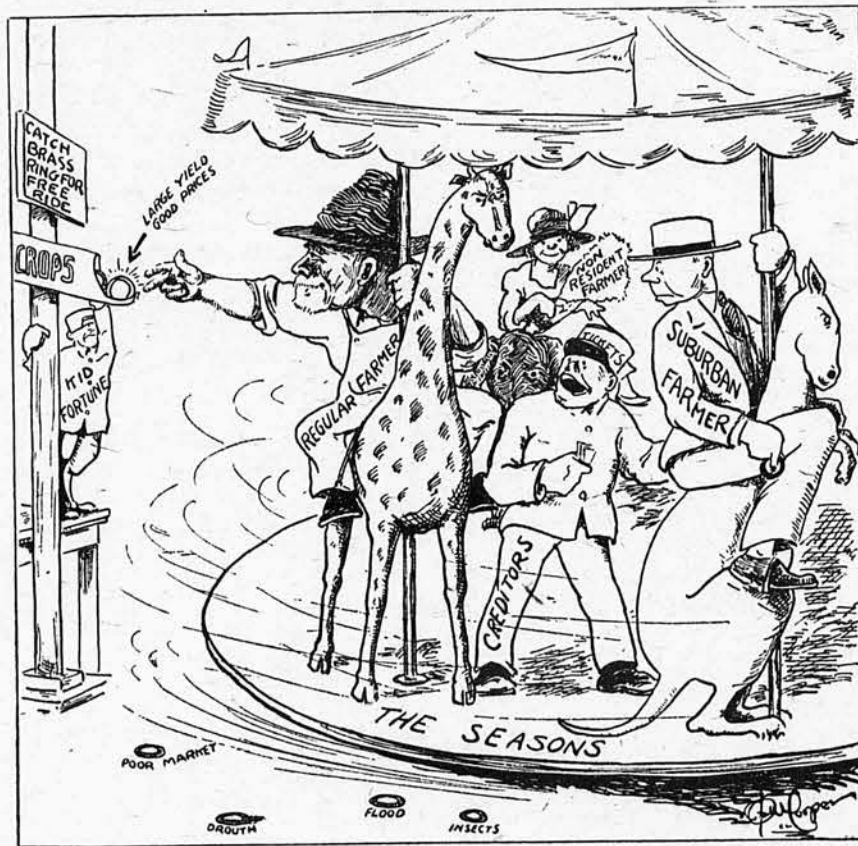
The following quotations are given this week at Kansas City on wool:

Kansas, Oklahoma and Nebraska bright medium wool, 32c a pound; dark medium, 28c; light fine, 33 to 35c; heavy fine 25 to 30c; Colorado, New Mexico, Utah and Texas light fine staple, 30 to 35c.

This week the grain trade at Kansas City was narrow and dull and

(Continued on Page 33)

The Regular Farmer's Luck



What Chance is There for the Producer to Get Anywhere When He Has to Run the Gauntlet of Poor Markets, Drouths, Insect and Other Hazards?

Coming Farm Events

November 18-24—Annual Meeting of the National Grange, Wichita, Kan.
 November 18-25—American Royal Livestock Show, New Exposition Building, Kansas City, Mo.
 December 2-9—International Livestock Exposition, Chicago, Ill.
 December 2-9—International Grain and Hay Show, Chicago, Ill.
 December 5-7—Annual Meeting of the Kansas State Horticultural Society, State House, Topeka, Kan.
 December 11-14—Annual Meeting of American Farm Bureau Federation, Chicago, Ill.
 December 14-16—National Council of Farmers' Co-operative Marketing Associations, Washington, D. C.
 December 27 to January 6—Herdsmen's Short Course, Kansas State Agricultural College, Manhattan, Kan.
 January 10-13—The Kansas State Board of Agriculture, Topeka, Kan.

Livestock Reporting Service

Plans are nearing completion for the new livestock reporting service which the Federal Bureau of Agricultural Economics, with the co-operation of different agencies, will conduct for the benefit of the livestock industry of the country. The service will cover the cornbelt and western states and will function thru state statisticians already connected with the Government crop estimate work. Railroads, stockyards, packing plants and producers' organizations have indicated a willingness to supply data as a basis for forecasting. In planning for this new service, it was thought that with statistics on present and prospective livestock production and with information of current market movements, producers would be better able to correlate supply with demand, and prevent gluts or shortages in supplies for consumptive purposes. This information will be issued in the form of monthly, semi-monthly, and annual reports.

According to present plans, the general reports for the Central and Western states will be issued from Chicago, where the Federal Bureau's representative, C. L. Harlan, will supervise the collection of data in the corn belt states.

Simultaneously with the issuance of reports at Chicago, each statistician concerned with making the report will issue a local report for his state, together with such data concerning the whole area as may be necessary to present a clear picture of the situation.

Regional Statistician Frank Andrews, located at Denver, will also issue general reports relating primarily to the Western states.

Reports on pasture and feed conditions will also be issued from the Denver office. The various estimates will be available to the general public and the press, and some arrangement may be made for broadcasting the news from radio stations now co-operating with the United States Department of Agriculture in broadcasting weather, crop and market reports.

Realtors Meet at Hutchinson

The Realtors of Kansas will meet December 4 and 5 at Hutchinson. R. M. Mills, 1003 Schweiter Bldg., Wichita, is president of the state association.

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.

Despite the attitude of a few persons against the tractor, it is growing in popularity and general use everywhere.

KANSAS

BUY IN northeastern Kansas where corn, wheat and all tame grasses are sure. Send for farm list. Silas D. Warner, 727 1/2 Commercial St., Atchison, Kansas.

80 Acres Only \$250

S. W. Wichita 45 mi., near town; good loam soil; 50 A. wheat; new bungalow, barn etc., down; \$250 cash, \$500 30 days, \$500 yearly. R. M. Mills, Schweiter Bldg., Wichita, Kan.

The Real Estate Market Place

There are 10 other Copper Publications that reach over two million 100,000 families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

Special Notice

All advertising copy discontinuance or change of address 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.

KANSAS

30 ACRES, nice home. For description write owner, Cynthia Thomas, Barclay, Kan.

SO. EAST KAN. FARMS \$35 acre up. Free list. A. M. Cole Land Co., Independence, Kas.

WESTERN KANSAS land, cheap. Easy terms. Write Jas. H. Little, LaCrosse, Kan.

NORTHEAST KAN. Bottom and upland farms. Melvin Ward, Holton, Jackson Co., Kansas.

5 to 40 acre tracts. Send for information. The Magnolia State Land Co., Iola, Kan.

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.

HALF SECTION on new R. R. Haskell Co. Price \$8,000. Terms on \$6,000. 240 acres cultivated. No trades. Griffith & Baughman, owners, Liberal Kansas.

IMPROVED 65 ACRE FARM. 3 miles Ottawa. Part bottom land. Special price 30 days. Write for description and list. Mansfield Land Company, Ottawa, Kansas.

80 A. \$50 PER A. 120 A. \$75 per A. 160 A. \$60 per A. 160 A. \$75 per A. All good imp. farms, extra good terms. Spangler Land Co., Ottawa, Kan.

80 ACRES, 7 miles of Ottawa, Kansas. 3 miles of LeLoup, all tillable, real good improvements, fine location. Price \$75 per acre. \$1500 cash, remainder 5 years time. Ottawa Realty Company, Ottawa, Kansas.

10 40-ACRE FARMS, on payments of \$200 to \$600 down.

16 5-acre tracts, on payments of \$150 down. Send for descriptions. The Allen County Investment Co., Iola, Kan.

FINE DAIRY FARM, 80 acres near Emporia. Alfalfa land. Good large buildings. Electric lights. Owner sick, must sell. Write for particulars. T. B. Godsey, Emporia, Kansas.

\$20 PER ACRE up crop payment plan. Wheat and irrigated lands near Garden City, big yields alfalfa, wheat and garden truck, fine schools. Lands covered by electric power. A. H. Warner & Son, Garden City, Kan.

320 ACRES, Scott County, Kansas; smooth black land, half cultivation; good improvements; well located; 100 wheat. Sacrifice, \$25.00 acre. Mansfield Investment & Realty Co., Healy, Kansas.

750 ACRE beautiful level farm, adjoining town in Lane county, Kansas; it's one of the finest bodies of land in county; 2 story, 7 room house, 2 large barns, granaries, other outbuildings; nearly 400 acres fine wheat; abundance water; real snap, owner non-resident; \$45 per acre; attractive terms. Mansfield Land & Loan Company, 415 Bonifils Bldg., 10th & Walnut, Kansas City, Mo.

IMPROVED FARMS IN EASTERN KANSAS

320 A., 200 A. in cultivation.
 160 A., 120 A. in cultivation.
 160 A., 85 A. in cultivation.
 147 A., all under cultivation.
 80 A., 65 A. in cultivation.
 80 A., 50 A. in wheat, balance pasture.
 40 A., extra good improved.
 10 A., close in town.
 House and 2 lots town property.
 Priced for quick sale. Write or see W. E. Craig, Halls Summit, Kansas

ARKANSAS

160-ACRE FREE HOMESTEADS, healthful Ozarks. Write M. Decker, Norfolk, Ark.

WOULD YOU BUY A HOME? With our liberal terms? Farms of all sizes for white people only. Write for our new list. Mills & Son, Booneville, Arkansas.

BUY A FARM in the great fruit and farming country of northwest Arkansas where land is cheap and terms are reasonable. For free literature and list of farms write Doyel & Alsip, Mountainburg, Arkansas.

FLORIDA

FOR FLORIDA LAND, wholesale, retail or exchange, write Interstate Development Co., Scarritt Bldg., Kansas City, Mo.

MISSOURI

LISTEN, 40 acre imp. farm \$1200. Good terms. Other farms. McGrath, Mountain View, Mo.

WRITE FOR FREE LIST of farms in Ozarks. Douglas Co. Abstract Co., Ava, Mo.

MISSOURI \$5 down \$5 monthly buys 40 acres truck and poultry land near town Southern Missouri. Price \$200. Send for bargain list. Box 22, Kirkwood, Mo.

POOR MAN'S CHANCE—\$5 down, \$5 monthly buys forty acres grain, fruit, poultry land, some timber, near town, price \$200. Other bargains. Box 425-O, Carthage, Missouri.

TEXAS

WRITE J. N. JOHNSON LAND CO., Daltart, Tex., for choice wheat and corn lands.

5 CENTS AN ACRE CASH TEXAS SCHOOL LANDS for sale by the state at \$2 per acre; 5c an acre cash, balance in 40 years, 5% interest. Send 6c postage for further information. Investor Publishing Co., Dept. P, San Antonio, Texas.

RATES

For Real Estate Advertising on This Page

45c a line per issue on 4 time orders.
 50c a line per issue on 1 time orders.

Pay No Advance Fee

Don't give option or tie up real estate for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

COLORADO

320 ACRES smooth Eastern Colo. land \$8000. Encumbrance \$4000. Exchange equity for garage or town property. 288 acres \$4500. Mtg. \$2500. Want general mdse. - Other lands for exchange. What have you? Mitchem Land Company, Galatea, Colo.

Aged Owner Must Sell

318 Acres With 10 Horses
 10 cows, bull, 8 yearlings, 25 hogs, harnesses, vehicles, full implements, etc. \$3,300 income last year; delightful place to live; big money melons, potatoes, etc.; all tillable, 100 acres fields, 35-cow pasture, ample water, comfortable house, good barn, garage, stable, shop, etc. For quick sale, \$8,900 gets all, part cash.
 Edw. I. Leland, Hugo, Colo.

WASHINGTON

WE CAN LOCATE a number of good families in the Puget Sound country of Washington on 5 and 20 acre tracts suitable for small fruits, vegetables and dairying. Work in canneries and fisheries assured to actual settlers. Easy terms and excellent climate. Send for free book. E. C. Leedy, Dept. G, Great Northern Railway, St. Paul, Minn.

MUNICIPAL LANDS for sale by the district; no agents, no commission; interested only in getting home-builders on the project. Longest growing season in the Northwest. Gardens and fruits thrive; schools, highways and railroads the best. Junction Snake and Columbia Rivers. Write for terms and folder. Address Burbank Irrigation District No. 4, Burbank, Washington.

REAL ESTATE WANTED

WE HAVE CASH BUYERS for farms at real bargain prices. Central Land Bureau, New Franklin, Mo.

CASH BUYERS want Kan. and Colo. farms, spring delivery. Don't wait, write now. R. A. McNow, 329 Wilkinson Bldg., Omaha, Neb.

CASH YOUR PROPERTY quickly. Location immaterial. Particulars free. Universal Sales Agency, Box 43, N. Topeka, Kansas.

FARMS WANTED: Give full description and cash price. Quick sales. Leaderbrand Sales Agency, B-30, Cimarron, Kansas.

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Copper St., Chippewa Falls, Wis.

I HAVE CASH BUYERS for salable farms. Will deal with owners only. Give description and cash price.
 Morris M. Perkins, Columbia, Missouri

LOANS AND MORTGAGES

Farm & Ranch Loans

Kansas and Oklahoma

Lowest Current Rate

Quick Service. Liberal Option.

Interest Annual or Semi-Annual.

THE PIONEER MORTGAGE CO., TOPEKA, KANSAS.

SALE OR EXCHANGE

FOR SALE ON EASY TERMS or trade for Kansas land, some land in Florida not far from Lakeland. None farther than 5 miles and some as close as 2 miles from railroad. Suitable for trucking. From \$300 to \$1000 per acre for each crop per year can be realized and at least 2 crops per year can be grown, of strawberries, tomatoes, cucumbers, potatoes, etc. No debts of any kind on land. Clear Kansas land preferred but small mortgage not a bar to trade. If interested submit what you have. A. J. Shaw, McPherson, Kansas.

TRADES—What have you? List free. Bersie Farm Agency, El Dorado, Kansas.

FARM BARGAINS, Eastern Kansas, for sale or exchange. Sewell Land Co., Garnett, Kan.

FOR SALE OR TRADE—5-room modern bungalow, close in. Address, Owner, Box 161, Lindsborg, Kansas.

400 ACRES, highly improved Franklin county, Kan., farm. Exchange for wheat land. Mansfield Land Company, Ottawa, Kansas.

IMP. 80 PRAIRIE; road, springs, strong land. Worth \$75. Price \$62.50. Want merchandise. W. D. Blankenship, Buffalo, Mo.

FOR SALE OR TRADE. Irrigated 80. Also ranch of 3400 acres. Improved, in eastern Colo. Address L. Box 112, Springfield, Colo.

150 ACRES 1/2 mile high school town; new house, large barn, electric lighted; land lays well, fine location. Sale or trade. Franklin Co. Inv. Co., Ottawa, Kansas.

GOOD 7-ROOM HOUSE in Topeka for farm. Modern 6-apartment, K. C. Mo., annual income \$4,000, for farm. Mansfield Land Mtg. Company, Topeka, Kansas.

320 A. Washington Co.; gently rolling, extra well improved, plenty of good water; near town; mtg. \$7,000, price \$24,000. Want farm for equity near Lawrence or Topeka. Lawrence Mellor, 729 Mass. St., Lawrence, Kan.

TRADES—TRADES—TRADES

Describe your property. Tell me what you want. Get my list. Prompt service. Reasonable commission. No deal, no pay. Trade quick with C. M. Kelley, the Land Man, Beaver City, Nebraska.

WILL EXCHANGE

For North Central or Western Kansas land. 320 acres choice creek land, 2 miles from Iantia, Barton county, Missouri. Price \$40,000. Mortgage \$16,000. Want clear for equity. Description upon application. Layton Bros., Salina, Kansas.

ACCOUNT UNABLE give personal attention will sell on splendid terms or trade for equal value near Kansas City, Mo., my splendid wheat section, 20 miles from Greeley or Fort Collins, Colo. 5 miles good market; entire section seeded to wheat now; price \$40 per acre. Address Box 4108, Station Station A, Kansas City, Missouri.

LAND—VARIOUS STATES

SELL YOUR PROPERTY QUICKLY for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Neb.

PRODUCTIVE LANDS. Crop payment or easy terms, along the Northern Pacific Ry. in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Free literature. Say what state interests you. H. W. Byerly, 81 Northern Pacific Ry., St. Paul, Minn.

WEST ARKANSAS AND EAST OKLAHOMA along the Kansas City Southern Railway. A region of hill, valley, timber and prairie lands, clear running streams and springs of pure water, of prosperous towns, health resorts, churches and schools. It produces corn, wheat, oats, forage, cotton and great quantities of fruits, berries, cantaloupes, potatoes, commercial truck and poultry. Admirably adapted to the raising of pure bred live stock and a great dairy industry. For information, address Immigration Bureau, No. 404, K.C.S. Ry. Bldg., Kansas City, Mo.

FOR RENT

400 ACRES GOOD FARM LAND near Onaga, Kan. Cash rent. Write Mrs. R. Chatelaine, Onaga, Kansas

Real Estate Advertising Order Blank

(New Reduced Rates)

KANSAS FARMER and MAIL Topeka, Kansas

RATES

50c a line for 1 time
 45c a line per issue
 on 4 time orders

Enclose find \$..... Run ad written

below times.

Name.....

Address.....

COPY

FARMERS' CLASSIFIED ADVERTISING

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

TABLE OF RATES

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

RELIABLE ADVERTISING

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

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

AGENTS WANTED

WANTED—RELIABLE, ENERGETIC MEN to sell National Brand fruit trees and a general line of nursery stock. Unlimited opportunities. Every property owner a prospective customer. Carl Heart earned \$2,312.67 in 18 weeks, an average of \$128.48 per week. You might be just as successful. Outfit and instructions furnished free. Steady employment. Cash weekly. Write for terms. The National Nurseries, Lawrence, Kan.

MALE HELP WANTED

RELIABLE MEN WANTED BY OLD ESTABLISHED firm, to sell fruit trees and shrubbery. Liberal cash commission. Willis Nurseries, Ottawa, Kan.

SERVICES OFFERED

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

WANT TO BUY

WANTED—30-60 RUMELY OIL PUMPS. Condition no object. P. W. Blomberg, Falun, Kan.

WANTED—SUDAN, ALFALFA, CLOVER, Cane and other seed. The Barteldes Seed Co., Lawrence, Kan.

I AM IN THE MARKET FOR A FEW cars of Golden Queen pop corn. Wm. F. Bolan Grain Co., Silver Lake, Kan.

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

WANTED TO BUY—CATALPA GROVE OR hedge fence suitable for posts, or hedge posts. Give full particulars first letter, or no attention paid. Address Catalpa, Kansas Farmer, Topeka, Kansas.

BUSINESS OPPORTUNITIES

FOR SALE: A BARGAIN, GARAGE AND machine shop. Schultz Garage, Great Bend, Kan.

\$1,200 PER YEAR ON \$20 INVESTMENT, share in millions spent on good roads. Most wonderful useful invention since automobiles. Safe, legitimate. Tried and proven. J. P. Copeland, Wolfe City, Texas.

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

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

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

PUT YOUR BUSINESS BEFORE MORE than 1,180,000 farm families in the 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.

"INVESTING FOR PROFIT" IS WORTH \$10 a copy to any man who intends to invest any money, however small, who has money invested unprofitably, or who can save \$5 or more per month, but who hasn't learned the art of investing for profit. It demonstrates the real earning power of money, the knowledge financiers hide from the masses. It reveals the enormous profits they make and shows how to make the same profits. It explains how stupendous fortunes are made and why they are made; how \$1,000 grows to \$25,000. To introduce our magazine, write us now, and we'll send it six months free. Address Investing for Profit, 20 W. Jackson Blvd., Dept. B-50, Chicago.

EDUCATIONAL

LAWRENCE BUSINESS COLLEGE, LAWrence, Kansas, trains its students for good paying positions. Write for catalog.

MEN-BOYS OVER 17. BECOME RAILWAY mail clerks. \$135 month. List positions free. Franklin Institute, Dept. L15, Rochester, N. Y.

FINLAY ENGINEERING COLLEGE, Kansas City, Mo. Mechanical, electrical, armature winding, auto elec. 6 weeks to 2 years. Write for catalog and courses by mail.

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TO INTRODUCE OUR THREE-YEAR-OLD tobacco will sell 10 pounds "Regular Smoking" 95c. Best Weak Smoking \$1.45. Best Smoking \$2.25. Best Burley Smoking \$2.95. Medium Chewing \$1.95. Best Chewing \$3.25. 3 pounds Best Burley \$1.00. 100 Fine Cigars \$3.95. Pay when received. Pound sample prepaid 30c. Satisfaction guaranteed. Catalog free. Kentucky Tobacco Co., Owensboro, Ky.

FOR THE TABLE

4 1/2 POUNDS FULL CREAM CHEESE \$1.40; 5 1/2 pounds \$1.65 postpaid. Roy C. Paul, Moran, Kan.

BLACK WALNUTS, HICKORYNUTS AND other nuts for sale. Prices reasonable. Write Henry Jefferies, Ottawa, Kan.

5 POUNDS SELECTED PECANS \$1.25 postpaid; 17 cents per pound express collect. Three Oaks Farm, Okmulgee, Okla.

COLORADO SPLIT PINTO BEANS, COOK in hour and half. Especially suitable for soup or baking. \$2.90 buys 100 pounds. J. A. Jackson, Woodward, Okla.

\$3.50 FOR 100 POUNDS BEAUTIFUL clean white new crop table rice in double sacks, freight collect. Safe delivery guaranteed. J. Ed. Cabaniss, Box 90, Katy, Texas.

HONEY

CHOICE EXTRACT HONEY, 60 POUNDS \$5.75; 120 pounds \$10.50. T. C. Velra, Olathe, Colo.

FINEST LIGHT, EXTRACTED HONEY, 60 lb. can \$6.50; two \$12.00 here. Amber strained, can \$6.50; two \$12.00. Frank H. Drexel & Sons, Beekkeepers, Crawford, Colo.

AUTO SUPPLIES

AUTOMOBILE MECHANICS, OWNERS, garagemen, repairmen, send for free copy America's Popular Motor Magazine. Contains helpful instructive information on overhauling, ignition wiring, carburetors, batteries, etc. Automobile Digest, 622 Butler Bldg., Cincinnati.

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

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

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PHONOGRAPH RECORDS AND PLAYER piano rolls exchanged. Trade old for new. Stamp brings catalog. Fuller, Wichita, Kan.

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HALF RUSSIAN, HALF STAG PUPS FOR sale. J. A. Whisler, America City, Kan.

WANTED 100 WHITE SPITZ ESQUIMAUX pups. Sunnyside Farm, Havensville, Kan.

FOX-TERRIERS, COLLIES AND OTHER dogs. Puppies a specialty. L. Poos, Dearborn, Mo.

WANTED—50 WHITE ESQUIMO SPITZ pups every week. Also other breeds. Brockway, Baldwin, Kan.

ENGLISH SHEPHERD PUPPIES, NATURAL heelers. Shipped on approval. Send stamp for description and prices. H. W. Chestnut, Kincaid, Kan.

STRAYED

TAKEN UP BY DAVID HAZEN OF Tribune, Kan., Greeley county, Kan., on October 21, 1922, 1 steer, 2 years old, dark red, branded on right hip. Clifford Barnes, County Clerk, Tribune, Kan.

TAKEN UP BY J. W. CUNNINGHAM, OF Hugoton, Stevens county, on September 26, 1922, 1 horse mule, color gray or almost white, age 12, weight about 300 pounds, no marks or brands. C. F. Bell, County Clerk, Hugoton, Kan.

PET STOCK

PUPPIES, CANARIES, PARROTS, GOLDFISH. Catalog. Kansas City Bird Store, Kansas City, Mo.

POULTRY

ANCONAS

PURE ANCONA COCKERELS. Mrs. A. F. LeChien, Melvern, Kan.

SHEPPARD 331 ANCONA COCKERELS. All prices. Mattie Elliott, Milton, Kan.

ANCONA COCKERELS, GIBS LAYING strain. \$2 to \$5. Mrs. Helen Lill, Mount Hope, Kan.

CHOICE ANCONA COCKERELS, \$1.00 UP. Satisfaction guaranteed. Julia Ditto, Rt. 1, Newton, Kan.

ANCONA COCKERELS FROM PAGE'S eggs, \$12.00 per dozen. Jenkins Poultry Farm, Jewell, Kan.

DUCKS

PERIN DUCKS, \$1.25 EACH. CLARENCE Hoffman, Preston, Kan.

MAMMOTH WHITE PERIN DUCKS. Drakes \$2.00. E. W. Kniesel, Baker, Kan.

MAMMOTH PERIN DRACKES \$2.50 EACH. ducks \$2.00 each. From large stock. Vivian Hind, Madison, Kan.

MAMMOTH PERIN DUCKS: WHITE WYANDOTTIE cockerels. Catalog free. Mrs. A. J. Higgins, Effingham, Kan.

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QUALITY BLUE ANDALUSIAN COCKERELS \$3.00; pullets \$2.00. A. A. Neufeld, Linn, Kan. Route 1, Box 50.

GEESSE

WHITE CHINESE, \$4.00 EACH, \$7.50 PAIR, \$11.00 trio. John Maine, Lebo, Kan.
FORTY TOULOUSE GEESSE \$3.00 EACH. Ganders \$4.00. Buff Orpington drakes \$2.00. Fred J. Bernitter, St. Marys, Kan.

HOUDANS

PURE MOTTLED HOUDAN COCKERELS, \$3.00. Henry Haberman, Great Bend, Kan.

HAMBURGS

PURE SILVER SPANGLED HAMBURG COCKERELS \$2.00; pullets \$1.50. Mrs. M. Hoeft, Lenexa, Kan.

LEGHORNS

COCKERELS, S. C. WHITE LEGHORNS. Pure bred, Box 7, Kinsley, Kansas.

FINE PURE BRED S. C. WHITE LEGHORNS cockerels \$1.50 each. Katie Smith, Lebo, Kan.

BARRON STRAIN S. C. WHITE LEGHORN cockerels \$1.00. Westview Farm, Westmore, Kan.

SINGLE COMB WHITE LEGHORN PULLETS, cockerels \$1.00. Write Nellie Freeman, DeSoto, Kan.

SINGLE COMB WHITE LEGHORN COCKERELS \$1.50 each. Barron strain. O. L. Fry, Elmdale, Kan.

SINGLE COMB BUFF LEGHORN COCKERELS, choice color, \$1.25 each. Harry Main, Caldwell, Kan.

SINGLE COMB BUFF LEGHORN COCKERELS \$2.00 each, \$18.00 dozen. Geo. W. Peterson, Riley, Kan.

BARRON S. C. WHITE LEGHORN cockerels, \$1.25 each. Mrs. Walter Christensen, Milford, Kansas.

WHITE LEGHORN HENS, PULLETS; ALSO White Wyandotte pullets. Mrs. Pearl Underwood, Model, Colo.

FERRELLS LEGHORNS, HENS \$8.00 AND \$10.00 per dozen; cockerels \$1.50. Sarah E. Rollins, Gretna, Kan.

WHITE LEGHORN COCKERELS, LAYING strain, \$1.00 each if taken soon. Mrs. Wm. White, Huron, Kan.

S. C. BUFF LEGHORN HENS, PURE buff, heavy layers. \$1.00 each. Mrs. S. C. Watercraft, Rt. 3, Holton, Kan.

ENGLISH S. C. WHITE LEGHORN COCKERELS, heavy laying strain, \$1.50 each. Theodore Gepner, Leonardville, Kan.

SINGLE COMB BUFF LEGHORN COCKERELS, prize winning stock, \$1.25 each; \$12.00 per dozen. Geo. W. Hunt, Blue Rapids, Kan.

BARRON SINGLE COMB WHITE LEGHORNS cockerels sired by 288-304 egg cockerels, \$1.50. Mrs. Henry Wegman, Jr., Sabetha, Kan.

SINGLE COMB WHITE LEGHORN HENS. Two years old and of Wycoff and Oakdale breeding. \$1.00 each. Fishersdale Farms, Wilson, Kan.

IMPORTED ENGLISH BARRON S. C. White Leghorns. Trapnested. Bred to record, 300 eggs. Pullets, cockerels. Bargains. Geo. Patterson, Richland, Kan.

SINGLE COMB DARK BROWN LEGHORN cockerels \$3.00. "Ever-Lay" strain. White Wyandotte cockerels \$2.00. Both expert culled. Mrs. Norman J. Gross, Russell, Kan.

EARLY COCKERELS \$1. BEAUTIFUL, vigorous, Utility White Leghorns. Bred from Paris 264-300 egg winners. None better. Order quick. Ross Salmon, McFarland, Mo.

ORPINGTONS

PURE WHITE ORPINGTON COCKERELS, \$2.00 and \$3.00. D. E. Oplinger, Jewell, Kan. Route 4.

LARGE BUFF ORPINGTON COCKERELS from especially selected stock. Mrs. Vera H. Haynes, Grantville, Kansas.

PURE BRED BUFF ORPINGTON COCKERELS, prize winning stock, \$3.00. Mrs. B. A. Sherman, Valley Falls, Kan.

SINGLE COMB BUFF ORPINGTON COCKERELS, range raised, \$1.50, \$2.00 and \$3.00 each. W. G. Saip, Belleville, Kan.

SINGLE COMB BUFF ORPINGTON COCKERELS, the big kind, \$3.00 each. Satisfaction guaranteed. Russell Welter, Grantville, Kan.

S. C. W. ORPINGTON COCKERELS \$2.50 each. S. C. B. Leghorn cockerels \$1.00 each. Mrs. Ewing White, Saint Francis, Kan.

PLYMOUTH ROCKS

WHITE ROCK COCKERELS \$2.00 EACH. Mrs. Sam Lash, Abilene, Kan.

PURE BUFF ROCK COCKERELS \$1.50. M. G. Ramsay, Minneola, Kan.

BARRON ROCK COCKERELS \$2.50. BRADLEY strain. Carl Melnhertz, Barnard, Kan.

BARRON ROCK COCKERELS FROM CERTIFIED birds. Sylvan Miller, Humboldt, Kan.

WHITE ROCK COCKERELS, EXTRA fine. \$1.50. Hjalmar Johnson, Eskridge, Kan.

NOVEMBER SALE: PURE RINGLET Bred Rock cockerels at half price. Mrs. A. Chapp, Ozawie, Kan.

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

RINGLET BARRON ROCK COCKERELS \$3.00. Standard color, deep barring. Mrs. Ressler, Junction City, Kan.

FINE PURE BRED WHITE ROCK COCKERELS from prize winners, \$2.00 and \$3.00. Albert Trambly, Goodland, Kan.

BUFF ROCK COCKERELS, PEN HEADERS. Also pullets. Birds shipped on approval. E. H. Kelly, Stafford, Kan.

WHITE ROCK COCKERELS FROM TRAP-nested 200 eggs and over ancestors. \$2.25. \$1.00 each. C. L. Loewen, Hillsboro, Kansas.

FINE BARRON ROCK COCKERELS—bred for laying and exhibition; yellow legs; narrow barred; \$1.00 to \$2.00. John O'Shea, Baine, Kan.

PLYMOUTH ROCKS

VIGOROUS BARRON ROCK COCKERELS; single comb \$2.00; rose comb \$3.00. Floyd D. Forristall, Rt. 1, Saffordville, Kan.

FINE BARRON ROCK COCKERELS BETTER than ever, \$2.00 and up if taken soon. Wm. C. Mueller, Hanover, Kan., Route 4.

BARRON ROCK COCKERELS \$3.00; BRADLEY strain direct, expert culled. Satisfaction guaranteed. Mrs. Norman J. Gross, Russell, Kansas.

RHODE ISLANDS

DARK SINGLE COMB RHODE ISLAND Red cockerels \$1.50. Harry Knoll, Fortus, Kan.

RHODE ISLAND WHITE COCKERELS, extra fine quality. Hilmer Ruhnke, Junction City, Kan.

SPECIAL LARGE DARK SINGLE COMB cockerels, \$3.00. Mrs. Williams, nee Trapp, Wetmore, Kan.

STANDARD ROSE COMB RED COCKERELS. Early hatch. \$3.00 each. Eggs in season. Joe Kellogg, Ogallah, Kan.

FORTY PURE BRED R. C. RHODE ISLAND White Cockerels, early hatch, large type. Ray B. King, Conway Springs, Kan.

FOR SALE: PRIZE WINNING ROSE COMB Rhode Island White cockerels and pullets, \$2.00. H. F. Kneisel, Powhattan, Kan.

SINGLE COMB RHODE ISLAND COCKERELS, \$1.50 and \$3.00. Dark red. W. E. Richardson, Barnard, Kan., Box 128.

R. C. RED COCKERELS FROM 300 EGG strain, \$2.00 and \$3.00 during November. Pullets \$3.00. Maud Smith, Alden, Kan.

SINGLE COMB DARK RED, BIG BONED cockerels, from penned stock, \$1.50 to \$3.50. Mrs. Lizzie Anderson, Blue Mound, Kan.

HOGANIZED TOMPKINS STRAIN REDS and Alphonso strain Whites. Champion winners. L. F. Cyr, member American Poultry Association, Clyde, Kan.

JOHNSON'S S. C. REDS; 100 COCKERELS and pullets for sale. From penned matings; blue ribbon cocks as sires. Rich Red strain. J. C. Johnson, Mt. Hope, Kan.

S. C. REDS; Sires from PIERCE'S FIVE generations, 300-egg hens. March and April hatched. \$3 and \$5. Satisfaction guaranteed. Mrs. Royal Henderson, Munden, Kan.

REGISTERED STOCK—SIX HENS THAT have been under trap for the past year, have just completed their wonderful record, three of them going into the 300 egg class. The other three were close to the 300 egg mark. Will send you photographs and other information free. Write me. Albert G. Requa, breeder Rose Comb Reds, Caney, Kan.

TURKEYS

LARGE BOURBON RED TOMS, \$8.50; hens \$6.50. David Keller, Chase, Kan.

LARGE BRONZE TURKEYS, TOMS \$7.00; Hens \$5.00. H. E. Crist, Scott City, Kan.

PURE BRED BOURBON TURKEYS, TOMS \$10.00; hens \$6.00. Mrs. C. F. Hisey, Holcomb, Kansas.

FINE LARGE BONED MAMMOTH Bronze Turkeys, Toms \$10 each. Vivien Hind, Madison, Kan.

PURE BRED MAMMOTH BRONZE TOMS, \$10.00 and \$20.00; pullets \$6.00. Emil Osburn, Chapman, Kan.

TURKEYS: MAMMOTH BRONZE EARLY hatch toms \$10. Hens \$7. Mrs. Jim Stewart, Milan, Kansas.

WHITE HOLLAND TOMS \$7.00; HENS, July hatch, \$4.00 till December 1. Florence Binard, Burlington, Colo.

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

MAMMOTH BOURBON RED TURKEYS. Result fifteen years careful breeding. Satisfaction guaranteed. Reasonable prices. James Milholland, Bellaire, Kan.

LARGE BONED PURE WHITE HOLLAND Toms \$12.00 each. Hens \$8.00. Sired by first prize tom State Fair September, 1922. Elmer McPherson, Dighton, Kansas.

WYANDOTTES

WHITE WYANDOTTE COCKERELS FOR sale. Keller strain, good ones. John A. Robson, Rt. 1, Mayetta, Kan.

MARTIN STRAIN ROSE COMB WHITE Wyandotte cockerels for sale, \$3.00 each. Henry Timken, Elson, Kan.

POULTRY PRODUCTS WANTED

WE PAY THE HIGHEST MARKET FOR poultry. Ship to Witchey & Co., Topeka.

TURKEYS, DUCKS, GEESSE, CAPONS wanted. Coops loaned free. "The Copes," Topeka.

PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

SEVERAL VARIETIES

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

5,000 BREEDERS, CHEAP, ALL VARIETIES. Chickens, Ducks, Geese, Turkeys and Guinea. Hamiltons Poultry Co., Garnett, Kan.

WHITE WYANDOTTE COCKERELS \$2.00 and \$3.00; Buff Leghorns \$1.50; White African Guinea \$1.50. Mrs. O. O. Richards, Beverly, Kan.

FOR SALE: COCKERELS, PURE BRED Wyandottes, Rocks, Langshans and Orpingtons. Langdon Poultry Club, Mrs. G. G. Wright, leader, Langdon, Kan.

FINE SINGLE COMB WHITE LEGHORN cockerels \$1.50; 1 Mammoth White Holland Tom, \$12. White African Guinea, pair \$1.50. Mrs. Henry Fosha, Louisville, Kan.

PURE BRED POULTRY. MAMMOTH Bronze Turkeys, Toulouse Geese, S. C. White Leghorn Cockerels. Satisfaction guaranteed. George Schultis, Sylvan Grove, Kan.

The average planting of grain sorghums in Kansas for the last five years has been 1,539,949 acres.

There are more horses now than before the introduction of gasoline.

'Action Front' With Chinch Bugs

BY H. M. BAINER

Chinch bugs hibernate over winter. They protect themselves by hiding under trash, dead grass and around the crowns of bunch grass. Their winter home is largely along fences, road sides, ravines, waste lands and pastures. Serious destructive outbreaks of the pest in wheat fields have been traced directly to the influence of shocks of corn allowed to stand in the wheat field thruout the winter. During the following March and April, the bugs that have lived thru the winter come out of hiding and fly to the growing wheat or oat fields, where they deposit their eggs. A female lays about 500 eggs, and these hatch and begin doing their damage approximately in 60 days.

By harvest time a few of them may have wings, but most of them will not, consequently they travel "on foot" from the wheat or oats to the corn, kafir, sorghum or some other crop. After becoming full grown and doing a great deal of damage, these bugs deposit another bunch of eggs for another brood, which will come along about 60 days later. It is the bugs of this second brood that live over winter, and which we must destroy now if we prevent their damages next season.

There are two general ways of destroying them in their winter quarters—by plowing and by burning; burning being far more effective. In badly infested field of corn, kafir and similar crops, it is an excellent plan to harvest and pasture early and then plow before the ground freezes. Fall or early winter plowing usually proves best for winter planting; besides it destroys many chinch bugs that are hibernating in the stalks, among the weeds, under trash or under freshly spread manure.

Burn or remove every possible hiding place. Burn when grass and weeds are dry and when there is very little wind. In order to burn close to the ground and insure killing a large percentage of the bugs, it is often advisable to back-fire and burn against the wind. Be sure to burn all bunch grass. By thoro burning between now and Christmas, bugs that are not destroyed by fire will be exposed during the winter and many that remain will die before spring.

Business and Markets

(Continued from Page 30)

the range varied only from 1 cent to 5 cents during the whole period.

However the revival of war talk in Europe caused wheat futures to follow a higher course early in the week and prices went up from 1 cent to 2 cents at a time, but later most of the gains were lost on account of limited export buying and the promise of railroads to relieve the car shortage.

The Government crop report recently issued shows a corn yield for the United States of 2,396 million bushels or an increase of 43 million bushels over the estimate made for last month. However, this is a decrease of 184 million bushels from last year's crop. Farm reserves are estimated at 179 million bushels as compared with a 5-year average of 89 million bushels. The total crop and farm reserve will aggregate 3,075 million bushels, or 311 million bushels less than that for last year. Corn futures showed a decline of 1/4 cent for December, but deliveries for other months showed gains ranging from 1/2 to 1 cent.

Quotations on Futures

The following quotations on grain futures at Kansas City are given:

December wheat, \$1.08 1/4; May wheat, \$1.06 1/4; July wheat, 98 1/4; December corn, 65 1/4; May corn, 66 1/4; July corn, 66 1/4; December oats, 42c.

On cash sales prices for all grades of wheat were practically unchanged. The following quotations are given at Kansas City:

No. 1 dark hard wheat, \$1.18 to \$1.22; No. 2 dark hard, \$1.17 to \$1.22; No. 3 dark hard, \$1.10 to \$1.21; No. 4 dark hard, \$1.15 to \$1.19.

No. 1 hard wheat, \$1.16 to \$1.20; No. 2 hard, \$1.16 to \$1.20; No. 3 hard, \$1.14 to \$1.19; No. 4 hard, \$1.12 to \$1.18.

No. 1 red wheat, \$1.18 to \$1.19; No. 2 red, \$1.17 to \$1.18; No. 3 red, \$1.11 to \$1.16; No. 4 red, \$1.08 to \$1.11.

Corn is reported unchanged in price. Oats and kafir also show but little

change. The following prices are quoted at Kansas City:

No. 2 white corn, 72 1/4c; No. 3 white, 72c; No. 4 white, 71 1/4c; No. 1 yellow corn, 72 1/4c; No. 3 yellow, 72 1/4c; No. 4 yellow, 72c; No. 2 mixed corn, 72 to 72 1/4c; No. 3 mixed, 71 1/4c; No. 4 mixed, 71c.

No. 2 white oats, 46c; No. 3 white, 44 1/4c; No. 4 white, 43 to 44c; No. 2 mixed oats, 44 to 45c; No. 3 mixed, 43 to 44c; No. 2 red oats, 58 to 62c; No. 3 red, 56 to 60c; No. 4 red, 50 to 55c.

No. 2 white kafir, \$1.73 a hundred-weight; No. 3 white, \$1.72; No. 4 white, \$1.70; No. 2 milo, \$1.78; No. 3 milo, \$1.77; No. 4 milo, \$1.75.

No. 2 rye, 81c; No. 3 barley, 66c; No. 4 barley, 64c.

Hay Market Is Unchanged

There is practically no change in hay quotations at Kansas City. All grades of hay except low grades of alfalfa sold readily. The following prices are quoted at Kansas City:

Selected dairy alfalfa hay, \$26 to \$27 a ton; choice alfalfa, \$26 to \$27; No. 1 alfalfa, \$23.50 to \$24.50; standard alfalfa, \$20 to \$23; No. 2 alfalfa, \$17.50 to \$19.50; No. 3 alfalfa, \$15 to \$17.

No. 1 prairie hay, \$14.50 to \$15; No. 2 prairie, \$12.50 to \$14; No. 3 prairie, \$9.50 to \$12; packing hay, \$8.50 to \$9.

No. 1 timothy hay, \$15 to \$16; standard timothy, \$13.50 to \$14.50; No. 2 timothy, \$12 to \$13; No. 3 timothy, \$9.50 to \$11.50.

No. 1 clover hay \$14.50 to \$15.50; No. 2 clover, \$11.50 to \$14.

Straw, \$8.50 to \$10.

Good Broomcorn in Demand

Good broomcorn is in demand at Kansas City and prices are firm for quality stuff. The following quotations are reported there: Fancy whisk brush, \$350 a ton; fancy hurl, \$300 to \$325; choice Standard Broomcorn brush, \$290 to \$315; medium Standard, \$280 to \$300; medium Oklahoma Dwarf, \$240 to \$260; common Oklahoma Dwarf \$210 to \$220.

Wintering Bees in Kansas

BY W. R. HARDER

Outdoor wintering of bees, especially as it is practiced in Kansas, requires strong colonies. A large number of bees must be reared in the late summer and early fall in order to have strong colonies for winter. Stimulative feeding to produce an extra brood may be practiced in regions where fall nectar is not available, as is frequently the case in northern districts. Soft sugar is commonly used for this purpose.

With a strong colony, or prospects for one, a second requirement is faced. Honey must be present in a sufficient quantity to feed the swarm at least until the hives are unpacked, and preferably until new honey is available. As little as 30 pounds may be consumed by a colony during the winter, but frequently 50 pounds are needed.

Protection from the weather is important. This protection may be of two types—natural and artificial. The first should be considered in locating the site for an apiary. Such barriers as hills, bushes, timber and even stone walls are very beneficial in protecting colonies.

Bees are able to endure extreme cold. Temperatures as low as zero Fahrenheit have been endured, but only with some loss and a general weakening of the colonies. Near this temperature or lower, bees meet death by freezing or by over exertion in attempting to keep up the temperature in the hive by muscular activity. In such activity the bees consume excess amounts of honey. A. D. and A. E. Root state that overeating causes overloading of intestines, and eventually causes the fatal disease of dysentery, which destroys the vitality of the colony very rapidly.

Overeating may be prevented by keeping the colony so warm that muscular activity will be reduced to a minimum. Proper packing costs less than the extra honey which is required for feeding bees in unpacked hives. With packed colonies, the stores will be larger in the spring, and the hives will be warmer, both of which are necessary in order to have active queens. Active queens in the spring mean early broods and early broods are essential in order to have bees for gathering the early honey flow.

The hardest part of having a tooth pulled is the anticipation.

SPOTTED POLAND CHINA HOGS

Bazant's Big Spots

You are sure to buy when you get my prices on big, heavy boned, well grown, well spotted spring boars sired by

Three Great Sires

and out of my big 600 and 700 pound herd sows.

Write quick if you want a boar.

200 pigs—yearlings. A great opportunity to get in the business cheap. A pedigree with each pig. Pairs, trios or larger numbers not related. Address

R. J. Bazant

Narka, Kansas, Republic County

25 Big Growthy Spring Boars

The tops of 50 head. Immunized and shipped on approval. Also bred gilts. Also purebred August and September pigs at \$12.50 each. Grandfathers Arch Back King 11419 and Leopard King 6339. Also three white Scotch Collie pups. Write to T. L. Curtis, Dunlap, Kan., Morris Co.

Anderson's Spotted Polands

Big, growthy spring boars, well grown and well bred. Am quoting them low to make room. Also have some choice gilts bred to Lineal King, a son of Arch Back King. Have a nice bunch of yearling pigs at \$13.50 each or trios for \$35.00. Express paid.

W. M. Anderson, Hardy, Neb., Nuckolls Co.

Cloverdale Stock Farm Offers

Unrelated trios of big boned, well marked August and early September farrow, weighing up to 60 lbs., sired by Royal Duke 45063, son of the \$15,000 Y's Royal Prince 8th, and Silver King 60553, an O. & K's Pride boar. Dams of popular Indiana and Ohio breeding. Single pigs \$17.00, trio \$45.00. Express paid. February gilts bred for February or March litters \$10.00, express paid. Satisfaction guaranteed or money back.

W. M. ATWELL, Burlington, Kansas

Weddle's Spotted Polands

Bred sows and gilts, early or late farrow. Unrelated spring trios, spring or fall boars. English or Standard bred. Big type or medium. Immunized. Guaranteed.

THOS. WEDDLE, Valley Center, Kan., R. 2. Telephone Kechi, 1551.

1000 Pound Carlson's Spotted Chief

25 big, type, well grown and well bred spring boars. Some splendid herd prospects by Lynch's Booster. The big litter kind. Write for reasonable prices.

LYNCH BROS., JAMESTOWN, KAN.

SPRING AND FALL PIGS

Both sex, sows with pigs. Popular breeding. EARL GREENUP, Valley Center, Kansas.

Spotted Poland Boars

All ages. W. L. Rockhill, Springfield, Colo.

GREENLEAF'S SPOTS—Bred Gilts, Tried Sows, Yearling Pigs, Immune, guaranteed. J. O. Greenleaf, Mound City, Kan.

POWELL'S SPOTTED POLANDS

Tried sows, spring gilts, spring and yearling boars and aged sires. Modern type. Popular families. D. E. POWELL, El Dorado, Kan.

SPOTTED POLAND CHINAS, registered, immune. Satisfaction guaranteed. Priced for the farmer. Hubert Sherman, Geneva, Kan.

HAMPSHIRE HOGS

Hampshire Bred Sows, Boars, Pigs. Sell one or a carload. Pigs Cholera immune. Write for free price list. WICKFIELD FARMS, F. F. Silver, Prop., Box 8, Cantril, Iowa.

Farmer's Ranch Hampshires

Breeding stock for sale at all times. FARMER'S RANCH, LA PEGNE, KANSAS

CHOICE HAMPSHIRE, BOTH SEXES. Not related. Spring boars weighing 200 lbs. and up. Priced for quick sale. S. E. Westbrook, Kirwin, Kansas.

CHOICE SPRING BOARS AND GILTS. Sired by or bred to the Grand Champion boar of Kansas. Special prices on trios of fall pigs shipped on approval. F. B. WEMPE, Frankfort, Kan.

REGISTERED YEARLING HERD BOAR. Price \$50; also yearling pigs, either sex. Malcolm Woodson, Penasola, Kan.

100 SPRING GILTS AND BOARS. Well bred. Priced to sell. W. F. Dresser, Route 3, Emporia, Kansas

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

W. B. CARPENTER, AUCTIONEER

Livestock, Land & Lot Specialist. 15 years Pres. Largest Auction School. 818 Walnut St., 3rd Floor, Kansas City

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219 Beacon Bldg., Wichita, Kan.

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Livestock and Real Estate Auctioneer. WELLINGTON, KAN.

Jas. T. McCulloch, Clay Center, Kan. My reputation is built upon the service you receive. Write, phone or wire.

Homer Boles, Randolph, Kan., Stock Sales, land sales and big farm sales. Write or phone as above.

M. C. Pollard, Carbondale, Kansas. Purebred stock sales. Poland China hogs a specialty. Write or phone for data.

What's New in Livestock

BY OUR FIELDMEN AND REPORTERS

THE idea of holding a good local livestock show in connection with public sales of purebred animals steadily gains ground and contributes importantly to the success of many public sales. A recent example was the sale of Shorthorn cattle held by the Haigler Ranch, the latter part of October. In this sale an average was made on the entire offering of over \$165 a head, females averaging right at that figure and bulls going \$2 or \$3 higher. Tops were respectively \$370 and \$400, the buyers being Thomas Andrews, Cambridge, Neb., and Charles Burnham, St. Francis, Kan.

The show held in connection with the sale was not limited to Shorthorns but included all the breeds of cattle and hogs numerous in that locality, and lasted two or three days.

Many States to Show Shorthorns

An examination of the Shorthorn entry list in the coming American Royal Livestock Show indicates that nothing less than state fair winners will be exhibited. A number of breeders with good herds are entering from only one animal to six animals apiece. A total of 384 Shorthorn cattle have been entered.

The Shorthorn entries are made up of 236 head in the breeding classes and 48 in the steer sections.

Ten states and 42 exhibitors will make the 1922 Shorthorn show at the Royal broadly representative of the best Shorthorns ever shown at the Royal. W. H. Pew, Ravenna, Ohio, will judge the Shorthorns at the American Royal this year.

Kansas Herefords at Kansas City

Kansas Hereford herds will be represented by 53 entries from seven exhibitors at the American Royal Livestock Show to be held in the new half-million dollar building, November 18-25, at Kansas City.

Robert H. Hazlett, capitalist and breeder of Eldorado will show 19 head from his big herd. Mr. Hazlett has been a leading breeder for many years and an enthusiastic and successful exhibitor. His herd is famous for many animals, including the great Hereford bull, Bocaldo 6th, a grand champion, bred by Mr. Hazlett and sire of many of the Hazlett winners. Mr.

Hazlett is president of the American Royal this year.

Paul Junod, Jr., of Vermillion, will exhibit eight head. This is his second appearance at the Royal, tho his show herd has been seen at several state fairs in this and past seasons.

Klaus Brothers of Bendena, old established breeders, will show 10 head. They have exhibited at many Royal shows in the past.

From Kinsley will come G. L. Mathews & Son with nine Herefords. The Mathews herd made strong showings at the Kansas State Fair and Kansas Free Fair and the Oklahoma State Fair this year. Lady Regulator 9th, a Mathews entry, has won several championships. Another Mathews Hereford, Regulator 1st, was senior champion bull at Hutchinson.

A. L. Paul of Eskridge has made one entry. Dan D. Casement of Manhattan, nationally known cattle feeder, will show a Hereford steer.

The Kansas State Agricultural College at Manhattan, which maintains a herd of Herefords for educational purposes, will show five Hereford steers.

The 53 Hereford entries from Kansas are part of the 660 head of Herefords which will make the 1922 Royal Hereford Show the greatest exhibition of Herefords ever assembled in an American arena, according to an announcement made by the American Hereford Association after tabulation of the entries. Sixty breeders from 15 states will participate.

Astonishing Horse Show Prospects

Astonishing as it may be to many of us, prospects are that the greatest showing of pleasure and light utility horses ever made in Kansas City will constitute the night show of the American Royal, November 20 to 25.

Allen M. Thompson, Nashua, Mo., manager of the night horse show says that entries are such as to guarantee the biggest night horse show events ever seen in Kansas City. From New York to Portland, Ore., entries are coming in. All the famous Kentucky stables will be represented, he said, and Missouri, Kansas, Oklahoma, Texas, Colorado, among the Western states are sending entries. A half dozen stables will come from Chicago and more than a half dozen Kansas

The Harvest Picnic Grounds



The Unscrupulous Middleman Hammers Down the Prices of Crops Until They Make the Farmer No Adequate Return for His Risks and Work

POLAND CHINA HOGS

BIG BLUE VALLEY BOARS

March and April farrow, weighing from 150 to 300 lbs., by BIG BONE DESIGNER by Designer, and JUMBO BLACK JACK, a boar that stands 46 inches high, Out of 750 and 800-lb. dams. The big bone, big litter, advance type.

THE BLUE VALLEY STOCK FARM
Thos. Walker & Sons, Props.,
Alexandria, Neb.

Miles Austin's Polands

Bred sows and gilts, spring boars, fall pigs. Type and thrifty. By Austin's Yankee Giant, M's Pride, and son of Liberator. MILES AUSTIN, BURTON, KAN.

Elk Creek Valley Polands

February and March boars and gilts, immunized, and mated to those that won at the north central Kansas Fair this fall. Prices right.

GEO. WHARTON, AGENDA, KAN.

Big Type Spring Boars and Gilts

Some of them, by Big Orange are especially classy, but all are extra good. August and Sept. boars, wt. up to 90 pounds, extra good. Attractive prices.

JOHN HENRY, LECOMPTON, KAN.

The Lone Cedar Polands

The Yankee Jr. by The Yankee for sale; also fall pigs by him, either sex, good ones. Also my Red Poll herd bull.

A. A. MEYER, McLOUTH, KANSAS

Pearl's Big Type Polands

Spring boars and gilts sired by Tip Top Timm No. 124845. 900 lbs at 2 years old.

ELMER E. PEARL, WAKEENEY, KAN.

Schoenhofer's Immuned Polands

Serviceable aged boars, \$25; bred sows and gilts, fall pigs, priced right.

GEO. J. SCHOENHOFER, Walnut, Kan.

DEMING RANCH BRED FEMALES

Young sows and gilts to farrow August and September. Bred to The Latchin and Ranch Yankee. A fine lot of spring pigs, both sex. We'll take care of all your needs for Polands.

H. O. Sheldon, Supt. Hog Department, Oswego, Kan.

Early May Boars \$25.00

Approved sows accepted to service of Sterling Butler. Write your wants. Ross McMurry, Burton, Kan.

Grand Champion Boar

Russell Fair, \$35.00. Write for prices on Poland Chinas. LYLAL TRAPP, WALDO, KAN.

CLINE BROS.'S POLANDS

Fall boars, spring gilts and boars by The Cracker Jack, Orange Pete, King Kole, and Peter Pan.

Cline Bros., Coffeyville, Kansas

CHESTER WHITE HOGS

BIG TYPE CHESTER WHITES

THE prize winner kind from the best prize winter bloodlines. Early developers, ready for market at six months old. I have started more breeders on the road to success than any man living. I want to place one hog in each community to advertise my herd. Write for agency and my plan.

G. S. BENJAMIN, R. F. D. 34, Portland, Mich.

Chester White Boars

Spring farrow; immunized; new blood for my old customers. Bred sow sale Jan. 30. This is the home of The Constructor, Jr. Champion Neb. State Fair, 1922. Satisfaction guaranteed.

ALPHA WIEMERS, Box B, DILLER, NEB.

Springdale Farm Chester Whites

20 early spring boars, just the tops of our spring crop. Also 30 gilts, their sisters, priced and open or will hold and breed them. We also breed Red Poles and offer some choice young bulls.

W. E. ROSS & SON, Smith Center, Kan.

Chester White Boars and Gilts

For sale. Early spring boars priced low for quick movement. From prize winning strains and most fashionable bloodlines. Write.

E. M. WECKARDS, 817 Lincoln St., TOPEKA, KAN.

Big Type Chester White Boars

By Chief Justice 2nd, first prize aged boar Neb. State Fair 1922. Immunized. Shipped C. O. D. on approval. Free photos and priced right. Also 1922 fall boars. Write for circular.

HENRY WIEMERS, Box 11, DILLER, NEB.

Prices Slashed on March Boars

Entire herd for sale. Everything immune. The old reliable Henry Murr, Tonganoxie, Kan.

10 O.I.C. Boars, 40 Fall Pigs

HARRY HAYNES, GRANTVILLE, KANSAS

Weanlings of Prize Winning Stock

VERG CURTIS, LARNED, KANSAS

Choice Chester White Spring Boars

Immunized. \$20 to \$25. A. H. Kneppel, Colony, Kan.

WEANLING PIGS, BY HENRY'S PRIDE

first in class, and Don Milligan, sire of 1922 Kansas grand champion.

H. C. Krause, Hillsboro, Marion Co., Kan.

SPRING BOARS AND FALL PIGS, both

sexes, by Neb. Giant by Wiemer's Giant and Albino, a Chickasaw Kossuth sire. E. E. Smiley, Perth, Kan.

HORSES AND JACK STOCK

6 Percheron, Ton Breeding Stallions

7 reg. Jacks (own raising). Colts and mules to show, very choice stock with size and weight, desirable ages, dark colors.

GEO. SCHWAB, CLAY CENTER, NEB.

GREAT SHOW AND BREEDING JACKS

Priced right. Hinson's Jack Farm, Dighton, Kan.

SHETLAND COLTS AND YEARLINGS

For Sale. Mrs. J. C. Robinson, Harper, Kan.

When writing advertisers mention this paper

city stables will be represented at the night horse show.

One scarcely realizes that so many establishments exist for breeding and training saddle and driving horses, but Allen Thompson says, "Come to the 'Royal' if you desire to see the proof."

Record Show for Herefords

As many as 119 head of Herefords have been entered in a single class of the American Royal, the class for senior heifer calves. In the senior bull calf class 73 entries are made. In the whole show 660 Herefords are entered by 60 breeders from 16 states.

Many famous herds are entered from Missouri, Kansas, Iowa, Illinois and Texas—states noted for the excellence of their Herefords. Brookvale Farm of Windsor, Mass., will exhibit 12 head. Other states to be represented are Colorado, Mississippi, Nebraska, West Virginia, Oklahoma and Wisconsin.

Hereford entries at the 1922 show are practically double those of last year, when 333 head were shown. In 1920, 434 head were exhibited. The 660 entries for the coming Royal set a new record in numerical strength and will make the exhibit the greatest in American Hereford history. The dates of this Kansas City show are November 18 to 25.

J. P. Johnson's Duroc Sale

John P. Johnson, Lindsborg, Kan., on October 18 sold Durocs as follows: Seventeen March boars at an average of \$30.50 with top of \$47.50 to Albert Johnson, Lindsborg, Kan. Thirty March gilts averaged \$28.35, with top of \$38 to John Anderson, Assaria, Kan. Many buyers were in attendance who rapidly absorbed the offering as it came thru the sale ring.

More Good Rains in Kansas

(Continued from Page 28)

Many young farmers are seeking other employment. Rural market report: Potatoes, \$1; apples, shipped in, \$1.25.—S. Canty.

Woodson—The weather is excellent and wheat is making a splendid growth. There is a good stand but the acreage is 30 per cent less than last year. The fall sown alfalfa is a good stand and it is in prime condition. Kafir now is being headed and threshed. Some will be shipped out but about 70 per cent of it will be fed. Rural market report: Kafir, \$1.40 cwt.; corn, 50 to 55c; prairie hay, No. 2, \$10; eggs, 40c.—E. F. Opperman.

Colorado Crop Report

Heavy rains visited most sections in Eastern Colorado last week and in many sections this was followed by snow and freezing weather. In Denver more than 5 inches of snow fell and freezing weather followed. The snow will be of great benefit to the pasture ranges in supplying additional moisture when the snow melts. Farm conditions now are regarded as generally favorable in the eastern part of the state.

However, most of the farmers were prepared for the cold weather and have plenty of feed on hand. During the present year the number of silos was slightly increased. The Colorado State Immigration Board reports that Colorado farmers this year have 3,809 silos as compared with 3,774 in 1921. Weld county leads with 523 silos; Adams county is second with 363, and Boulder is third with 267. Sixteen counties report no silos, and 13 report more than 100 silos apiece.

"BROUGHT 75 PER CENT OF BUYERS"

Kansas Farmer and Mail and Breeze, Gentlemen: Inclosed find check of \$101.34 to balance account of our Association. Your ad brought 75% of our buyers. Mr. McCulloch was not with us, being sick. Col. Myers was in the box, Col. J. B. Heinen relieving him on last end of sale. 49 head of purebreds were sold at average of \$121.60. 23 head cows and heifers over one year sold at average of \$172.00. Highest cow, \$235.00. Highest bull, \$175.00. Highest 9 months heifer, \$150.00. 30 head over \$100.00.—O. L. McCoy, Sales Mgr., The Northwest Kansas Holstein-Friesian Association, Glen Elder, Kan., October 30, 1922.

The tractors listed in Colorado this year number 3,756 and they are growing in popularity. Increases in tractors this fall are noted in Kiowa, Cheyenne, Prowers, and Baca. Weld county leads with 473 tractors, Logan is second with 409, Phillips is third with 279, and Kit Carson is fourth with 226. Only five counties report no tractors.

Local conditions of crops, livestock, farm work and rural markets in some of the counties of the state are shown in the following special reports:

Adams—A precipitation of 1 inch on November 4 relieved the 70-day drouth. Forty per cent of the wheat remains to be planted and that which was planted early suffered from the continued dry weather. Livestock are going into winter in splendid condition, but it is feared there will be a shortage of feed. Many public sales are being held as a few farmers are quitting the farm.—F. W. Haupt.

Cheyenne—We have had practically no rain since harvest. A large acreage of wheat was sown in the dry ground but a half inch rain on November 4 will sprout this grain. Corn shucking is progressing and huskers are being paid from 5 to 7 cents a bushel. Corn sells for 50 and 60 cents a bushel to local feeders.—J. W. Adams.

Lincoln—Wheat, rye, barley and oats crops were below average in yield due to the dry weather but were above normal in acreage. There is a large acreage of corn which is very satisfactory in yield and quality. This fall's seeding of wheat and rye is backward due to the continued dry weather. Cattle are in excellent condition because of the mild weather and the good grass. Farm labor is plentiful. Rural market report: Wheat, \$8; corn, 50c; cattle, average, \$6.50; hogs, \$8.—Burton Rice.

Washington—The wheat acreage is about half as large as usual and very little of it is up because of the continued drouth. Interest in cattle is being supplemented by hogs and corn, due chiefly to the breaking up of the ranges. Money seems to be plentiful at current rates when the borrower wishes to make purchases of necessary livestock or improvements for their care. Market prices are satisfactory but the car shortage remains unimproved.—Roy Marple.

Public Sales of Livestock

Aberdeen-Angus Cattle
Dec. 7—Geo. Dietrich, Carbondale, Kan.

Jersey Cattle
Nov. 22—Veatch Farm, Kiowa, Kan.
Nov. 28—D. C. Knouse, Horton, Kan.
Dec. 5—L. A. Poe, Hunnewell, Kan.

Polled Shorthorns
Dec. 13—Geo. Hammond, Smith Center, Kan.

Shorthorn Cattle
Nov. 22—American Royal Sale, Kansas City, Mo.

Nov. 28—Davis Bros., Pawnee City, Neb.
Nov. 29—J. A. Axtell, Fairbury, Neb.
March 27, 28, 29—Central Shorthorn Breeders' Ass'n., Kansas City, Mo.

April 26—North Central Kansas Breeders' new sale pavilion, Beloit, Kan.

Hereford Cattle
Dec. 14-15—A. J. Gaudreault, Hastings, Neb.

Holstein Cattle
Nov. 23—H. S. Engle, Abilene, Kan.
Nov. 27—E. H. Bock & Sons, Wichita, Kan.
Dec. 6—Geo. Flesner, Stillwater, Okla.

Dec. 7—Albert Early, Rago, Kan.
Dec. 7—Albert Early, Rago, Kan.
Dec. 7—Albert Early, Rago, Kan., and R. R. Matlock, Basil, Kan. Sale at Rago, Kan.

Dec. 14—Southern Kansas Breeders, Wichita, Kan.

Dec. 14—Breeders' sale, Wichita, Kan.
Jan. 25—Kansas Asso. Show Sale, Wichita, Kan.

Mar. 1—Wm. M. England, Ponca City, Okla.

Brown Swiss Cattle
Nov. 22—Dahlem & Schmidt, Eldorado, Kan.

Duroc Jersey Hogs
Dec. 8—W. D. McComas, Wichita, Kan.
Dec. 13—J. F. Larimore & Sons, Grenola, Kan.

Jan. 15—Geo. Briggs & Sons, Clay Center, Neb.

Jan. 30—G. O. Cleaves, Valley Center, Kan.
Jan. 23—C. T. White & Son, Lexington, Neb.
Jan. 31—P. N. Marsh, Sedgwick, Kan.

Jan. 31—W. H. Rasmussen, Norfolk, Neb., night sale.

Feb. 1—L. R. Massengill, Caldwell, Kan.
Feb. 2—W. R. Huston, Americus, Kan.
Feb. 2—Ruston Stock Farm, Benton, Kan.

A. B. Ralston, Mgr. Towanda, Kan.
Feb. 3—E. G. Hoover, Wichita, Kan.
Feb. 5—L. J. Healy, Hope, Kan.

Feb. 5—G. M. Shepherd, Lyons, Kan.
Feb. 5—L. D. Spence & Sons, Crab Orchard, Neb.

Feb. 6—Putman & Son, Tecumseh, Neb.
Feb. 6—Ross M. Peck, Gypsum, Kan.
Feb. 6—Wm. Fuels, Langdon, Kan.

Feb. 7—Woody & Crowl, Barnard, Kan.
Feb. 7—Zink Stock Farm, Turon, Kan.
Feb. 8—E. B. Norman, Chapman, Kan.

Feb. 8—Stafford Co. Duroc Breeders' Association, Stafford, Kan.

Feb. 9—J. F. Martin, Delevan, Kan.
Feb. 9—Frank J. Schaffer, Pratt, Kan.
Feb. 9—W. H. Hilbert, Corning, Kan.

Feb. 10—S. & R. G. Cooley, Plymouth, Kan.
Feb. 10—Pratt Co. Duroc Association, Pratt, Kan.

Feb. 12—H. G. Eshelman, Sedgwick, Kan.
Feb. 12—Mitchell county breeders, Beloit, Kan.

Feb. 13—L. L. Humes, Glen Elder, Kan.
Feb. 13—B. W. Conyers, Severy, Kan.
Feb. 14—O. G. Criss, Agricola, Kan.

Feb. 14—John Loomis, Emporia, Kan.
Feb. 14—W. D. McComas, Wichita, Kan.
Feb. 15—Woodell & Danner, Winfield, Kan.

Feb. 15—Ottie McBride, Parker, Kan.
Feb. 15—Geo. Dimig, York, Neb.
Feb. 16—W. T. McBride, Parker, Kan.

Feb. 16—Earl Babcock, Fairbury, Neb.
Feb. 16—Geo. J. Dimig, York, Neb.
Feb. 16—J. F. Larimore & Sons, Grenola, Kan.

Feb. 17—R. C. Smith, Sedgwick, Kan.
Feb. 19—Katy Moser, Sabetha, Kan.
Feb. 19—Andrew McMullen, Gibbon, Neb.

Feb. 20—M. R. Peterson, Troy, Kan.
Feb. 20—Overstake Bros., Atlanta, Kan.
Feb. 20—A. B. Holmberg, Gibbon, Neb.

Feb. 20—(night sale) Forris Bros., Elm-creek, Neb.
Feb. 20—C. J. Fear, Bala, Kan.
Feb. 21—H. E. Labart, Overton, Neb.

Feb. 21—D. Arthur Childers, Emporia, Kan.
Feb. 21—Stuckey Bros., Wichita, Kan.
Feb. 22—M. I. Brower, Sedgwick, Kan.

The W. D. McComas Duroc Herd Presents 50 Head at Auction

Wichita, Kansas, Friday, December 8, 1922

A Typical McComas Offering of Good Ones

10 high class tried sows bred to Pathrion, 1920 Topeka grand champion, and Jack's Orion King A, by Jack's Orion King 2nd, 1917 world's junior champion.

30 superior fall yearlings by these sires and bred to an outstanding son of Giant Orion Sensation 4th and Senfinder, by Leading Sensation, 1921 Nebraska junior champion.

5 open gilts and 5 boars—every one a good one.

Sows and yearlings start farrowing the middle of February.

Many a breeder now well established started with Durocs from the W. D. McComas herd. Here is an offering worth going a long ways to see. Please mention Kansas Farmer-Mail & Breeze. For catalog write

W. D. McComas, Box 455, Wichita, Kansas

Send all bids to J. T. Hunter who will represent Kansas Farmer and Mail & Breeze. Boyd Newcom, Auctioneer; J. T. Hunter, Fieldman

DUROC JERSEY HOGS

BOARS BOARS BOARS

Big husky spring boars sired by the Grand Champion Sensational Pilot, Sensational Giant, Royal Sensation. The dams of these boars are real sows. Boars immunized and priced to sell.

G. M. SHEPHERD, LYONS, KANSAS

Woodell's Spring Duroc Boars

Big stretchy spring boars by Major's Great Sensation, Scion's Wonder, Chief Surprise, etc., out of Pathfinder, Sensation, etc., dams. G. B. Woodell, Winfield, Kansas.

Zink Stock Farms Durocs

Good spring boars by Great Sensation Wonder, Proud Pathfinder, and Uneedda High Orion 2nd. out of Pathfinder and Victory Sensation 3rd. dams.

ZINK STOCK FARMS, TURON, KANSAS.

McComas' Durocs

Boars, by Giant Orion Sensation 4th, Pathrion and Jack's Orion King A. Write today.

W. D. McCOMAS, Box 455, Wichita, Kan.

Brauer Purebred Duroc Co.

If you want good, well bred spring gilts or boars from the most widely and favorably known Duroc herd in Colorado, write us your wants. J. W. Brauer, Gov. Oliver H. Shoup, Address J. W. Brauer, Route 1, Colorado Springs, Colorado.

Shipped on Approval

Duroc boars; immunized and guaranteed breeders; shipped to you before you pay for them.

F. C. CROCKER, Box B, FILLEY, NEB.

Just over the Kansas State line.

Legal Tender Spring Boars

At \$25 till Nov. 10; also summer and fall pigs unrelated. Spring gilts. Priced to sell to farmers. Best of blood lines.

J. E. WELLER, HOLTON, KANSAS

Waltmeyer Giant Boars

This breeding has won more prizes at Iowa State Fair last 12 years than any other and has made the farmer more money. We can sell you a better boar for less money. Immunized. Shipped on approval.

W. R. HUSTON, AMERICUS, KANSAS

Smith's Stock Farm

Don't forget that Smith has some fine spring and fall boars for sale, priced to move them.

Address

J. J. SMITH, LAWRENCE, KANSAS

Hoover's Catalog of Winter Sale

Spring boars and gilts priced reasonably. Write for catalog of winter sale of GOLDMASTER Durocs. Your name on our mailing list will mean much to you if interested in the best type of Durocs.

E. G. HOOVER, WICHITA, KANSAS

Big Type Duroc Boars

Real herd boars of choice selection from best Sensation, High Orion and Pathfinder breeding, \$30, \$35 for quick sale. Immunized.

J. A. REED & SON, LYONS, KANSAS

MAY WE SEND YOU PHOTOGRAPHS OF BOARS

ready for service, shipped on approval. Liberal terms. STANTS BROS., Hope, Kansas.

VALLEY SPRING DUROCS

Boars all ages, bred sows and gilts. Popular breeding, immunized. Pedigrees. Terms to suit.

E. J. BLISS, BLOOMINGTON, KAN.

Durocs \$20 to \$30

Boars ready for service. Fall pigs, either sex, not related by Hurdler Pathfinder and Valley Wonder Sensation. E. C. MUNSELL, RUSSELL, KANSAS.

Spring Boars, Orion Breeding

Farmer prices. S. D. Shaw, Williamsburg, Ks.

FALL AND SPRING DUROC BOARS

Extra fancy, popular breeding, big type, immunized and priced right. Your money's worth or your money back.

R. E. KEMPIN, CORNING, KANSAS.

Great Orion Sensation 2nd bred sow sale in February.

STOP! LOOK! LISTEN! Spring boars by

High Giant Pathfinder's Orion or Pathfinder's Disturb-er. Write your wants to Lewis Schmidt, Barnard, Kan.

OVERSTAKE'S SPRING BOARS

Late spring boars, 150-200 lbs. Immunized. Guaranteed. Farmer prices. 2-year-old-son of Pathfinder for sale or exchanged for gilts. Overstake Bros., Atlanta, Kan.

FOR SALE—Pig Club spring boars and gilts.

Pathfinder, Orion Sensation breeding. Clarence Rupp. Pres.: Victor Maury, Sec'y., Moundridge, Kansas.

A FEW CHOICE DUROC BOARS

For sale. Pathfinder and Orion breeding.

R. C. Obrecht, Rt. 28, Topeka, Kan.

SPRING BOARS AND GILTS

Of best of Big Type breeding. Bloodlines Pathfinder Orion and Sensation. Price \$30 to \$35. Satisfaction guaranteed. R. C. WATSON & SONS, Altoona, Kan.

DUROC JERSEY HOGS

Duroc Service Boars \$20

Big, long, rugged, heavy-boned, March boars. Sensation and Orion bred. Vaccinated, pedigreed, guaranteed, \$20 during November only. Order quick and get a bargain.

ROSS SALMON, Box C, McFALL, MO.

Giant Sensation

"The Sire of Sires"

Write me about your herd and what it lacks. I believe I can assist you to make more money breeding Durocs.

W. H. RASMUSSEN, Box K, Norfolk, Neb.

Immuned Duroc Spring Boars

We have picked 12 to ship out and will sell them at \$35 each while they last. Pathfinder, Sensation and Orion breeding. Crated light and fully guaranteed. Farm nine miles south of Fairbury on state line.

Johnson & Dimond, R. 4, Fairbury, Neb.

15 Boars Selects

These are real herd boars of intensely Orion breeding. They are priced to sell and satisfaction is guaranteed to every purchaser. Bred Sow Sale, February 5.

Leo J. Healy, Hope, Kan., Dickinson Co.

Grandview Farm Durocs

March and April boars sired by King Pathrion and Sensation Giant, out of our good sows. Everything immunized and recorded. Write us your wants.

BOHLEN BROS., DOWNS, KAN.

McClaskey's Duroc Gilts and Boars

Boars, all ages, open or bred gilts and fall pigs, immunized and registered. Popular breeding.

C. W. McCLASKEY, Girard, Kan.

Larimore's Duroc Boars

Spring boars by Major Sensation Col., Valley Sensation, Great Wonder Giant, Invincible King, etc. Priced right.

J. F. Larimore & Sons, Grenola, Kan.

Spring Boars \$30 to \$40

By Smooth Sensation, 1st. junior boar at 1922 Kan. National. Straight legged, rugged fellows. Cholera immune and guaranteed.

HOMER DRAKE, STERLING, KANSAS.

Boars, Big Type, Boars

At \$25, \$30, a selection of real big herd boars from best Pathfinder, Orion, and Sensation breeding. Fall boars \$12. Immunized.

ERNEST A. REED, LYONS, KAN.

Riverside Durocs

Boars and gilts by Great Sensation Wonder and Uneedda High Orion 3rd out of Victory Sensation 3rd dams.

J. P. TODD, PRETTY PRAIRIE, KANSAS

DUROCS \$20 TO \$30

Good, big, growthy spring boars. Bred gilts from \$40.00 to \$50.00 each. Tall and long; new breeding; immunized. FRANK HAYNES, Grantville, Kansas.

Boars and Gilts \$20 to \$25

Four April boars, 5 open April gilts, immunized. 2 bred sows and fall pigs later.

D. C. McCLINTOCK, DELPHOS, KANSAS.

Purebred Duroc Boars

For sale. George Schultis, Sylvan Grove, Ks.

BERKSHIRE HOGS

NASHANAL BERKSHIRES

22 years breeders and successful show winners, of the big type. Special: 15 choice serviceable spring boars \$25.00 to \$35.00.

C. G. NASH & SONS, ESKRIDGE, KAN.

Look! Listen! Come to This Sale

I have been instructed to sell the entire herd of splendid Jerseys owned by Mr. D. C. KNOUSE, at the farm near

Horton, Kansas, Tuesday, Nov. 28

Gold Medal and High Producing Ancestry

The sale will include 50 head Registered and High Grade Jerseys. POPULAR BREEDING and a HEAVY PRODUCING LOT OF DAIRY CATTLE. Cows in milk, heifers, and a few well bred young bulls.

All Tuberculin Tested

INTERESTED PRINCE, SPERMFIELD OWL, FINANCIAL KING, FINANCIAL COUNTESS' LAD, and other great producing families represented. The herd sire, INTERESTED ADVOCATE 199028, will be offered. He is by Financial Interest Pal 170485, whose granddam is half-sister to SPERMFIELD OWL'S BVA, winner of GOLD MEDAL, 16,467 lbs. milk, 1,168 lbs. butter, in one year. His dam, Castor's Splendid Advocate, 605 lbs. butter in one year from 7,797 lbs. milk.

Cows and heifers by ROXANA'S INTERESTED OWL 172,005, whose sire has six in Register of Merit, by Interested Prince, and his dam, with R. of M. record of 567 lbs. butter in one year, by Castor's Splendid 90650, with 8 Register of Merit daughters.

YOU CAN'T AFFORD TO MISS THIS GREAT OPPORTUNITY OF BUYING JERSEYS OF KNOWN DAIRY QUALITY AT YOUR OWN PRICE

For catalogs write today to

B. C. Settles, Sales Manager, St. Louis, Mo.

Poe's Registered Jersey Dispersion

Hunnewell, Kansas, Tuesday, December 5

20 cows—10 heifers, 8 bulls. THESE JERSEYS ARE PAYING THEIR WAY. Nearly every one produced on the Poe farm. Twelve of them in 1921 produced \$110.00 in cream and butter in addition to supplying cream and butter for the family and milk for calves and hogs. Bred females are in service to Irene Premier's Sultan by Jacoba Irene's Premier out of Sultan's Queen Mellicie, and Colette's Fern. Sires of some of the offering are Oakland's Sultan, Financial Sultan, Raleigh's Raleigh. Dams include Jacoba Irene, and Sophia 19th, of Hood Farm. A number are by a grandson of Gamboge's Knight. Some females are in calf and some to calve soon. No attempt has been made to keep records but most of the milking females are good producers and young. The main sire is out of a dam producing 17,353.2 pounds milk and 1,121.2 pounds butter in a year. It is a federal accredited herd. All animals in good condition but not fat and guaranteed breeders. Dispersion is due to too much other farm work to care properly for this dairy herd. Sale at farm 5 miles southwest of Hunnewell, Kan., or 12 miles southeast of Caldwell, Kan., across the line in Oklahoma. Write today for catalog. Please mention Kansas Farmer and Mail and Breeze. Address

L. A. POE, HUNNEWELL, KANSAS

Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.

JERSEY CATTLE

HILLCROFT FARMS JERSEYS

Imported and Register of Merit Jerseys. Choice bull calves for sale. Also registered Durocs.

M. L. GOLLADAY, PROP., HOLDEN, MO.

Fine Jersey Bull Calf, \$35

Dropped Oct. 19, 1922. Sire has 2 in R. M.; dam, 1, an ex-state champion, and has R. M. record 9,000.1 lbs. milk, 461.41 lbs. fat. All papers and F. O. B.

L. R. FANSLER, INDEPENDENCE, KAN.

High Class Registered Jersey Cows

Exceptional values, young cows 2 to 8 yrs. Some have large register of merit records. Others on test now. Many state fair winners. Also some good young bulls 3 to 18 mos. old. Inspection invited.

R. A. GILLILAND, DENISON, KANSAS

Elm-Wood Jersey Farm

offers a few choice young bulls, also a few females, all ages, for sale at farmers' prices.

J. E. BARNES & SONS, MOUND CITY, KANSAS

Highly Bred Serviceable Aged Bulls

\$40 to \$60. **A. H. Knoepfel, Colony, Kan.**

DO YOU WANT JERSEYS?

If so, write us. We have them in all ages, either sex, one or a carload. Kindly state the number and ages you want to buy when writing. No commission charge to buyer.

KANSAS JERSEY CATTLE CLUB

R. A. Gilliland, Secretary, Denison, Kansas.

BULLS OUT OF REGISTER OF MERIT

dams, for sale. Herd Federal accredited.

Sylvia Jersey Ranch, Sylvia, Kansas

REG. BULLS—CALVES TO YEARLINGS

Hood Farm Breeding, \$50 to \$75. Credit if desired. **P. E. Lill, Mt. Hope, Kan.**

HEREFORD CATTLE

Hereford Herd Bulls For Sale

Imp. Fantastic 699080 by Sir Sam 699078, Dam Fantastic 579801, calved Mar. 2, 1917. Also Fantastic 5th by Fantastic, Dam Sallie 3d calved Jan. 1, 1922. Selling Fantastic to keep his heifers in herd. Sir Sam, the sire of Fantastic, sold for \$11,750.00. If you want a real herd bull write or come and see these bulls.

F. A. LAWRENCE, MERIDEN, KANSAS

EXTRA GOOD YOUNG REG. HEREFORD

cows for sale, sired by Vice Paregon, good condition. Priced right. **E. A. MOELLER, McFarland, Kansas.**

ANGUS CATTLE

Martins' Angus

Some choice young bulls, 10 to 12 months old. Priced reasonably. She stuff for sale. **J. D. MARTIN & SONS, R. 2, Lawrence, Kan.**

AYRSHIRE CATTLE

Campbell's Ayrshires

Cows and heifers, bred or open, bulls from calves to serviceable age, including Jean Armour and Hyde Dairy King breeding.

ROBERT CAMPBELL, ATTICA, KANSAS.

For Sale—Feb. 1, Our 5 yr. Sr. Bull

King Voca Armour. Dam A. R. 21, 123 lbs. Sons also.

SUNRISE DAIRY, VALLEY FALLS, KAN.

RED POLLED CATTLE

Choice Red Polled Bulls and Females

All ages. From our accredited herd. Shipped on approval. **Schwab & Son, Clay Center, Neb.**

FOSTER'S RED POLLED CATTLE

A few choice young bulls.

C. E. Foster, Route 4, Eldorado, Kan.

RED POLLS, Choice young bulls and heifers.

Write for prices and descriptions.

Chas. Morrison & Son, Phillipsburg, Kan.

The Livestock Service of the Capper Farm Press

Is founded on the Kansas Farmer and Mail and Breeze, the Nebraska Farm Journal, the Missouri Ruralist and the Oklahoma Farmer, each of which leads in prestige and circulation among the farmers, breeders and ranchmen of its particular territory, and is the most effective and economical medium for advertising in the region it covers. Orders for starting or stopping advertisements with any certain issue of this paper should reach this office eight days before the date of that issue. Advertisers, prospective advertisers or parties wishing to buy breeding animals, can obtain any required information about such livestock or about advertising, or get in touch with the manager of any desired territory by writing the director of livestock service, as per address at the bottom.

Following are the territory and office managers:

W. J. Cody, Topeka, Kansas, Office.
John W. Johnson, Northern Kansas.
J. T. Hunter, Southern Kansas.
Stuart T. Morse, Oklahoma.
Jesse R. Johnson, Southern Nebraska.
R. A. McCartney, Northern Nebraska.
O. Wayne Devine and Chas. L. Carter, Missouri.

T. W. Morse, Director of Livestock Service
Kansas Farmer and Mail and Breeze
Topeka, Kansas

The farmer who relieves his hands by getting his head a little closer to his task is the hope of American agriculture.

Feb. 22—R. E. Kempin, Corning, Kan.
Feb. 22—Archie French, Lexington, Neb.
Feb. 23—Bignell Bros., Overton, Neb.
Feb. 23—R. W. Newcom, Benton, Kan.
Feb. 23—Dr. C. H. Burdett, Centralia, Kan.
Feb. 24—H. W. Flook & Son, Stanley, Kan.
Feb. 24—Glen Blickestaff, Oberlin, Kan.
Feb. 27—Reno County Duroc Association
Sale at Hutchinson.
Feb. 28—Lock Davidson, Wichita, Kan.
(Sale at Caldwell, Kan.)
March 3—Marcy & Critchfield, Fall River, Kan.
March 6—Ora Ayers, Orleans, Neb.
March 6—D. S. Sheard, Eabon, Kan.
March 6—C. T. White & Son, Lexington, Neb.
March 7—Earl J. Anstett, Osage City, Kan.
March 7—W. H. Rasmussen, Norfolk, Neb.
March 7—L. A. Poe, Hunnewell, Kan.
March 10—Johnson & Dimond, Fairbury, Kan.
March 10—E. W. Nickel, Dodge City, Kan.
March 17—John Hern, Wamego, Kan.
April 20—Heiber & Hylton, Osawatomie, Kan.
April 21—Homer Rule, Ottawa, Kan.

Poland China Hogs

Jan. 10—W. H. Grone & Son, Mahaska, Kan.
Feb. 2—Peter J. Tisserat & Sons, York, Neb.
Feb. 2—A. L. Wiswell & Son, Ocheltree, Kan.
Feb. 13—H. M. Donham, Stanley, Kan.
Feb. 14—C. S. Nevius & Sons, Chiles, Kan.
Feb. 14—Von Forrell Bros., Chester, Neb.
Feb. 17—C. B. Schrader, Clifton, Kan.
Feb. 21—W. A. Frewett & Sons, Asherville, Kan.
Feb. 24—Chas. Krill, Burlingame, Kan.
Feb. 28—R. Miller & Son, Chester, Neb.
March 8—J. E. Baker, Bendena, Kan.
March 9—Logan Stone, Haddam, Kan.

Spotted Poland China Hogs

Feb. 20—Henry Field, Shenandoah, Ia.
March 6—Jas. S. Fuller, Alton, Kan.
Mar. 20—Henry Field, Shenandoah, Ia.
Apr. 17—Henry Field, Shenandoah, Ia.

Chester White Hogs

Jan. 9—G. A. Sanborn, Edmond, Kan.
Jan. 30—Henry and Alpha Wiemers, Diller, Neb.
Jan. 31—Wm. Buehler, Sterling, Neb.
Feb. 16—Morton Bros., Oberlin, Kan.

Hampshire Hogs

Feb. 13—T. C. Hendricks, Diller, Neb. Sale at Beatrice, Neb.

Sale Reports and Other News

Banbury Had Good Polled Shorthorn Sale

J. C. Banbury, Pratt, Kan., has one of the largest and best herds of Polled Shorthorns in Kansas. Situated where he is he sells over all the state and into Colorado and Oklahoma. Preceding the present year he has sold at private treaty. This sale, November 8, was his second semi-annual sale. It was a good sale of good cattle. 20 aged cows averaged \$173.25; 7 three-year-old cows averaged \$160.50; 6 yearlings averaged \$102.50. These 33 bred females averaged \$163.75. Five under year heifers averaged \$90.75. The 38 females averaged \$149. One aged bull at \$300 and 11 yearling bulls averaged \$140.25. The 28 females and 12 bulls or 50 head in all averaged \$146.75. J. J. Cammerford, Mentor, Kan., took the largest number, 29 head as follows: 13 aged cows at an average of \$170.50, 4 three-year-olds at an average of \$139.75, 5 yearlings at an average of \$93.00, 5 yearlings at an average of \$75.50, and 2 bulls at an average of \$227.50. Clarence Hilliard, Pratt, took 1 cow, \$300; 1 three-year-old, \$215, and 1 yearling, \$150. This \$300 cow topped the females. She was a Scotch four-year-old by Modern Sultan out of Elizabeth. J. L. Chitwood, Pratt, 1 cow and 1 bull, \$175 and \$137.50; L. L. Freymuller, Preston, 1 cow and 1 bull, \$200 and \$137.50; E. E. Summers, Kingman, 2 cows \$115 and \$102.50; C. E. Patterson, Pratt, 1 three-year-old and 1 bull, \$100 and \$85; Robert Sandburg, Pratt, 1 cow, \$100. Thirty-five bought one bull each: T. T. Gentry, Kingfisher, Okla., \$200; J. T. Hart, Macksville, \$240; M. Burton, Pratt, \$87.50; F. E. Fleming, Pratt, \$162.50; H. D. Buell, Turon, \$90; Sam Booth, Wilmore, \$90.00; Jno. Kimmell, Sylvia, \$45.00. Top bull, \$300, went to J. J. Cammerford. He was an 8-year-old herd sire, Sultan's Pride by True Sultan and had proven himself a superior show bull, being a grand champion at several state fairs.

Cubellayr Farm Sale

A draft of 30 animals from the Cubellayr herd of 100 Jean Armour Ayrshires owned by Robert Campbell, Attica, Kan., was exposed at auction Wednesday, Nov. 1. This, the first of a series of annual sales, presented to the breeders of the Middle West an opportunity to buy foundation stock of good individuality and royal breeding. One of the pleasing features was the presence of many young breeders, most of them graduates or men who had attended the Kansas Agricultural College at Manhattan. This is significant of the value of the good Ayrshire herd at that institution. The cattle in all probability would have commanded better prices had they been better fitted but were presented in their everyday working clothes. The top animal of the sale, Good Buttercup 46263, shown dry, was purchased by A. B. Williams & Son, Darlow, Kan., for \$625. This is a very typical Ayrshire, a daughter of last year's French cup winner, Rob's Buttercup F, with a record of 12,677 lbs. milk, 704.95 lbs. fat, and by the well known advanced registry sire, Finlayston Bell, he by Imported Finlayston. At \$285, R. E. Banks secured Bessie Armour of Glenayr, a four-year-old by King of Jean Armour, a son of Jean Armour's Great Gift. This is a grand type of milk cow. One of the real bargains of the day fell to Fairfield Farm, Topeka, Kan., in Wanderer Thistle of South Farm, a big, rugged, strong cow out of Thistle of South Farm at the very moderate figure of \$250. She may soon have added value as she is the dam of Barclay Farm's Junior four-year old, Mistress Thistle of South Farm, which has averaged over 2000 pounds of milk per month during the last six months and bids fair to be a new world champion. Six fresh cows averaged \$130 per head. Twelve bred cows averaged \$186.25 per head. Eighteen cows averaged \$173 per head. The females, young and old, 25 in all, averaged \$136.

Shorthorn Sale at Ottawa

The following named men sold 38 Shorthorns at Ottawa, Kan., November 4, as follows: F. W. Wilson, Wellsville, Kan., 12 females averaging \$121 and one bull, \$45; J. P. Holmquist & Sons, Ottawa, Kan., 18 females, \$61.25 and two bulls, \$62.50; C. J. Perkins, Melvern, Kan., one bull, \$75; E. W. Smay, Ottawa, Kan., four females, \$95.50. The 34 females averaged \$86.75 and four bulls averaged \$61.25. Sale average was \$84. \$250 was top on each of two cows con-

signed by Mr. Wilson. One was a 5-year-old Cruickshank Aphrodite by Valentine Goods to H. R. Gingrich, Wellsville, Kan., and the other a 4-year-old Dainty Dame by Choice Cumberland to Floyd Carter, Rantoul, Kan.

Second top consigned by Holmquist & Sons was a 3-year-old Cruickshank Stephanotis by Walnut Type to Charles Perkins, Melvern, Kan., at \$180. Hosford & Arnold of Lawrence, Kan., paid third money, \$165 for a yearling Duthie Winifred by Golden Search consigned by Wilson. The Wilson cattle appealed more strongly to buyers because of their Scotch breeding and because they were more properly fitted for a sale. 16 buyers took the whole offering as follows: H. M. Moyer, Waverly, Kan., 17 head at an average of \$64; O. O. Wolf, Ottawa, Kan., three head, \$87.50; C. F. Weykel, Garnett, Kan., three head, \$76.25; Roy Dodder, Overbrook, Kan., two head, \$100; H. E. Simmons, Ottawa, Kan., two head, \$63.25.

The following took one head each: H. R. Gingrich, Wellsville, Kan., \$250; Hosford & Arnold, Lawrence, Kan., \$165; Hal Graves, Wellsville, Kan., \$57.50; Floyd Carter, Rantoul, Kan., \$250; C. E. Steele, Pomona, Kan., \$45; Charles Perkins, Melvern, Kan., \$180; John Miller, Richmond, Kan., \$45; John Barnes, Ottawa, Kan., \$37.50; Charles Sowers, Baldwin, Kan., \$40; C. R. Soward, Baldwin, Kan., \$70; and J. H. Holcomb, Humboldt, \$150. Results of this sale indicate a renewed interest and willingness to buy good livestock at auction.

Henry Field's Spotted Poland China Sale

Altho the roads were in almost an impassable condition, the sale of Spotted Poland China hogs held by Henry Field at Shenandoah, Iowa, November 1 was a success. Sixty-seven boars were sold at an average of \$52.50 and 23 gilts at an average of \$39.09. The top of the sale was \$210. The offering was taken by buyers from Iowa, Nebraska, Kansas, Colorado and Illinois. The total for the 90 head was \$4,416.50, or a general average of \$49.07.

Field Notes

BY J. W. JOHNSON

O. E. Riffel & Son of Stockton, Kan., are starting their Holstein advertising in this issue. They are offering bulls ready for service, sired by King Frontier Pontiac and out of dams with records up to twenty-five pounds.—Advertisement.

A. A. Meyer of McLouth, Kan., is starting his Poland China advertisement in this issue. Mr. Meyer is offering The Yankee Jr. by The Yankee for sale. Also a choice lot of fall pigs. He also offers a Red Polled herd bull for sale.—Advertisement.

H. S. Engle's Holstein Sale

This is the last call for the H. S. Engle, Abilene, Kan., sale of 37 registered and high grade Holsteins. The sale is at the farm six miles south and two miles west of Abilene. It is a federal accredited herd and you know the reputation of the Engles around Abilene for good Holsteins. W. H. Motz, Earlington, Kan., is in charge of the sale. The sale is next Thursday, Nov. 23.—Advertisement.

F. A. Lawrence's Herefords

F. A. Lawrence of Meriden, Kan., is advertising Hereford bulls for sale in this issue. One of them is his herd bull, Fantastic, a son of Sir Sam, one of the famous bulls used in Lord Rhonda's great herd. When the herd was dispersed Sir Sam sold for \$11,750.00. The other bull offered is a grandson of Sir Sam. Hereford breeders wanting a good herd bull should write to Mr. Lawrence at once.—Advertisement.

Geo. Wharton's Polands

Geo. Wharton, Agenda, Kan., Republic county, is one of the well known Poland China breeders of that county and of Northwest Kansas for that matter. He buys the best when he buys and is a good care taker and a reliable man to deal with. He is offering boars and open gilts of last February and March farrow in this issue of the Mail and Breeze. You better write to him if you want either. All are immunized.—Advertisement.

D. C. Knouse's Jersey Sale

Jersey breeders should look up the sale advertisement of D. C. Knouse of Horton, Kan., in this issue. On November 28 Mr. Knouse will sell his entire herd of high producing Jerseys. The offering will consist of cows in milk, heifers and a few richly bred young bulls. Look up the advertisement in this issue, note the breeding of this offering and write at once for catalog to B. C. Settles, Sale Mgr., 6155 Westminster Place, St. Louis, Mo.—Advertisement.

John D. Henry's Polands

John D. Henry, Lecompton, Kan., but whose farm is one mile south of fine cement road between Topeka and Lawrence, being just one mile south of Big Springs, which is the half way place on the Topeka-Lawrence cement road. What about him? Well, he has some mighty fine big type Poland China boars for sale. They are great, especially those by Big Orange, but all of them are of the type you want if you are interested in the kind that sell. They are extra large, weighing from 200 to 250 pounds each. They are the boars that John Henry intended for his October boar sale but decided to call off because of local corn conditions. You can buy a great boar very reasonably from John Henry, Lecompton, Kan. You can drive from either Lawrence or Topeka on the hard road all but one mile at Big Springs. Write him for descriptions and prices.—Advertisement.

Tomson Bros. Shorthorns

Tomson Bros., Wakarusa, Kan., and Dover, Kan., have started their fall advertising in this Mail and Breeze with this issue. In addition to some wonderful young bulls they are offering cows and heifers—20 cows bred to a son of Beaver Creek calf tan and 20 heifer calves suitable for a club. The young bulls they offer are a high class lot sired by Village Marshal and Marshal's Crown, Beaver Creek Sultan and Jealous Dale. The dams are cows of the finest bloodlines obtainable. They can furnish cows or heifers with a bull not related to them for those who want foundation stock. The entire herd is being handled under federal supervision. For 36 years the Tomsons have been engaged in building this herd and steady improvement has been made until now they are in a much better position to supply the needs of their customers than ever before. The herd bulls have always been selected with the greatest of care. At present they are using Marshall's Crown, Augusta's Crown, Scottish

Sultan and recently they purchased from the Kansas Agricultural College the great bull, Marauder, for use in their herds. The young herd bulls they offer this fall are of the kind that every breeder should want to own. With proper care they can be sold at three or four years of age for as much as they cost originally and, in many instances more than the first price. Such is the popularity of Tomson bred bulls because they develop into splendid individuals and because of their great ability as sires. The selection of a suitable herd bull to head your herd is indeed an important matter. A trip to Tomson Bros.' herd might solve the big question for you instantly. A letter to them will bring you any information you want about their bulls or the cows and heifers. Their advertisement appears in this issue of the Mail and Breeze—Advertisement.

Large Typy Holsteins at Auction

This issue carries display advertising of the Early & Matlack Holstein dispersion sale at the Early farm at Rago, Kan., Thursday, Dec. 7. Albert Early, Rago, Kan., is dispersing his registered herd because of ill health and difficulty in getting good help in running the dairy. R. R. Matlack, Basil, Kan., is dispersing his grade Holsteins and increasing his purebred herd. The display advertisement in this issue gives sufficiently complete information to give one a general idea of the combined offering. The Holsteins, both purebred and grades, are superior to most dispersion offerings. They are heavy boned animals carrying plenty of depth and thickness and have good dairy type and producing plenty of milk. It will be a good offering and if you are looking for dairy cattle here is a mighty good place to find them. Write Albert Early, Rago, Kan., for a catalog. Please mention Kansas Farmer and Mail and Breeze—Advertisement.

BY JESSE R. JOHNSON

85 Shorthorns at Auction

On Wednesday, Nov. 29, J. A. Axtell, the well known and successful Shorthorn breeder of Fairbury, Neb., will disperse his entire herd, consisting of 45 cows bred and over half of them with calves at foot by the great Scotch roan bull, Aultan Villager, a grandson of the noted Fair Acres Sultan, by White Hall Sultan. His dam was Nonpareil Lady by Augusta Villager, a son of Villager. More than half of the cows are daughters of the bull, Cumberland Sultan, a son of Count Victor and out of Cumberland Maid by Royal Cumberland. All calves not sired by Sultan Villager are by the good bull, Avalanche 2nd. Many of the best Scotch families are represented but about the best things in the sale will be the big Young Mary and Rosemary bred cows with good Scotch tops. These cows come from heavy milking families and with the big calves at foot sale day will demonstrate the value of Shorthorns bred for both beef and milk. The herd is tuberculin tested and Federal accredited. Catalogs will be sent upon request, and buying orders will be executed by Jesse R. Johnson or Col. J. C. Price. All such orders should be sent by letter in care of Mr. Axtell at Fairbury. When writing for catalog please mention the Capper Farm Press—Advertisement.

Buy Good Shorthorns at This Sale

One of the very best places to buy good richly bred Shorthorns will be at the Davis Bros. sale to be held on the farm three miles east of Pawnee City and four miles south of Table Rock, Neb., November 28. Of the 45 head selling in this sale over one third are by the great breeding bull Nelson's Type, one of the greatest sons of the undefeated Cumberland Type and his dam was the great cow, Iowa Butter Fly. Nelson's Type was junior champion of Nebraska in 1917. This great breeding bull also sells in the sale. The remainder of the younger things in the sale were sired by the big roan bull, Snowflake Stamp, one of the best sons of the noted Snowflake. Among the cows are daughters of such bulls as Imp. Strowan Star, Imp. Scottish Sentinel, Collyne Goods and other bulls of consequence. A good share of the offering are straight Scotch and of the best families. The young bulls have lots of class and the open heifers by Nelson's Type are real attractions. Six big fine cows sell with calves at foot. The offering is a good useful one all the way through and will sell with little or no fitting. The blood lines are very desirable and the best kind of bulls have always been kept in service on the farms. It is impossible to mention separately the many attractions but if the reader will write for catalog he can see for himself just the kind of breeding represented in this sale. When writing please mention this paper—Advertisement.

BY J. T. HUNTER

Wm. M. Atwell of Burlington, Kan., is advertising Spotted Poland Chinas farrowed in August and early September. Mr. Atwell has one of the good herds of Spotted Poland and can furnish pairs or trios unrelated.—Advertisement.

Ernest A. Reed of Lyons, Kan., is advertising a good lot of Duroc boars. They are of February and March farrow and choice individuals. Look up their advertisement and note the breeding of these boars and write them for prices.—Advertisement.

Anderson's Spotted Poland

W. M. Anderson of Hardy, Neb., is starting his Spotted Poland China advertising in this issue. Mr. Anderson is offering some big, growthy spring boars. Also gilts bred to Lineal King, a son of Arch Back King. He will also sell weanling pigs. Look up his advertisement and note his offer.—Advertisement.

Knoeppel's Jerseys and Chester Whites

A. H. Knoeppel, Colony, Kan., starts card advertisements in this issue advertising Jersey bulls and Chester White boars. The bulls are serviceable aged and have won at fairs. Sired by Fontaine's Red Chieftain and Chief Raleigh's Sultan. Herd is Federal accredited. Boars are by Tonganoxie Big Chief, junior champion at Allen county fair and out of prize winning dams at same fair. Bulls, \$40 to \$60, and boars \$20 to \$25. Write A. H. Knoeppel, Colony, Kan. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Fansler's Fine Jersey Bull Calf

L. R. Fansler, Independence, Kan., has a small herd of Jerseys that ranks unusually high in number that have broken state and national records for production. Mr. Fansler is reluctant to sell females as he wishes to

Holstein Breeders and Dairymen!

Of course you are interested in the dispersion sale of the greatest producing herd of Holstein-Friesians in the southwest. Have you written for handsome illustrated poster showing 15 of the record cows of this sale?

75 Head of Wonderful Cattle

In the Forum, Wichita, Kan., Monday, November 27

This gives you an idea of the offering. Read it.

23 daughters of K. S. P. H. Wayne of Mapleside. Dam—Milk \$2,547.80; butter 1,069.25. Sire son of King Segis Pontiac, whose dam had as a 2-year-old 733.36 pounds butter; 14,578.50 pounds milk.
9 cows made over 600 pounds of milk in a week on official test, 3 of which are 3-year-olds.
11 cows in herd that have milked over 100 pounds in a day.
1 cow over 700 pounds milk in a week.
5 cows better than 25 pounds butter.
1 cow, Pinebend Pauline, 30.14 butter, 631.6 milk at 4 years. Highest day milk 98 pounds.
2 26-lb. cows. Beauty Gerben De Kol Gem, Houwtje Nederland De Kol 2nd. Now on 365 day test. First 96 days she averaged 100 pounds per day, in 8 months.
Everything Tuberculin tested and under Federal Supervision. Sold with the usual 60-90 day retest privilege.
Note: The Bucks, father and two sons have built this wonderful herd to its present high standing by retaining in their herd nothing but the very best. Their milk business alone in Wichita amounts to more than \$36,000 per year. The dispersion is made that the young men may enter college at Manhattan this winter. The sale catalog and illustrated poster free for the asking. For it address,

19,082.2 milk, still milking 65 to 75 pounds per day. Will finish better than 25,000 pounds and more than 1,000 pounds butter.
2 28-lb. cows. Keep on Johanna 2nd, May Copia Hengerveld De Kol 2nd. She milked more than 100 pounds per day after her 14 day record was finished.
1 two-year-old milked 109 pounds in one day.
1 three-year-old milked 104 pounds per day.
1 daughter of a cow that milked 120 pounds per day.
18 cows that milked over 70 pounds per day.
4 choice bulls ready for service.
Liberal terms to purchasers giving approved security. Cattle under federal supervision and sold with usual 60-day retest privilege.
Have you seen our big illustrated poster, showing photographs of 15 of the record cows in the sale?

W. H. Mott, Sale Manager, Herington, Kansas

Auctioneers: Mack-Newcom-Ball

S. T. Wood in the Box.

HOLSTEIN CATTLE

Holstein Bulls

We have them any age from calves to bulls ready for heavy service. Sired by King Frontier Pontiac and from cows with records up to twenty-five lbs. Priced reasonable. Write us.
O. E. RIFFEL & SON, STOCKTON, KAN.

build a larger herd. All he needs to do to sell bulls is to insert a card advertisement in the Kansas Farmer and Mail and Breeze, and they are taken up soon. See his advertisement in this issue announcing a bull calf for sale. Write him mentioning Kansas Farmer and Mail and Breeze—Advertisement.

Better Sale Prospects

Col. Lafe Burger of Wellington, Kan., writes of the recent excellent rains thruout the southern part of the state and in the adjacent sections of Oklahoma. This will mean a big increase in winter pasture for this territory and an increasing improvement in the winter condition of farm animals. Colonel Burger does an immense business in crying local farm sales and general auction of purebred livestock. Breeders needing his services in February and March sales should write him at once for dates as these months soon will be full.—Advertisement.

McMurry Now Owns Sterling Buster

Sterling Buster, sold at the Ross & Vincent Poland dispersion sale, is now owned by Ross McMurry, Burrton, Kan. Sterling Buster is by Wonder Buster by Disher's Giant and weighs over 1000 pounds, and it takes a large boar to weigh 900 pounds, too. This boar is active and strong along with his weight. The second and fifth junior yearling sows at 1921 International and first and second aged sows at 1922 Illinois fair were by Sterling Buster. If you want to breed a sow or gilt to this good sire or if you want to buy a spring boar by McMurry's Jayhawk, that has for some time headed the McMurry herd, you should write Mr. Ross McMurry, Burrton, Kan. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Austin Offers More Polands

Miles Austin, Burrton, Kan., changes his card this issue to include a wider variety of Polands for sale. He now offers bred sows and gilts, spring boars, and fall pigs. Few Poland breeders as young as Mr. Austin have done as well as he. Starting three years ago with three brood sows he has developed a nice good sized herd and has added few if any females to the herd in the meantime. Yet he showed several at the recent state fair and got in the money right along and crowded close to the first position in different classes several times. Now that is constructive herd development. These Polands for sale are by or bred to Austin's Yankee Giant, M's Pride, and a son of Liberator. They are large, well grown, typy, and thrifty. Write Mr. Miles Austin, Burrton, Kan. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Another McComas Duroc Offering

The W. D. McComas, Wichita, Kan., Duroc herd is well and favorably known thruout Kansas, Oklahoma and the Southwest. It is a herd of long standing and lots of Mr. McComas's business is repeat business. To buy a Duroc from the McComas herd is an incentive to go back later and buy another. The next McComas sale will be Friday, Dec. 8, at the regular place, Thomas Fruit Farm, just west outside Wichita, Kan. There will be 50 head in all; 10 tried sows, 30 fall yearlings, 5 open gilts, and 5 boars. Display advertisement in this issue gives important information concerning offering. Interested parties can depend upon its being a first class offering both in individuality and ancestry. Read the advertisement and then write W. D. McComas, Box 455, Wichita, Kan., for a catalog. Please mention Kansas Farmer and Mail and Breeze when writing and send all mail bids to J. T. Hunter who will represent Kansas Farmer and Mail and Breeze.—Advertisement.

Consignments Wanted for Newton Sale

F. S. Kirk, who has managed the Kansas National Livestock Shows and Sales at Wichita, Kan., for the last six years, will manage America's Largest Show and Sale at Newton, Kan., January 15-20. There will be a show of each breed the night before

H. S. Engle's Holstein Dispersion

Sale at farm 6 miles south and 2 miles west of

Abilene, Kan., Thursday, Nov. 23

37 HEAD OF HOLSTEIN CATTLE

12 head registered cattle.
25 head of high producing grades.
Herd, Tuberculin Tested and Federal Accredited.
Terms—8 months time on approved security.

Write for catalog to

W. H. Mott, Sales Manager., Herington, Kan.

J. T. McCulloch, Auctioneer.

Early-Matlack Holstein Dispersion

Sale at Early Farm

Rago, Kansas, Thursday, December 7, 1922

Albert Early, Rago, Kan., sells 30 registered Holsteins.
R. R. Matlack, Basil, Kan., sells 30 high grade Holsteins.

EARLY'S REGISTERED HOLSTEINS—20 cows, fresh and heavy springers, 3 to 6 years old. Never been tested for production but run from 50 to 100 pounds milk daily. One cow selling produced \$337 milk in one year. Herd foundation was five picked cows from Wisconsin importation including one granddaughter of King Segis. Most of the offering produced from these five cows. Six heifers, including 2 heavy springers and yearlings, 2 bulls out of high producing dams. Young stock by and females bred to Oak Homestead Fobes by Canary Paul Fobes Homestead out of Oak De Kol 3rd. Not a bad quarter in the offering and not a reactor in 6 years. Good high heavy producing cows.

MATLACK'S GRADE HOLSTEINS—20 high grade cows and heifers, several sired by Canary Paul Fobes Homestead, the great Stubbs bull, and a number bred to Oak Homestead Fobes. Most of the females are young cows, either with calf or heavy springers. Heavy milkers averaging about 5 gallons. In the herd of 34 recently tested there were no reactors. It is a first class offering of high grade Holsteins carrying plenty of size with quality.

This combined offering is made up of large heavy boned cows and heifers that are making good at the milk pail. That is the kind you want. For catalog write

Albert Early, Rago, Kansas

Please mention Kansas Farmer and Mail and Breeze.

Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.

Shungavaley Holsteins

Why not buy a young bull with real production and individuality? We have one whose dam milked 104 lbs. in one day, over 2900 lbs. in 30 days; 18,000 lbs. milk, 712.25 lbs. butter in 305 days. Calf six months old, 3/4 or more white, fine individual, sired by Sr. Honken herd sire, whose daughters are making fine records.

IRA ROMIG & SONS, TOPEKA, KAN.

Braeburn Holsteins

Get a bull to use for fall freshening. Or a bred cow, or heifer, while prices are low. Take pick of a dozen to make room, first come, most choice.

H. B. Cowles, 608 Kan. Ave., Topeka, Kan.

Bonaccord Holsteins

Several bulls, ready for service bred and destined to be good. Federal accredited herd. Also some fine, growthy Duroc Jersey spring boars.

LOUIS KOENIG, SOLOMON, KANSAS

Mott's Sale Calendar, Holstein Sales

Nov. 17—Frank Boone, Kingman, Kan. Sale at Cheney, Kan.
Nov. 23—H. S. Engle, Abilene, Kan.
Nov. 27—F. H. Beck & Sons, Wichita, Kan.
Dec. 6—George Flesner, Stillwater, Okla.
Dec. 7—Albert Early, Rago, Kan.
Dec. 14—Southern Kansas breeders' sale, Wichita, Kan.
Jan. 25—Kansas Assn. Show Sale, Wichita, Kan.
Mar. 1—Wm. M. England, Ponca City, Okla.
If you want to buy write to Mott.
If you want to sell write to Mott. Address
W. H. MOTT, HERINGTON, KANSAS

Registered Holstein Cows and Heifers

Twelve A. R. O. cows, five bred heifers, also two young bulls for sale, sired by and bred to highest record bulls in Kansas. Prices very reasonable.

R. E. STUEWE, ALMA, KANSAS

FIRST CLASS HOLSTEIN MILKERS

6 cows, 3 heifers, 1 bull. Bull and 2 cows reg. 2 cows purebred, rest high grades. Priced to sell.

Overstake Bros., Atlanta, Kan.

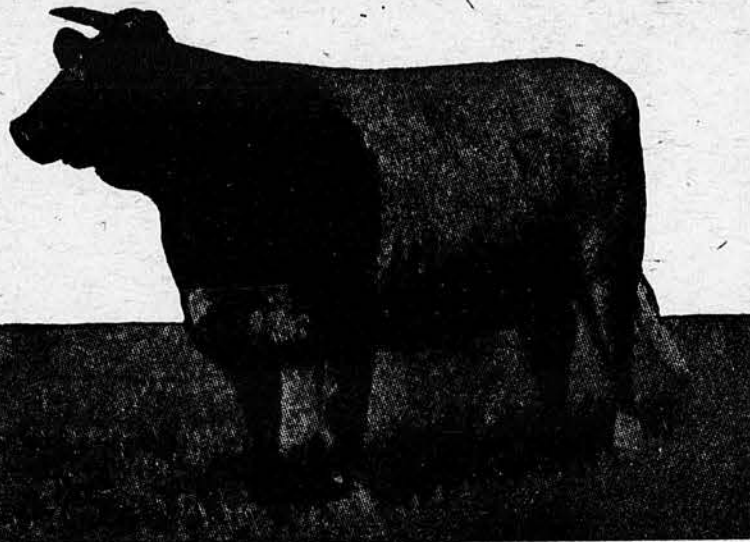
Reduction Shorthorn Cattle Sale

On farm 3 miles east of Pawnee City and
4 miles South of

**Table Rock, Neb.
Tuesday, Nov. 28**

**45 HEAD SCOTCH AND SCOTCH TOPS
FROM OUR TWO HERDS**

8 Bulls ready for service—8 Open Heifers—6 cows with calves at foot—31 choice young cows and heifers, all bred to our herd bulls. **Nelsons Type Jr.**, Champion of Nebraska and **Snowflake Stamp**, a great son of the Grand Champion **Snowflake**. More than one third of the offering are sons and daughters of **Nelsons Type** and because we are keeping so many of his daughters we also sell this great bull in this sale. Remember he is a son of the undefeated bull, **Cumberland Type**. Others in the sale are daughters and granddaughters of **Imp. Scottish Sentinel**, **Collyne Goods**, **His Highness** and **Bold Baron**, a son of the great **Bar None**. The offering comprises **Butterfly Duchesses** and other great families. Write for catalog to



Davis Bros., Pawnee City, Nebraska

Auctioneer, Col. Bert Etchison

Fieldman, Jesse R. Johnson

sale of that breed. Admission free. Con-
signments are wanted as follows: Short-
horns, Herefords, Jerseys, Ayrshires, Guern-
seys, Spotted Poland Chinas, Poland Chinas,
Durocs, Hampshires, Percherons, and Jacks.
Sale fees will be \$15 for horses and cattle,
and \$8.00 for hogs. Free stalls and free
admission. There will be adequate and
comfortable stalls and stabling facilities
and shows and sales will be held in the
large Newton auditorium. Some of Amer-
ica's greatest breeders are consigning to
these shows and sales. If you have some
good cattle, hogs, or horses you would like
to consign communicate at once with Mr.
F. S. Kirk, Eaton Hotel, Wichita, Kan.—
Advertisement.

L. A. Poe Disperses Jersey Herd

L. A. Poe, Hunnewell, Kan., has a well
bred Jersey herd that he will disperse Tues-
day, Dec. 5, at his farm 2½ miles south and
3¼ miles west of Hunnewell, Kan., and 4
miles south and 8 miles east of Caldwell,
Kan., across the line in Oklahoma. Dis-
persal is due to the fact that other farm
work demands too much of Mr. Poe's time
to properly care for the dairy herd and rather
than let the herd go back in production
he is selling it. The advertisement in this
issue of Kansas Farmer and Mail and Breeze
gives detailed information concerning the offer-
ing. There are 20 cows, 10 heifers, and
8 bulls. Nearly every animal has been pro-
duced right on the Poe farm. It is interest-
ing to note that 12 of the cows selling last
year, 1921, produced an average of \$110.00
in butter and cream in addition to supplying
the family with cream and butter and sup-
plying skim milk for the calves and hogs.
It is a herd that pays its way nicely. No
records have been kept but a number are
heavy producers and most of them are
young females. Some mighty nice Jerseys
in this sale and it offers an excellent op-
portunity for one to get a real milk and but-
ter cow. Some have calves at foot, some
are to calve soon, and some will not calve
until late. Don't forget the date. Write to-
day to Mr. L. A. Poe, Hunnewell, Kan., for
a catalog. Please mention Kansas Farmer
and Mail and Breeze.—Advertisement.

Get Larimore's Duroc Catalog

J. F. Larimore & Sons, Grenola, Kan.,
have a card in the Kansas Farmer-Mail
and Breeze offering at all times Durocs of
all classes. Write them for prices. This
Larimore herd is one of the very best herds
in Kansas. It will not be long until their
next sale, December 13. The November 25
issue will carry the first installment of their
advertisement of the sale. You should write
them at once for a catalog. Here is just a
foretaste of some of the good things that
will be in the sale. There will be 15 spring
gilts bred to Orion Commander, real gilts
bred to a real boar. Perhaps you saw this
spring boar at Topeka or Hutchinson. His
sire, Commander, was grand champion at
Nebraska fair, winning over the boar that
later was made world's champion and won
grand championships at Topeka and Hutch-
inson. This Orion Commander of Larim-
ore's was second in class along in the
shows where his litter brother was regu-
larly made first in class. It would be a
fine thing to get a gilt bred to this Orion
Commander. There will be 11 fall gilts and
3 tried sows bred to Major Sensation's Col.
The Larimore boar that has made an en-
viable name for himself as a show boar
and breeder in addition to having the pre-
stige of being a son of Major Sensation, 1919
world's junior champion. This Orion Com-
mander is rapidly getting larger and taller
and is carrying all the earmarks of grow-
ing into a real honest to goodness boar.
Larimores are good feeders and construc-
tive breeders and excellent judges of show
prospects. They think that Orion Com-
mander is a great show prospect and they
expect to get right down into the king row
at coming shows with this boar, and they
are likely to do it. Write at once for a cata-
log of their December 13 sale. Please men-
tion Kansas Farmer and Mail and Breeze.
—Advertisement.

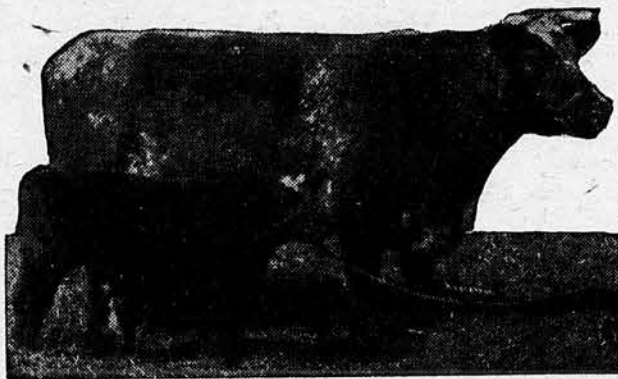
Bock & Sons' Holstein Sale

F. H. Bock & Sons of Wichita, Kan., are
advertising the dispersal sale of their great
herd of purebred Holsteins in this issue of the
Mail and Breeze. The sale will be held in
the forum in Wichita, Monday, Nov. 27.
Doctor Mott is managing the sale and is
sending out a big, illustrated poster con-
taining the pictures of 15 of the record
cows in the sale. The sale catalog is just
out and ready to mail to anyone sending
his address to Doctor Mott. 75 head are
cataloged. The success of the Bocks in the
dairy business is very interesting. I have
before me a letter from Mr. Bock giving
some interesting history about the herd
and I wish I had space to print the
letter in full. They started 19 years
ago with one grade Jersey cow and for
two years milked grade Jerseys and "red"
cows. At that time the boys were 10
and 12 years old. The Bock family kept
reading about Holsteins and comparing
feed costs with production. Holsteins
then were not as popular as now and
the first six cows they bought were bought
against the advice of their friends, espe-
cially the milk inspector. So far as pro-
duction goes it was right here that the
wonderful ability of Holstein cows to pro-
duce was discovered so far as that section
of the state was concerned. The reputa-
tion of these six high grade Holstein cows
spread and did wonders to popularize the
Holstein cow in the Southwest. Today the
75 purebred Holsteins that comprise the
Bock herd are bringing a little over
\$36,000 per year for milk sold in Wichita.
Three delivery cars are required to deliver
the milk daily in Wichita. An idea of the
kind of men you are dealing with in this
big sale can be gathered from this informa-
tion. They are the leaders in the dairy busi-
ness in Wichita; they were the first to
have cement floors in their milking barns;
with other modern sanitary conveniences;
first to deliver milk with autos; first to test
for tuberculosis; first to specialize in Hol-
stein baby milk; first to use parchment
bottle caps and many other advanced meth-
ods in dairying. In their purchases of cat-
tle you who have attended sales with the
elder Bock know that he never bought a
cheap or inferior animal for his herd. He
has very likely paid more money for other
dividuals on an average than any other
breeder in Kansas. But here is the story
you will appreciate. The herd has made
money for the Bocks during the last 10
years. The sons are now 20 and 22 years
of age and while the herd as in its prime
is a money making proposition and while it
stands approved and Wichita is sorry to
lose so great a dairy, Mr. Bock feels never-
theless that his sons have earned the right
to have good education and they are starting
at college at Manhattan as soon as the sale
is out of the way. Don't fail to write at
once to W. H. Mott, Herington, Kan., for
the sale catalog. The sale is one week
from next Monday.—Advertisement.

Scotch and Scotch Topped Shorthorn Dispersion

Sale Pavilion

**Fairbury, (Jefferson Co.) Neb.
Wednesday, Nov. 29**



85 HEAD—45 cows all bred to the herd bull **SUL-
TAN VILLAGER**, more than half of them sell with
calves at foot.

17 bulls ready for service including the herd bull
just mentioned.

32 heifers and bull calves under one year old. Half
of the calves are by Sultan Villager. Others by **CUM-
BERLAND SULTAN**. Others by **AVALANCHE 2ND**

Others by **AVALANCHE 2ND**

About half of the females are by Sultan Villager, and are representative of the best known families
such as Victorias, Fashion's Alexandrias, Young Marys and Rose Marys.

Most of them are descendants of heavy milking strains. The herd is **FEDERAL ACCREDITED**. Everything
sells without reserve. Write for catalog and mention this paper.

J. A. Axtell, Fairbury, Nebraska

Auctioneer: Col. J. C. Price.

Jesse R. Johnson Will Represent Capper Farm Press.

**25 Excellent Scotch Shorthorn Females
5 Big, Thick, Rugged Scotch Bulls
20 Strictly First Quality Scotch Top Females**
They Are Real Dual Purpose Cattle—Milk and Beef—They Sell at Auction at
Protection, Kan., Saturday, Nov. 25

Never in the history of Western Kansas have these breeders had the oppor-
tunity to buy at their own prices such excellent Thick Fleshed, Easy Feeding,
Quick Maturing, Well Developed, Royally Bred Scotch Shorthorns. This is de-
cidedly the best lot of Scotch Shorthorns ever offered west of Wichita in any
Kansas sale.

They are especially strong in all the essentials of the modern Shorthorn. The
kind that are Right in Form, in Size, in Character and in Pedigree.

The sale catalog contains detailed and complete information regarding the pedi-
gree of each animal. Mailed Free on Request.

Arrange to attend this sale. You will be surprised with the splendid quality
of the cattle. Watch for ad in next issue.

A. J. Morris and others, owners. Auctioneers, Herriff, Newcom and Towner.
J. T. Hunter, Fieldman—For catalog address

F. S. Kirk, Sales Manager, Wichita, Kansas

GUERNSEY CATTLE

In Order to Reduce My Herd

Will sell a few Reg. Guernsey females.
Write me what you are in the market for.
DR. E. G. L. HARBOUR, Lawrence, Kan.

RANSOM FARM GUERNSEYS
Bulls—Calves to serviceable age by 1919 world's
grand champion out of record breaking dams.
Ransom Farm, Homewood, Kansas

SHORTHORN CATTLE

BROOKSIDE SHORTHORNS

1875—The Bloomers—1922
Ideal Victor, a Linwood Victoria. Sires: Silver Mar-
quis, a Cruickshank Violet. Improvement our hobby.
Young stock for sale.

W. A. Bloomer & Sons, Lebanon, Kan.

When writing advertisers mention this paper

SHORTHORN CATTLE

To Hereford and Shorthorn Breeders

SPECIAL NOTICE

"THE ICE IS BROKEN." Every one
of my sales held in October was success-
ful; both sellers and buyers mighty well
pleased. During the boom anybody could
manage a successful sale. Things have
changed and it takes the salesmanship
and judgment which come from experi-
ence, study and observation to put over
a good public sale now. Keep in mind,
that the question is not how cheaply you
can hold an auction, but how nearly you
can come to getting the full value of
the cattle you sell. Economy always
should be kept in mind, but that does
not mean a policy suggesting that you
lack faith in your own proposition. If
you sell cattle that are recorded you
cannot afford to ignore their pedigrees.
Anybody can sell purebreds if he gives
away the pedigrees. I can sell the pedi-
grees for more than enough additional
to pay all sale expenses. Let me show
you that I can. Write now for dates and
terms. **F. S. Kirk, Sales Mgr., Wichita, Ka.**

1886 1922 Tomson Bros.

Sires in use: Marshal's Crown, Ma-
rauder, Augusta's Crown, Scottish Sul-
tan. We offer young herd bulls, choice-
ly bred and good individuals.
20 Cows bred to a son of Beaver Creek
Sultan.

20 heifer calves, suitable for calf clubs.
Can furnish females and herd bulls
not related. Entire herd under federal
supervision.

Tomson Bros.
WAKARUSA, KAN., or DOVER, KAN.

The Shorthorn Breeders of Kansas

L. M. NOFFSINGER, OSBORNE, KAN.
Hindale Stock Farm. A few good bulls from 14 to 18 months. Reds and roans. The home of Fair Acres Choice, assisted by Marquis, a worthy son.

Bulls by Rothnick Sultan
Four good ones, three are roan, one white. Rothnick Sultan was first in aged bull class at Beloit, 1922, and senior grand champion.
W. M. WALES & YOUNG, OSBORNE, KAN.

H. E. Huber, Meriden, Kan.
Young bulls by our herd bull, Imp. Imperator by King of Diamonds, dam Village Queen.

Cedar Heights Stock Farm
Two yearling bulls, pure Scotch. One Lavender and one Bloom. Farm near Topeka, on West 6th Street road. Address, **H. T. FORBES, TOPEKA, KANSAS**

COUNT VALENTINE 2nd 694458
First at Sedalia, second Topeka and Hutchinson 1921 shows. Sire of Honor Maid, undefeated champion heifer at same shows. A great bargain in this great sire. Sold fully guaranteed. **H. H. Holmes, Topeka, Kan.**

1886 Tomson Bros. 1922
A remarkable collection of breeding cows of approved blood lines noted for their uniform thick fleshing qualities. Some very choice young bulls.
Tomson Bros., Wakarusa, Kan., or Dover, Kan.

Sunflower Shorthorns
Herd headed by Golden Laddie, son of Maxwellton Roadside. 10 bulls from six to 10 months old for sale. Pure Scotch and Scotch topped. Write for prices.
J. A. PRINGLE, ESKRIDGE, KANSAS

TWO SCOTCH JANUARY BULLS
One Brawith Bud, one Butterfly. Both very pleasing roans, sired by Royal Marshall, first in north central Kansas fairs this fall. Priced to sell.
S. B. AMCOATS, CLAY CENTER, KAN.

Elmhurst Shorthorns
The herd carries the blood of bulls by Galant Knight, Lord Mayor, Collynie Hampton's Best and two grandsons of Avondale. 15 cows for sale. **W. J. Sayre, Manhattan, Kan.**

W. J. & O. B. Burtis
Farm four miles west of Manhattan on Golden Belt Highway and interurban line. We offer two young Scotch bulls, a few bred cows and heifers. Herd under Federal supervision. Visitors welcome.

Crystal Spring Farm Herd
Over 100 registered Shorthorns. Young cows and heifers for sale at attractive prices. Young bulls of Sultan and Villager breeding for our full trade.
Theo. Olson & Sons, Leonardville, Kansas

Bluemont Farm, Manhattan, Kan.
Farm joins Manhattan where visitors interested in Shorthorns are always welcome. Address as above.

HENRY B. BAYER, MANHATTAN, KAN.
Stonehaven Farm is three miles S. W. of town on main highway and interurban line. We can supply choice Scotch and Scotch topped bulls, cows and heifers.

W. H. Molyneux & Son, Palmer, Kan.
Rose Hill Stock Farm. Herd headed by Linwood Topsman. Bulls from 8 to 12 months old for sale. Also some cows and heifers.

DECATUR CO. BREEDERS' ASS'N

Harry M. Roberts, Selden, Kan.
Quality Shorthorns. A 12-month-old Marr Clara bull calf, also a Marr Goldie January calf. Also a few very choice Poland China spring boars. Write today and address as above.

Two Pure Scotch Bulls
Both roans, one a Cruickshank Violet and the other a Cruickshank Victoria. Nine and 11 months old. Splendid young bulls.
WARNER J. MARVIN, Achilles, Kansas

Morton's Purebred Stock Farms
OVERLIN, KANSAS
Real Beef Shorthorns; Big Type Chester Whites. Extra good March boars for sale on approval. Farmers' prices. Address as above.

Victoria's Baron 2nd
A pure Scotch heading our herd of nearly all pure Scotch cows. Duroc spring boars by a son of the 1920 World champion Pathmarker.
VAYROCH BROS., OVERLIN, KANSAS

MILLER BROS., DANBURY, NEB.
Village Knight 2d by Imported Lovely Knight, a pure white bull, heads our herd.

SHORTGRASS BREEDERS' ASS'N

A. SLAVEN & SONS, SELDEN, KAN.
50 head. Bargain in herd sire, weight 2200. Five yearling bulls.

A. B. Shoemaker & Sons, Lucerne, Ks.
Cows and heifers, bred or open. Bulls old enough for service.

L. A. Teel, Lucerne, Kan.
Herd headed by Meadow Goods, Bulls by him for sale.

FOR SALE—COWS AND HEIFERS
Also some young bulls, reds and roans.
A. C. SMITH, JENNINGS, KANSAS.

White Sultan Assisted By Baron Tommy
Sired by Imp. Lawton Tommy, heads Shorthorns. Pathfinder Sensation Wonder heads Durocs. Sows, sires for sale. **T. F. Stout & Sons, Studley, Kan.**

SILVER SPRINGS STOCK FARM
Polled bulls; dual purpose; 1st prize winners. No dehorning, no goring. **J. A. Miller, Quinter, Ks.**

J. L. Mann, Quinter, Kan.
A nice roan yearling bull for sale by Snow King. Priced right.

White Herd Bull, Volum 860124
For sale; 3 years; grandson of Villager. Guaranteed. **Elmer S. Graham, Quinter, Kan.**

Scotch and Scotch Topped Shorthorns
But 80 per cent of the herd is of pure Scotch breeding. One of the strong herds of the state. Visitors welcome at all times.

R. W. DOLE, ALMENA, KANSAS
A SON OF VILLAGE MARSHAL
heads our federal accredited herd of pure Scotch Shorthorns. Farm located near Muscotah where visitors are always welcome.

ROBT. RUSSELL, MUSCOTAH, KAN.

Big Field Farm Shorthorns
An exclusive pure Scotch herd headed by Rosewood Pride. Two young bulls by him of extreme quality. Poland China bred, now sale Oct. 21. **T. J. Dawe & Son, Troy, Kan.**

INTRODUCING AN ALL SCOTCH HERD
headed by Lavender's Diamond by Diamond Emblem. Two very choice young bulls for sale ready for service. For descriptions and prices address, **E. A. Myers, Troy, Kansas.**

Scholz Bros., Huron, Kan.
Springdale Stock Farm herd headed by Imp. Rosewood Stamp. Bulls of serviceable ages by him and cows bred to him for sale.

Our Farm Near Lawrence
The home of good Shorthorns. Two bulls, 10 and 12 months old. When in Lawrence call at our office.
HASFORD & ARNOLD, LAWRENCE, KAN.

WILDWOOD STOCK FARM
50 females. Herd headed by Armourdale and Fair Baron. Always something for sale.
ASHER & ALLISON, LAWRENCE, KAN.

SALT CREEK VALLEY STOCK FARM
1876—THE CORYS—1922
Sires in service: Sultan's Champion 728280, Lavender Radium 1084541 and Sultan of Abilene 1064570. **E. A. Cory & Sons, Talmo, Kan.**

Young Bulls and Heifers
by Lord Albion. My farm joins town on the east and we want to show you our Shorthorns when you are in our vicinity. Address, **E. A. Campbell, Wayne, Kansas.**

QUALITY RATHER THAN NUMBERS
Always something to sell. We like to show our Shorthorns to interested parties and will be glad to hear from anyone needing stock. Address, **R. B. Donham, Talmo, Kansas.**

J. B. Sherwood, Talmo, Kan.
A Shorthorn herd in the making where individual merit counts for more than numbers. Come and see me.

Meall Bros., Cawker City, Ks.
New Buttergask Shorthorns. Headed by Lavender's Marshall 856495. Males and females for sale.

A. A. Tennyson, Lamar, Kan.
I have for sale six bulls, breeding ages, by my herd bull, Clara's Type. Also cows and heifers to reduce my herd. 100 head in herd.

C. W. Taylor, Abilene, Kan.
Shorthorns of approved type and breeding grown under favorable conditions for the Kansas farmer and breeder. A fine lot of young bulls and cows and heifers for sale. Address as above.

Brookdale Farm Herd Shorthorns
Gwendale, a double grandson of Avondale. Scotch and Scotch topped breeding cows. Excellent bull calves for sale later on. Big type Durocs, fashionably bred. **R. C. Rhode Island Reds. A. J. Turfinsky, Barnes, Kansas.**

Sires That Have Influenced Kansas Herds—10

LAVENDER VISCOUNT

The Shorthorn bull, Lavender Viscount 124755, was one of the greatest bulls used in the Ravenswood Shorthorn herd of Missouri. It should be remembered that the Ravenswood herd is the oldest herd of Shorthorns west of the Mississippi River, having been founded in 1839 by Mr. N. Leonard, father of the late Capt. C. E. Leonard, whose son, N. Nelson Leonard, now is the "Master" of Ravenswood. The Leonards for three generations have conducted this herd on one farm, so it is a real mark of distinction when it can be said that Lavender Viscount was among the best sires ever used in this herd.

Lavender Viscount 124755, was bred by S. F. Lockridge of Greencastle, Indiana, sired by Baron Lavender 3d 78854, one of the best sons of Imp. Baron Victor 42824, and his dam was Gayety Vol. 34, P 617, by Viscount Richmond 89826. The second dam was by Baron Victor 42824, and the third dam by the great Pride of the Isles 25072. Lavender Viscount was calved March 16, 1896, and died August 20, 1909, making him thirteen years and six months of age at the time of his death. He was sold by Mr. Lockridge to Isaac Hammond of Greencastle, who sold him to Captain Leonard, bought at three years of age, weighing only 1475 pounds; and at a price of \$360.

Lavender Viscount first appeared in the show ring in the fall of 1900, as a four-year-old, at the Missouri State Fair, where he won first in his class, and championship. At the American Royal the same fall, he was again champion and was the winner of the \$400 Armour Trophy for the best bull at the American Royal of 1900. He had been fitted for this showing entirely on feeds grown at Ravenswood Farm. In 1901 he was champion at the Missouri

ALL CLASSES OF GOOD SHORTHORNS
Cows, heifers, bulls, young stock. Herd sire **Realm's Count 2nd** by Wooddale Stamp, grand champion and top bull at 1917 Central show and sale. **Dr. W. C. Harkey, Lenexa, Kan.**

Bluemont Auditor, Jr. Champion STOCK SHOW
Daisy's Faith First, 2-year-old senior and grand champion cow. Our winnings: 4 firsts, 4 seconds, 3 thirds, 2 champions and one grand on 8 head shown. **G. D. HAMMOND, ST. JOHN, KANSAS.**

J. P. Ray & Sons' Herds in Kan. and Okla.
Headed by Cumberland Hero by Cumberland Diamond and Missie's Sultan 2d by Missie's Sultan. A lot of foundation dams were Collynie bred. Write Guy Delay, Mgr., Hooker, Okla., or J. P. Ray & Sons, Lewis, Kan.

A Large Well Bred Western Kansas Herd
Dams mostly by Avondale Villager by Augustine and Whitehall Gloster by Ford Memory. Junior sires are Emblem Marshall by British Emblem and Medley by Maxwellton Wanderer. Offering cows, heifers, bulls and young stock. **Robert J. Aukley, Garden City, Kan.**

The Oldest Shorthorn Firm in Linn Co.
Dams mostly by Searchlight, Orange Lad, Orange Major and King's Choice. Herd sire, Vinewood Baron. Offering a number of nice bred heifers, yearlings, and calves. Priced to sell. Write **A. M. Markley, Mead City, Kan.**

Cumberland Diamond—Villager's Champion
These sires head the herd. Dams from popularly bred Scotch families as well as some from milking strains. Heifers, bulls, cows and young stock for sale. **E. L. STUNKEL, PECK, KANSAS**

Good Reliable Breeding Shorthorns
Imp. Kinochtry Ensign at head of herd. Dams by Lavender Stamp out of popularly bred Scotch dams. A Lavender Stamp sired bull and some Scotch topped females for sale. **F. J. KELLY, GARDNER, KAN.**

THE FOUNDATION KIND
Senior sire, Rosedale Secret by a son of Whitehall Sultan. Junior sire, Roun Acres Sultan by 2nd Fairacre Sultan. Dams, Dainty Dame, Wimple, Nonpareil, etc. Scotch and Scotch topped females and youngsters for sale. **F. W. Wilson & Son, Wellsville, Kan.**

VERY CHOICE SCOTCH SHORTHORNS
Herd sire is Brave Marshall, an outstanding son of Village Marshall. Herd is composed entirely of the most popular Scotch families. Write us your wants. **G. F. KELLERMAN, MOUND CITY, KAN.**

DUAL SHORTHORNS, FED. ACCREDITED
My Scotch bull, White Goods, has sired more record of merit, state champion and high testing daughters than any other Shorthorn bull in Kansas or the Southwest. Breeding stock for sale.
J. W. Hyde, Altoona, Kansas.

Cedar Lawn Shorthorns
Scotch heifers open or bred, bulls of serviceable age. Herd Sires: Challenger's Knight K. by Dale's Challenger by Double Dale and Hampton Primrose by Hampton Spray. **H. I. GADDIS, McCUNE, KAN.**

A POPULAR BRED HERD
Hampton Spray and Lavender Viscount cows and heifers bred to Fairacres Jr. by Fairacres Sultan Jr. and Villager bred serviceable aged bulls for sale. Good milking Shorthorns. **Theo. Jagels, Hepler, Kan.**

1894—Nevius Farms Shorthorns—1922
Females of best Scotch families. Young herd bulls by Golden Search by Searchlight, and Brave Sultan. Priced right.
C. S. NEVIUS & SONS, CHILES, KANSAS

R. M. Anderson, Beloit, Kan.
Milking Shorthorns, headed by Glenrose Lad 506412, the best Dairy Shorthorn bull in the west. Must sell him. Write for price.

Cloverleaf Herd of Shorthorns
A herd of pure Scotch Shorthorns headed by Baron Dale by Diamond D. Scotch cows and heifers for sale. Farm four miles west of Summerfield on the Nebraska-Kansas line. Write for prices and descriptions. **G. F. HART, SUMMERFIELD, KANSAS.**

State Fair, the American Royal and the International Shorthorn shows. By that time he weighed around 2300 pounds. It was at the last named show that he met and defeated Choice Goods, then a two-year-old.

Lavender Viscount was a deep red bull, thick, compact, short legged, and carried a depth and quality of flesh not often found. He was a bull of remarkable constitution, masculinity and Shorthorn character.

From 1899 until his death, Lavender Viscount was in regular service in the Ravenswood herd. First prizes and championships and top sales prices, both at public auction and private treaty have come frequently to his progeny. At one time J. H. Miller of Indiana, who exported to South America, bought eleven cows and heifers from the Ravenswood herd. Seven of these were daughters, and three granddaughters of Lavender Viscount. Merry Ravenswood 3d was in the lot, and in South America she produced the bull Americus, that won the junior championship as a calf and the championship among the bulls at the Argentine National Show at Palermo in 1913, and was sold at public auction for 80,000 pesos, equal to \$38,983 in gold, the highest price ever paid for a bull of any breed up to that time.

Because of Captain Leonard's well known conservatism, which made him stick to reds after roans had returned to popularity through the increased use of Scotch blood, he stuck to the tried American families in his herd, and for that reason Lavender Viscount has very little opportunity to sire herd bulls from Scotch bred cows.

The blood of Lavender Viscount has been an improving force in many of the best herds of cattle in America, and today is rated upon that basis among Shorthorn cattle breeders.—E. A. Trowbridge.

Heavy Milkers of Beef Type
Practical farm Shorthorns, in fact, is our specialty. Young stock by Villager Magnet for sale. Herd Federal tested.
Fred Abildgaard & Sons, R. 6, Winfield, Kan.

Scotch and Scotch Topped Heifers and Bulls
Some by Gloster Cumberland, Rock Island, etc., out of Marr Beauty, Cruickshank Secret, Lavender, Ruby Lass, Orange Blossom, etc. dams. Write your wants. **L. E. Wooderson, Route 6, Caldwell, Kansas**

HEIFERS AND BULLS
By Imp. Bapton Dramatist, out of Scotch dams, a number of which are imported. Write or visit our herd.
D. WOHLSCHEGEL & SONS, Harper, Kan.

FAVORITE BY SCOTCH CUMBERLAND
This sire heads our herd and gets good calves out of good herd cows. Write your needs for young Shorthorns.
FRED MANNINGER, HARPER, KANSAS

A CHOICE HERD
Headed by Marshall Sunray. Dams include Campbell Blooms, Cruickshank Butterflies. Scotch and Scotch topped young stock for sale.
O. H. WHITE, BURLINGTON, KANSAS

Emblem Jr., Noted Son
of Imp. British Emblem heads my Shorthorns. His choice sons and daughters now for sale.
E. S. DALE, PROTECTION, KANSAS

FEDERAL ACCREDITED FOR 4 YEARS
Our Shorthorns are headed by Maxwellton Mandolin, by Revolution, and out of an Avondale dam. Most popular Scotch families. Bulls and heifers for sale.
JOHN REGIER, WHITEWATER, KANSAS

Homer Creek Shorthorns
Herd federally accredited. The get of Scotch Lord have been consistent winners at the leading county and district fairs of Kansas, Oklahoma and Missouri this fall.
CLAUDE LOVETT, NEAL, KANSAS

Senior Sire Village Master
by Silver Knight out of a Lavender dam. Junior sire, Village Park Baron by (Imp.) Gainsford Rothes Prince out of Acanthus dam. Serviceable aged bulls out of Violet dams for sale. **W. H. Brookover, Eureka, Kan.**

EDGEWATER FARM SHORTHORNS
Federal accredited; headed by Cumberland Cup. Dams by Matchless Dale, Villager, Beaver Creek Sultan, etc. Write us your wants. **Ivy Allen & Sons, Burlington, Kan.**

Lowmont Shorthorns—Federal Accredited
Herd bulls, Augusta's Archibald by Right Stamp, out of Imp. Brandy's Augusta 4th and Merry Omega by Anoka Omega. Young bulls for sale. Fall sale October 25. **E. E. HEACOCK & SONS, Hartford, Kan.**

Collynie Bred—Scotch and Scotch Topped
Herd sires, Kansas Prince, a line bred Collynie; Collynie Fairacres by Fairacres Jr., and out of Imp. Mayflower dam; Usonia Choice Goods by a Choice Goods sire. Good bulls for sale. **O. O. Massa & Sons, Coffeyville, Kan.**

Knox Knoll Shorthorns
Senior sire Scotch Cumberland by Cumberland Type out of Burwood Royal. Junior sire Radium Stamp by Good Stamp on Marr Emma foundation. Federal accredited.
S. M. KNOX, HUMBOLDT, KANSAS

125 FEMALES OF BREEDING AGE
All bred last spring to Villager bulls. A tuberculin tested herd of Orangeblossoms, Victorias, etc. Scotch and Scotch topped. Nothing for sale now.
WALTER WELCH, MACKSVILLE, KANSAS

MORE IMPORTED COWS
than in any other Shorthorn herd west of the Mississippi. Herd sires, Imp. Lochdu Warrior and Imp. Majestic. Both bred by Durno. Young stock for sale.
J. C. ROBISON, TOWANDA, KANSAS

LOOKY ACRES SULTAN
By Fairacres Sultan, heads my herd. Most of the dams are on Victoria foundation. Young stock by Looky Acres Sultan and Village Viscount, by Gregg's Villager. Write us. **Fremont Ledy, Leon, Kansas.**

BRITISH VILLAGER
by British Emblem and out of a Mysle dam, heads the herd. Dams mostly Orange Blossoms, Aconites, Proud Queens, etc. Nothing for sale; inspection invited. **ASENDORF BROS., GARDEN PLAIN, KAN.**

POLLED SHORTHORNS
Grassland Polled Shorthorns
Young bulls for sale of a very high quality. Also females, either cows or heifers. Inspection is invited. Address, **ACHENBACH BROS., Washington, Kan.**

200 REG. POLLED SHORTHORNS
One of Kansas' largest Shorthorn herds. Headed by four of the best bulls of the breed. Fall sale November 8.
J. C. BANBURY & SONS, PRATT, KAN.

Sunnyridge Stock Farm
Bulls from 8 to 15 months old. Gloster's Leader, an international winner 1919, heads our herd.
W. A. Prewett & Sons, Asherville, Kan.

POLLED SHORTHORNS
Increasing in popularity. Cows, heifers, yearling bulls by Forest Sultan and Buttonwood Marshall. A large herd from which to make selections.
C. M. Howard & Sons, Hammond, Kan.

SUNNY SLOPE STOCK FARM
Two open polled heifers, a red and a roan, 15 and 18 mo. old; good individuals and priced right, for immediate sale.
T. M. WILLSON, LEBANON, KANSAS

Entire Herd for Sale
My entire herd of registered Polled Shorthorns for sale at a bargain if taken at once. A splendid young herd. Write for full information.
GEO. A. HAMMOND, SMITH CENTER, KAN.

D. S. SHEARD, ESBON, KAN.
Invites your inspection of his Polled Shorthorn herd at any time. Showed 8 head, won 5 ribbons at the County Fair. Stock for sale.



If you took a knife and sliced it through—

here's what you'd find:

Not just a shell of rubber and stiffened fabric—but the real explanation of the rugged strength that gives to "U. S." Boots extra months of wear.

First a series of strong reinforcements, from seven to eleven layers of rubber and sturdy fabric at every point of strain and wear—across the instep, above the heel, about the ankle, etc.—

A flange shaped sole of one single, solid piece of rubber, extending all the way from toe to back of the heel—

Tough, flexible rubber everywhere backed by the best grade of heavy, close-woven fabric—

A special lining that adds stiffness to the upper and prevents wearing out from the inside.

The diagrams on the left show you some of these details. Every one means longer wear and greater boot comfort.

We've been making rubber footwear for 75 years. We don't just buy rubber—we produce on our own plantations the finest grade that can be grown. Our factories are manned by the most experienced boot-makers in the country—craftsmen who know the value of painstaking care. And we're proud of the results—and of the satisfaction U. S. Boots are giving to farmers everywhere.

Other "U.S." Footwear—all built for long wear

You'll find every type of rubber footwear in the big U. S. line. There's the U. S. Walrus, the famous all-rubber overshoe—the U. S. Lace Bootee, a rubber workshoe to be worn over your socks for spring and fall—U. S. Arctics and Rubbers—all the styles and sizes for the whole family. Look for the "U. S." trademark before you buy—the honor mark of the oldest rubber organization in the world.

United States Rubber Company



Ask for
"U.S." Boots



8 Layers
Extra heavy flange sole

THE SOLE—A thick, single layer of the finest, toughest high-grade rubber. Its flange shape means extra protection and wear. A rugged outside foxing unites the sole and the upper into one solid piece.



11 Layers
BACK OF THE HEEL—Eleven layers of heavy duck and highest grade rubber make this one of the strongest points of the whole boot.



8 Layers
THE INSTEP—A boot has no lacing in front, like a shoe, to give as you walk. Every mile you go, the rubber bends and buckles 900 times. We've put a series of graduated reinforcing layers into the instep, combining unusual flexibility with surprising strength.



7 Layers
THE ANKLE—Here's where so many boots sag and crack. The "U. S." Boot has an extra "collar" that runs all the way round the leg, and on top of that is vulcanized a heavy side-stay.