Forty Pages

# The

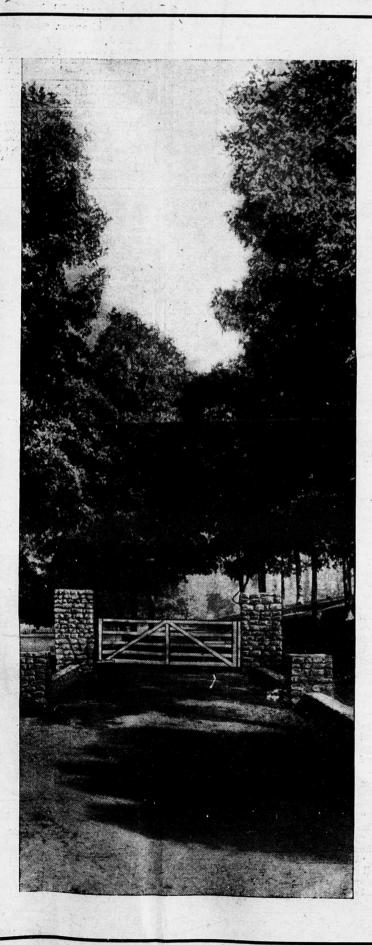
Price Five Cents

# FARMERS MAIL AND BREEZE

Vol. 46.

January 1, 1916

No. 1.



# A Gate Way To Future Prosperity

HERE never was a time at the gateway to a new year when the agricultural future of Kansas was so encouraging. Farmers are facing the season of 1916 with a greater belief in the state than ever. It is likely that more progress than we have ever known will be made in the coming year in the advancement toward a permanent and more profitable system of farming.

Much encouragement can be found in the record which has been made. Kansas has 1,200,000 acres of alfalfa, the most profitable general field crop, which is far more than the acreage of any other state. The area used for this crop is increasing rapidly, an increase which is doing much to maintain the soil fertility and to encourage men in establishing a profitable system of livestock farming. To balance the ration supplied by this protein crop Kansas now has more than 10,000 silos, and it is increasing this number at the rate of

eight a day.

While it is true that 1915 was not an ideal season, due largely to an excess of moisture, it is true also that there were many favorable results. Perhaps the most important thing is the encouragement it gave to the farmers in the western third of the state. Farming in western Kansas was very profitable in 1915.

The state produced a larger crop of corn than usual; the government estimate gives Kansas credit for 172 million bushels in 1915, as compared with 108 million bushels in 1914. The wheat crop was not so large as in 1914, but at that the state harvested 107 million bushels, which is far larger than the average. Kansas also produced 43 million bushels of oats and 4,050,000 tons of hay in 1915. The crop of hay was almost twice as large as the year before—1915 was one of the best hay years Kansas has ever known.

Great progress has been made in solving the state's most important problem, which is to establish a more satisfactory rural life. The Farmers' Grange, the Farmers' Union and the other co-operative organizations are growing rapidly. They are doing much to improve social conditions in the country as well as helping to make the business of farming more profitable. The state is making progress in developing rural leaders; much of the agricultural advancement of Kansas is due to organized effort, led by farmers.

In the coming year the progress probably will be continued in much the same way as in the last twelve months. There will be a still greater development of co-operation, more attention to social features and an intelligent effort to develop a satisfactory rural life. With material affairs the year will bring a greater acreage of alfalfa and the other legumes, more attention to crop rotation, a larger number of silos and a real attempt to found a system of livestock farming, permanent and more profitable than in the past years.







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### Happy New Year

THERE is likely to come over us this new morning of the new year, that awesome feeling of passing from the known and familiar to a newer and stranger existence, to face in the coming year we know not what. Yet it is a time of hope and neighborly good will; and rightly, for we know whatever good or ill fortune has been ours during the old year and in all other years, that the years leave us immensely richer and better in that wonderful, priceless, strengthening thing called human experience. And we say "Happy New Year" to one another with much good reason.

One thing we learn is that from President down to plain, plug citizen, or from plain, plug citizen down to President, we are "just

citizen, or from plain, plug citizen down to President, we are "just folks"; that we become better citizens and neighbors, and finer, broader men and women, the longer we live. That this is the great

purpose, the real business of living.

If I have one New Year wish or resolve which I think more important than any other, it is the wish and resolve to know my friends and neighbors better, to let kindness, good will and genuine friendship for them and their welfare inspire my actions. With such a rule of conduct and spirit of co-operation generally observed, there is nothing worth while we might not do as citizens. The one thing the world learns slowest is that kindness and good will have taken more positions from the enemy than guess and beyonets ever taken more positions from the enemy than guns and bayonets ever will take.

It is our fortune and our opportunity to be living in one of the most critical periods of human history. Yet if we cheerfully, confidently and hopefully follow the light of conscience and the wisdom of fairness, thrift, simplicity, and truth, in our public and our private life, we shall walk unscathed, and unafraid through this fiery furnace, and prosper mightily in happiness and well-being. Let no one despair or grow faint-hearted, through thinking that he alone, is so guided, for the race of men is moving forward, and only evil perisheth.

In these and all other matters I hope the new year will prosper you, and with all my heart I wish you and the readers of the Farmers Mail and Breeze a Happy and a Profitable New Year.

#### Sunday School Lesson Help

BY SIDNEY W. HOLT.

The lesson for January 9: The Coming simple.

of the Holy Spirit. Acts 2: 1-13.
Colden Text: Know ye not that ye are a temple of God, and that the Spirit of God dwelleth in you? 1 Cor. 3:16.
Nearly all Jewish houses had an upper

room or court, where the owners housed their fowls and goats at night. It is thought that the upper room used by the disciples, as their meeting place, be-longed to Mary the mother of Mark. Here for ten days after Christ's as-cension the disciples had obeyed his com-

mands to watch and pray for the coming of the Holy Ghost. They had faith in tinued steadfastly in prayer.

More things are wrought by prayer than this world suspects. God answers than this world suspects. God answers went up to Jerusalem for the fast of prayer for spiritual gifts in two ways, Pentecost; and from each district they one by making the soul capable of respoke a different dialect. What must one by making the soul capable of re-ceiving such a gift, and by the gift itself. have been their surprise and wonder to The disciples were ready to receive the Holy Ghost and so both kinds of answers were given on the day of Pentecost.

Pentecost was a Jewish feast, coming

a fitting coincidence that the Spirit, sometimes called.

The Savior used the Greek word for FRED WHITE, BELOIT, KAN. and we could not live without it.

> Spirit and wind are interchangeable. We may see results accomplished by each, but never the manner in which the re-

sults are achieved.

We are told that a sound was heard of a mighty wind. It filled all the "They have six." said her mother. "They have six." said her mother. should consider that about enough." of a mighty wind. It filled all the house; but it was wind only in sound. Nowhere over the rest of the city did it blow. It filled this room where the disciples were patiently waiting for it in prayer.

John the Baptist had prophesied that there was one greater than he who would baptize with the Holy Ghost and with fire. Fire is a very expressive symbol of the Holy Spirit. It cleanses and purifies, gives warmth from without and light from within. The comfort which

fire gives to our material life, the Holy Spirit gives to our Spiritual life. It is joy and peace and makes us see as well as feel, filling our souls with an unconquerable enthusiasm.

The symbol of the tongues is very simple. The tongue is the means of spreading the gospel and those who are filled with the Holy Spirit, speak with new power and meaning, to all hearts, all needs and all kinds of characters. The tongue is an outlet of the soul. Our modern gift of tongues is the printing press of today, sending out its wonderful copies of the Gospel to all Nations, in

The diciples had a knowledge now of what the Holy Ghost could do, and for this once they had had visible signs of its power. Their ignorance was turned into light, their doubts into certainty, their doubts into certainty, Jesus's promise that it would come, and their fears into a firm and invincible with that faith in their hearts they confortitude. They were common men no

longer; they were inspired and glorified.
This was the season when the Jews these Galileans.

At first they listened in astonishment, on the morrow after the seventh Sab-bath succeeding the Passover. As Jesus sending His Son Jesus, the Messiah. to arose the day after the Sabbath, Pente-cost came on the Christian Sunday. It was the day on which the Israelites course, as people do today, but the were to remember that they had been bondmen in Egypt, and that Jehovah first birthday of the church was three had led them forth into freedom. It was a fitting coincidence that the Spirit.

What society needs today is a new which was to make men free and guide motive, not a new cant, and it is only the church into the truth, should come through the cleansing fire of the Holy on this the day of first fruits as it was Spirit that it can get this new zeal and energy.

From last week's lesson and from this both wind and Spirit, and it meant "the one we learn that Christ is the Ideal, breath of life." While in its action it is the coming of His Kingdom our goal, sometimes powerful and all prevasive, and the Holy Spirit the transforming at other times it is gentle and soothing, power. The personality of Jesus Christ and we could not live without it.

We can see easily how the words powers back of the Christian religion.

#### The Line of Succession

"It's too bad," said little Bessie, "that

"Well," said the little girl, "they can all take one another's clothes as they grow up: but there isn't any one to take little Johnnie's, and it seems kind of wasteful."

We feel we can scarcely get along without the Farmers Mail and Breeze, and we enjoy the continued story so much. Vernon F. Morris.

Franklin, Ia.









#### Veterinary Course at Home



Dr. E. H. Baldwin writes: "I took the course for my own benefit on the farm, but the success I had started me in practice and now I am going night and day. Your course has been worth thousands to me, and will be to any man."

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# THE FARMERS MAIL AND BREEZE

An Agricultural and Family Journal for the People of the Great West



TOPEKA, KANSAS, JANUARY 1, 1916

Subscription

# Tomatoes by the Ton

# .Katherine Wulff Won the \$25 Prize Offered by Arthur Capper this Year



ATHERINE Wulff of Hanover, Kan., is the champion tomato Kan., is the champion tomato grower of Kansas, and the world. She produced 3,110 pounds of tomatoes this year on a plat of ground 33 feet square, and won the \$25 prize in the Capper Girls' Tomato contest. Figure that out for yourself and you will find that she was growing tomatoes at the rate of more than 62 tons to the acre. Think of it—62 tons and 400 pounds of tomatoes. If she had grown an acre, instead of one-fortieth of an acre, and had hired a man to carry away a 50

instead of one-fortieth of an acre, and had hired a man to carry away a 50 pound sack of tomatoes every day, it would have taken him almost seven years to finish the job. If anyone ever grew more than 3,110 pounds of tomatoes on one-fortieth of an acre I should like to hear about it.

The affidavit made by Miss Wulff is shown on this page. That is all the proof that we required, according to the rules of the contest, but Miss Wulff's record was so remarkable that we were afraid someone would say that it was impossible—that no one could grow so many tomatoes on so small a plat of ground. To establish the record so that no one can question it, we obtained letno one can question it, we obtained let-ters from August Jaedicke, Jr., presi-dent of the Hanover State Bank; the Rev. K. Klinger, Lutheran pastor at Hanover; and Miss Ruby Lobberding, who is Katherine Wulff's teacher. Here is the letter from the bank president:

We are well acquainted with Miss Katherine Wulff and her parents. We know them to be a truthful and honorable family, and worthy of confidence. Miss Wulff is a young lady of excellent character.

AUGUST JAEDICKE, JR.

Here is what the pastor of Miss Wulff's church has to say:

Wulff's church has to say:

Katherine Wulff of Hanover, Kan., a member of my confirmation class, has taken part in a tomato contest. I have not controlled the output of her tomato patch, but I know her as a most painstaking and conscientious girl, and can testify that every one of her statements can be relied upon. Her mother, Mrs. H. H. Wulff, has given me the details of the proceeds, and I am convinced the statements are entirely correct.

K. KLINGER, Lutheran Pastor.

Here is the letter from the school

I am writing in regard to the first prize on tomatoes received by Katherine Wulff. I wish to say that her report is correct, and that the tomatoes were raised by her.

BY V. V. DETWILER Secretary Capper Girls' Tomato Club

The Capper Girls Tomato Club

This is to certify that Katherine Wulff, Honover, Kansas, during the present year, 1915, produced 3,110 pounds of tomatoes on a plot of ground 33 feet square, or of such other dimentions as would make it contain not more than 1089 square feet; and that she made a net profit of \$43.31 from these tomatoes.

I hereby certify that the yield of tomatoes as reported by me was is correct.

> Katherine Wulff Signature of contestant.

Subscribed and sworn to before me this \_ y day of

\_\_\_ 1915.

This instrument is recorded on page of my Notary Public Register A.

august garders wife



lasion expires Man 5 1916.

I saw them, and certainly she had nice ones. They were the finest ones I ever have seen. I was very glad to hear that the prize was awarded to her, as I think she is very deserving of it. She is a diligent pupil, and one who will appreciate her prize. Yours respectfully,

"My plat was on rather low ground," said Miss Wulff. "The land was broken only a year ago. Father plowed the ground 6 inches deep, April 16.

"I used Stone tomato seed. The first package of seed was planted April 6, and I transplanted my first plants April

30. The seed did not come up very well, so I planted another package of seed April 16 and transplanted some of the plants May 10. The cutworms were in my patch, and I transplanted five times. The last transplanting was done June 12. My rows were 3 feet apart in the rows. I hoed my plants once or twice every week. No fertilizer was used, because the ground was new, and in a low place.

"The tomato plants grew very slow-ly at first, because of the wet season, but after they began to bear they did fine. Some of my tomatoes weighed 1½ pounds. It took a lot of work to keep the weeds down this year. The grass-hoppers damaged quite a few of both prizes. If everyone could grow the weeds have been able to win prizes. If everyone could grow the season, pour side of the weeds and the plants were 2 feet apart in the contest are: Georgia Bowman, Coffeyville; Ollie Hemenway, Rush Center; Ella A. Anderson, Haviland; Esther Esslinger, Madison; Eula Johns, Emporia; Erma Johns, Emporia; Pearl Elliott, Savon-burg; Ethel Muddell, Hunter; Mabel Jones, Thayer; Stella Davis, Peabody.

Every one of these girls should feel proud of placing in the contest this year. All of them are skillful gardeners, or they would not have been able to win prizes. If everyone could grow them.

"The tomato plants grew very slow-ly at first, because of the wet season, but after they began to bear they did fine. Some of my tomatoes weighed 1½ pounds. It took a lot of work to keep the weeds down this year. The grass-hoppers damaged quite a few of both green and ripe tomatoes for me.

"I sold 19 bushels of tomatoes, and gave away 11 bushels. I canned 164 quarts, and preserved 19 quarts. I picked my last tomatoes October 4. There were 3 bushels of green ones, and 1 bushel of ripe ones. Mother made these into tomato pickles, chow chow, picalilli, mincemeat and tomato butter, of which we are all very fond."

An itemized account of receipts and An itemized account of receipts and expenses is included in Miss Wulff's report. Her total receipts were \$55.07 and total expenses, \$11.76, leaving a profit of \$43.31. None of her tomatoes were sold at fancy prices. Early in the season she got \$1 a bushel for them. The second week in September she began selling for 75 cents a bushel, and at the end of the season the price was 50 cents. The canned tomatoes she fig. 50 cents. The canned tomatoes she fig-

ured worth 15 cents a quart, and the preserved ones 40 cents.

A mighty good record was made by Edna McIlvain, Portis, who placed second in the contest. She grew 1,300 pounds of tomatoes, and made a profit of \$15. A bronze medal was second prize in the contest.

"My ground was plowed deep, early in the spring," said Miss McIlvain. "The seed was planted about April 1, some in boxes and some in the garden. Early in May, when the plants were about 4 inches high, they were set out in rows. The rows were 30 inches apart, and the plants were 18 inches apart in the rows. I did not set them all out then, because it was pretty cold. At nights I come it was pretty cold. At nights I covered them with cans and straw, so that they would not frost.

"The ground is a rich, black upland soil, and no fertilizer was needed. I watered the plants well when I set them out. As soon as the weather got a little warmer I finished transplanting. The second planting soon was as large as the first, because the weather had been so cold that the first ones had not grown much. Then came the rains and warm weather, and they grew won-derfully. The tomatoes did not ripen and warm weather, and they grew wonderfully. The tomatoes did not ripen early, because the weather was too wet. The first picking was made August 18. A good many rotted on account of the wet, cloudy weather. The vines were killed by the frost October 7, and I picked 152 pounds of green and ripe tomatoes."

Olive Early, Harveyville, won third place in the contest. This is the third year that Miss Early has won a place in the Capper Tomato contest. "Tomato contest."

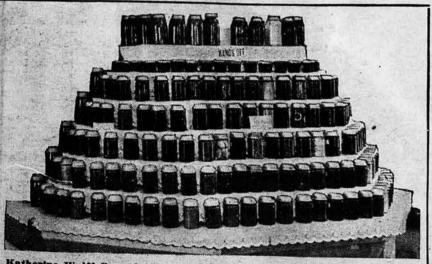
they would not have been able to win prizes. If everyone could grow tomatoes as well, there would be no market for the crop.



In a small country church not long since, a little child was brought forward for baptism. The young minister, taking the little and in his arms and taking the little arms and taking the little arms are little arms and taking the little arms are little arms and the little arms are little arms and the little arms are lit ing the little one in his arms, spoke as

"Beloved hearers, no one can foretell the future of this little child. He may grow up to be a great astronomer, like Sir Isaac Newton, or a great labor leader like John Burns; and it is possible he might become the prime minister of England."

Turning to the mother, he inquired, "What is the name of the child?"
"Mary Ann," was the reply.—Lillian M. Parks, North Carolina.



Katherine Wulff Canned 164 Quarts of Tomatoes, and Preserved 19 Quarts. This Year. This Took \$4.50 Worth of Time.

#### DEPARTMENT EDITORS

Entered as second-class matter Feb. 16, 1996, at the postoffice at Topeka, Kansas, un-der act of Congress of March 3, 1879.

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Changes in advertisements or orders 12 dis-continue advertisements must reach us not later than Saturday morning, one week in ad-vance of the date of publication. We begin to make up the paper on Saturday. An ad can-not be stopped or changed after it is inserted in a page and the page has been electrotyped. New advertisements can be accepted any time Monday. The earlier orders and advertising copy are in our hands the better service we can give the advertiser.

#### The Farmers Mail and Breeze

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

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DEPARTMENT EDITORS

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# Passing Comment--By T. A. McNeal

#### Defending His County

The editor of the Reveille-New Era of Hill City, calls me down on a statement I made week before calls me down on a statement I made week before last concerning corn growing in western Kansas. I said that I had watched western Kansas for thirty years and that during that time the corn crop had either been poor or a failure four years out of five. Editor Inlow insists that I am wrong, at least so far as Graham county is concerned. He says, "Corn, one year with another beats wheat in Graham county. Taking the agricultural reports for it, dating from 1906 to 1914 with the two crop failures of 1911 and 1913 figured in, we produced for the ten years more than an average of I million bushels of corn a year."

Editor Inlow seems to have the figures to back

Editor Inlow seems to have the figures to back his statement so I will have to acknowledge that Graham county is a much better corn county than I had supposed.

I lived for 15 years in Barber county, which es just west of the middle line of the state and is therefore one of the most eastern of counties in western Kansas. During those fifteen years there was just one really good crop of corn in that county or west of it so far as I know.

county or west of it so far as I know.

It is true that there was corn raised every year. There were fields located in the bottoms where they were sheltered by the groves or by the surrounding hills so that the hot winds did not have the opportunity to sweep over them and blast the growing corn. Here good crops were raised nearly every year, but these were exceptional fields. In 1889 there was an immense yield of corn; that season there was hardly a poor field of corn in the county, but it was the only year as I have said, during the fifteen in which there was a generally fine yield.

While Graham county is farther west than Bar-

While Graham county is farther west than Barber it seems to be a better corn county than most of the other western counties. I am glad to learn that the farmers of Graham county have raised good crops of corn but I must still insist that speaking generally western Kansas is not a corn country.

Editor Inlow sends me some other interesting figures comparing Graham with some of the best counties in the state. These figures show that in 1908 Graham county produced more per capita in the way of crops than any one of the following named counties: Doniphan, Brown, Nemaha, Marshall, Washington or Republic, which by the way are some of the very best agricultural counties in the state. In that year the value of crops per capita in Doniphan was \$109; in Brown, \$224; in Nemaha, \$214; in Marshall, \$259; in Washington, \$265; in Republic, \$289 and in Graham, \$201.

In-1910 a comparison of Graham with Doniphan.

\$265; in Republic, \$289 and in Graham, \$291.

In-1910 a comparison of Graham with Doniphan, Brown, Nemaha, Marshall, Washington, Republic, Jewell, Smith, Phillips and Norton, shows Graham produced more per capita than any of these counties except Jewell and Smith. In that year Smith county led with a per capita production of \$375 and Jewell followed with a per capita of \$373. Graham followed Jewell with a per capita of \$374. It is only fair to say, however, that in that year Graham had a population of \$,155 as against 15,564 in Smith and 17,338 in Jewell.

### **HAgainst Preparedness**

"I am writing you," says a letter received from a merchant at Garfield, Kan., "thinking it may encourage you to work a little harder against this preparedness program."

that I have not been acting in this dis-I trust Trust that I have not been acting in this discussion like a man who is trying to throw a race. No more idiotic hysteria has ever swept over the people of this country than the present howl for military preparedness. It seems to be as contagious and virulent as the smallpox and the men of the brightest intellect are its readiest victims.

Nothing better, perhaps, could have been expected of Roosevelt who spent several million dollars in sending the fleet of naval vessels round the earth to show the other nations that the United States was fully prepared at a time when none of them was even intimating that it wanted any trouble with us; but it seems somewhat inconsistent that even Roosevelt should now insist that we are in a condition of total helplessness and open to imcondition of total helplessness and open to im-

mediate invasion, when our fleet is stronger than the one he sent so proudly round the globe.

But I cannot help believing that President Wilson at heart does not believe in this hysterical nonsense. I cannot believe that he has utterly reversed his judgment of a year ago and now see year like sense. I cannot believe that he has utterly reversed his judgment of a year ago and now sees red, like Roosevelt. Believing this it makes me think less of the President. I can respect a man who is honestly mistaken as I believe a great many public men are at this time, but I have little use for the man who I think is changing his policy in order to curry favor with the men he thinks may be necessary to his re-election. The President's last necessary to his re-election. The President's message seems to me to bear the marks of insin-cerity. It was a plain effort to catch both sides, to make the advocate of military preparation be-lieve that he, Wilson, is favorable to that side, and at the same time trying to make the opponent of militarism believe that the President is on his

There are passages in that message which are not There are passages in that message which are not only contradictory to each other but which are absolutely nonsensical although couched in beautiful English. When the President says in one part of his message that we should have the army increased including regulars and trained reserves to 600,000 men and in another sentence declares that we will not increase the army beyond the "immediate and continuous needs of an army in time of peace when no enemy threatens us," he knows that he is talking nonsense. He knows that in times of peace we have no "continuous need" of an army at all. He knows that the only possible excuse for any we have no "continuous need" of an army at all. He knows that the only possible excuse for any standing army in this country is to be prepared for a possible war. President Wilson is not a sentimentalist. That long, stubborn face of his indicates just the opposite temperament. My opinion is that no man in the United States knows better when he is talking passenge and utter halderdash than President is talking nonsense and utter balderdash than President Wilson. He knew that he was talking nonsense when he wrote that message, but it evidently occurred to him that it was necessary for him to do something to placate the business concerns inter-ested in the making of munitions of war and the jingoes, if he wanted to be re-elected, which he evidently does. He wants to be re-elected so badly he can taste it.

he can taste it.

I have no disposition to let up in the fight on this folly which not only will cost the people of the United States billions of dollars within the next few years, but will set us on the dangerous road which leads to war. But I must say in frankness to the subscriber at Garfield that my opinion is that the militarists are going to win in Congress. Personally I will not knowingly vote for any man for Congress or the Senate who either votes for the increased military expenditures or who is not opposed to such increase. I hope at least that Kansas will send a solid delegation opposed to that sort of thing. In a few years this hysteria will have abated and then it will be worth while if we can say that Kansas never caught the disease.

#### A Failure of Course

J. O. Samuelson of Chugwater, Wyo., writes me J. O. Samuelson of Chugwater, Wyo., writes me at considerable length in opposition to the "preparedness" craze which is sweeping over the country. He says: "The war policy is a failure." Certainly it is, but a considerable number of persons in high places either have not sense enough to see that fact which ought to be self-evident, or they do see it but are unwilling to acknowledge it.

There has not been a war for 100 years which could not have been prevented by not to exceed 20 men. We often say that the War of the Rebellion was inevitable; that slavery and freedom were incompatible in a Republican form of government and that, as Lincoln said, the nation must eventually

compatible in a Republican form of government and that, as Lincoln said, the nation must eventually become either all slave or all free. That was true and entirely logical, but if 20 leaders of the South had had sense enough to acknowledge that self-evident truth and set to work to educate public opinion in the South to accede to the proposition made by Lincoln that the nation pay the slaveowners for their slaves and set them free, it could have been done. It would have saved in the long run not less than 10 billions of dollars and the lives of a million men. Not only that but it would have been vastly better for the black men. There would have been none of the bitterness toward them which exists now in the minds of the whites of the South. ists now in the minds of the whites of the South. There would have been none of the troubles of the

Reconstruction period. As it was the most of the slaveowners did not then, and a good many of them have not even yet, acquiesced in or become reconciled to the freedom of the slaves. They felt that they had been deprived of their property by the force of arms, and while men may be forced to yield by armies they are mighty slow in becoming reconciled to it. ciled to it.

ciled to it.

If, however, they had voluntarily agreed to sell their slaves at a fair figure they would have had no possible, ground for complaint and the better class among them instead of trying to devise ways by which the freedman could be reduced to a condition of practical slavery, would have been more apt to try to better his condition in a state of freedom. At that time it would have been possible to give the ex-slaves a territory by themselves where, under the helpful and kindly guidance of humane white men and women, they could have been taught the habits of industry and the duties of citizenship. In other lands where slaves were freed without war there have been practically no race troubles. I firmly believe that if slavery had been peacefully abolished in the United States there would have been no race troubles worth mentioning would have been no race troubles worth mentioning

War left its legacy of hatred and bitterness as it always does. We talk a good deal about the complete reconciliation of the North and South but the bitterness of that conflict lingers yet. Men still divide politically, not on rational lines but on unreasonable sectionalism.

It is now known that the war between this country and Spain was unnecessary. The jingoes of that time were responsible for it. Spain was ready to get out of Cuba. The independence of that island could have been accomplished without the shedding of a drop of American blood or the expenditure of a dollar. Fitz Hugh Lee, consul general at Havana, before the outbreak of the Spanish American war, requested that no warship be sent to Havana harbor. But the naval board insisted on sending the Maine there. The result was the blowing up of that vessel and the loss of nearly 300 lives, not by order of the Spanish government, blowing up of that vessel and the loss of nearly 300 lives, not by order of the Spanish government, as is now generally acknowledged, but by some hot headed Spanish official in Havana. McKinley yielded his own judgment to the insistence of the war-howling jingoes and as a result the United States has been saddled with a foreign possession which has cost us directly and indirectly more than 2 billion dollars, the lives of 16,000 men and the danger of foreign complications which are the only real menace to our peace. Twenty men in Europe, if they had been of a united and earnest purpose, could have prevented the present war. The people of any nation do not go to war of their own volition. They follow their leaders.

#### Says I Am in Error

J. A. Boylan of Arkansas City, Kan., calls my attention to a law modifying the herd law. This law which was passed by the last legislature, seems to make it obligatory on a landowner-to build his half of a line division fence when his neighbor demands it regardless of whether it is a hard law mands it, regardless of whether it is a herd law county or not. I had stated in answer to an inquiry from a subscriber that in herd law counties the landowner could not be compelled to build a

I think, after reading this law, that Mr. Boylan is correct. It seems in fact, to come very nearly repealing in effect the herd law, as under it the landowner who desires to keep stock can compel his neighbor who does not keep stock, to build his share of the division fence.

The herd law originally was passed to benefit

The herd law originally was passed to benefit the poor man who had taken up government land but who was not able either to buy much stock or to build fences. It was in my opinion a good law. It is possible that we have advanced to the state where the herd law is no longer necessary as a protection although I am not sure about that. It is evident however, that the stock men put one over on the herd law men in the last legislature.

#### State Hail Insurance

I have two letters here, one from F. P. Mercer of Conway Springs and one from L. A. Spitze of Offer-le, enthusiastically commending the idea of a state hall insurance tax, a slight tax of say 5 cents an

acre levied on all the wheat acreage of the state, to be put into a hail insurance fund in the state treasury to be used in paying hail losses.

Mr. Spitze says that he has carried insurance in a Kansas mutual company and when the time of settlement came the losers were able to get from the company only 18 per cent of the loss. Mr. Mercer has had some similar experience in the past and as a result, last year, insured his crop of 300 acres in an old line company. For this protection he had to pay \$165. Fortunately, this year, he had no loss from hail. If there had been a state tax of 5 cents an acre on all the wheat acreage his share of the tax would have been only \$15 instead of \$165, or even if the state tax had been 10 cents an acre his payment would have been less than one-fifth of what it was.

I have no doubt about the benefit of such a law if it could be enforced under our present constitution, but I fear that provision of the constitution which requires that all taxes shall be uniform would make such a law invalid. If the amendment which was voted down at the last election had carried there would be no question about the right of the legislature to pass such a law. I think the voters of the state made a mistake in defeating the tax amendment.

A Large Request

Editor The Farmers Mail and Breeze—Will you rindly publish in your next issue a list of the names of all the United States officers?

RAY ADAMS.

names of all the United States officers?

RAY ADAMS.

As there are at present considerably more than 100,000 persons in the United States holding various offices under the government the full roster would make a pretty fair sized book. If Ray will get a copy of the World almanac for 1915 or if he wants to wait for a couple of weeks he can get a copy of the almanac for 1916 in which he will find the names of the leading officials of the United States—the President and the members of his cabinet; the names of the members of the Supreme court and of all the Chronit and District judges; the names of all the members of the United States ambassadors and consuls representing this government in foreign countries; the names of all the United States inarshals; the names of the various officers in the departments at Washington; the names of all the centrals in the regular army and the names of all the centrals in the regular army and the names of the centrals in the regular army and the names of the centrals in the regular army and the names of the centrals in the regular army and the names of the centrals in the regular army and the names of the centrals in the regular army and the names of the centrals in the regular army and the names of the centrals in the ray with the names of the rice admirals, captains and commanders. All this information with a vast amount of other very useful and interesting information he can obtain for 35 cents.

Agrees With Dickerson

Agrees With Dickerson

Editor The Farmers Mail and Breeze—When I looked over my paper of December 4 I said "Amen" when I read the short writing of F. A. Dickerson, of Tonganoxie. I am a farmer and have been meet of my life. I have often wondered why our lawmakers spend so much time discussing the promote of the said of the year trying to set in a crop, part of the year trying to set in a crop, part of the rest of the year trying to set in a crop, part of the rest of the year harvesting it and the remainder of the year feeding what we raise to hogs and cattle, struggling to make both ends meet and pay our taxes, and satisfied if we can manage to do that. Why does not Congress set busy and pass a federal law regulating the packers who change our hogs and cattle from dot to block for the consumers? Today we are seeding 60-cent corn to our hogs and selling them for about 6 cents net, and have hard work to realize the cost of the corn, to say nothing about our labor. While the packers are making millions the farmer is making little or nothing and the consumer is getting no benefit either. I would not greatly complain if, when the farmer is compelled to send it on down the line to the conmer, for that would mean a gain to many who sed it. But the consumer never, or at least hard-sever, gets any benefit from the reduced price pray the time may soon come when justice will be done both to the producer and consumer. And again I say "Amen" to Brother F. A. Dickerson. Centerville, Kan.

W. S. CAMPBELL.

#### A Manifest Injustice

Editor J. L. Papes of the Mulvane News writes as

collows:

Editor The Farmers Mail and Breeze—You have elved to solve many a community problem arough publicity, and I wish you would help us nours. It is a school problem of a peculiar name. Mulvane, as you know, is on the line of edgwick and Sumner counties. The school distite is small, with but little territory outside the lown, making the tax money available for high shool purposes at an ordinary mill rate insufficient to maintain the kind of a school we want as aboutd have. In spite of the fact that local chool taxes are necessarily large, Mulvane taxalyers are annually compelled to pay several hundred dollars to maintain the high school at the ounts seat—for Sumner has a county high school layers are annually compelled to pay several hundred dollars to maintain the high school at the county seat—for Sumner has a county high school aw. The attendance at the county high school is argely made up of county seat residents, for the county seat maintains no high school of its own but uses the county high school. But that is only one side of the case. That part of the Mulvane district lying in Sedgwick county pays in taxes for the Barnes law schoels, and, because our school listrict is mestly in Sumner, we get none of this fund. It would seem that communities like ours, where it is imperative that a local high school be maintained, should be exempt from being taxed for the maintenance of other schools from which no benefit is derived by us. A bill to that effect was introduced into the last legislature, but was killed in committee through the influence of the lobby ooking after the interests of the county high schools of the state. Must such an unfair condition so on interminably or is there hope of such injustices being righted after a while? Of course the matter might be alleviated in a measure were the district made larger through the addition of outlying territory, but the high taxes precludes this as a voluntary proposition, and there is at present no other way. What would you do in such a case?

J. L. PAPES.

Perhaps this is the most glaring case of unjust taxation in the state but it is not the only one. Here are a people who are compelled either to endure double taxation or go without the privilege of a high school. Not only that but the members of the last and of previous legislatures knew of this injustice and refused to rectify it because of the selfish insistence of a few persons who were not this injustice and refused to rectify it because of the selfish insistence of a few persons who were not willing that their own high schools should be deprived of a little tax money to which they were clearly not entitled. I suppose there is nothing for the people of Mulvane and other localities similarly situated to do but to wait until the next legislature and push the case. I believe that if the matter could be fairly brought before the entire legislative body a majority of the members would be willing to do the right thing.

#### Notes on Taxation

Rediter The Farmers Mail and Breeze—While the theory that a man should pay taxes only on what he owns undoubtedly is correct there seems to be no way yet devised that is practical. Untaxed government bonds bearing \$ per cent interest are a little above par. Money is therefore worth about \$ per cent above taxes and the reason we cannot get cheaper money appears to be because we have to pay both the taxes and interest on it.

Let us illustrate. If my brother and I have \$1,000 each, and we buy a piece of land, we pay taxes on the \$2,000, but if I borrow his \$1,000 and buy the land then I must pay taxes on all the land and he on his money also. If I don't pay it for him he will invest his money where it will not be taxed. This makes me pay taxes on three times what I am worth.

We have the same trouble here in Missouri. Our tax dodgers invest their money in Kansas mortages and thus get rid of the taxes. This raises your rate of interest so high that untaxed Missouri or eastern money, and it is invested in mortgages in other states where it is not taxed. This raises your rate of interest so high that untaxed Missouri or eastern money can afford to pay a liberal commission to agents, and still realize a good per cent on the money lent.

Now, if you tax all mortgages you will cause our money and eastern money to seek other markets or raise the rate high enough to pay the taxes on it. Your present law runs your home money out and if you tax the money from other states it will be run out, too. You will then be obliged to pay a rate of interest high enough to pay the taxes on the money above your present rates. Supply and demand rules the price of money just the same as it does agricultural products.

The Missourl legislature is considering a bill that seems to be preferable to your project of taxing mortgages. It proposes to relieve from taxation all mortgages bearing 5 per cent and under. This will make a home market for our money and should our own money not be sufficient for the demand the lack of supply can be met w

St. Joseph, Mo.

A perfectly equitable system of taxation never yet has been devised and probably never will be, for the reason that it is impossible to make men honest by law. The moment a law goes into effect designed to remedy the existing inequality, that moment the tax dodger begins to figure on some scheme to beat the new law. And it may be said that he generally finds a way.

Take the proposed Missouri law: It will be satisfactory to such money lenders as are satisfied with 5 per cent net in the way of interest, but it will not satisfy the money lender who is not satisfied unless he can net 6, 7 or 8 per cent on his loans. And he probably will figure out some way to get around such a law.

to get around such a law.

Here is one way in which the taxation of mortgages has been avoided in this state: The money lender forms a corporation. The corporation is taxed on its capital stock but not on the money supposed to be placed with it for investment. In this way it might lend hundreds of thousands of dollars and only pay taxes on a comparatively small capital stock.

The proposed Missouri law looks good on it for

stock.

The proposed Missouri law looks good on its face, but I am not at all certain that it would greatly improve conditions when put into operation. If all the states could be induced to pass uniform mortgage recording taxes, providing that each mortgage shall be taxed where it is recorded and nowhere else, and that no mortgage is valid or collectable unless recorded and the tax paid, I think it would come as near solving the difficulty as any plan that can be suggested, but so long as there is no such agreement mortgages will be shifted back and forth in order to escape taxation. forth in order to escape taxation.

#### A Druggist's Complaint

Editor The Farmers Mail and Breeze—The manufacturing druggists are caught as the negro said, who set the coon trap, to catch them, "both gwine and comin"." They have to pay a 20 per cent tariff on their raw materials, some of which have advanced 700 per cent; and some necessary articles cannot be bought at any price. They pay a 700 per cent tax on alcohol, also pay income, corporation, state, municipal and documentary revenue stamp taxes. In addition to all this the Emergency Revenue Act steps in and takes 50 per cent of their net income—a. "War Tax" of 5 per cent on their business whether they make any money or not.

Uncle Sam says, "Do unto others as you would be done by, but do it unto them first." So he

collects his part in advance. If the business of the manufacturing druggists is crippled by the government, revenues will be reduced more by the loss of revenue from alcohol than is gained by Schedule "B."

Schedule "B."

If anyone will kindly put a bill through Congress, taxing the Congressman's salary 50 per cent, and include all salaries from the President's down, and all net incomes from all industries including income taxes, then we will all be in the same boat.

"You cannot do injustice to any one class permanently without injuring the comfort of the entire boat's company."

Vote against "Schedule B."
Thank you!

A. W. THEMANSON.

Omaha, Neb.

#### The Civil War Debt

Editor The Farmers Mail and Breeze—Will you inform me whether the war debt contracted during the Civil War has been paid, and if it has not, how much is it?

RUBY KNIFFIN. Powhattan, Kan.

The war debt of the United States, contracted during the Civil War has not all been paid. The total amount of interest-bearing debt at the present time is \$968,825,550. The total amount of non-interest-bearing debt which includes the greenbacks, is \$380.383.070 \$369,353,079.

#### Chickens

Editor The Farmers Mail and Breeze—Have I a right to trap or catch chickens which are constantly on my premises? I had about % of an acre of sweet corn. I have two neighbors whose chickens are constantly on this ground feeding on this corn. Am I liable for the chickens which I have in my possession?

SUBSCRIBER.

SUBSCRIBER. The chickens are trespassers and you have a right to drive them off your premises, shut them up or even to slaughter them. In addition you have a right to recover damages for the value of your corn eaten by the trespassing fowls.

#### Truthful James

"Yes, sir," remarked Truthful, "western Kansas probably is the healthiest country on the face of the globe. There was the case of old Bill Slivers. Bill used to live in Missouri down on the Missouri bottoms. He lived there till he had a chronic case Bill used to live in Missouri down on the Missouri bottoms. He lived there till he had a chronic case of the ague. He had chilled so much that he shook all his teeth out of his head. He also had the lumbago, rheumatism, enlarged liver and disease of the kidneys. One lung was gone and the other missing fire more than half the time. Among his minor ailments were asthma, bronchitis, varicose veins, catarrh and two different brands of eczema. "When he was 60 he got to the point where all the doctors agreed that he couldn't last over three months at the outside and might not last more than two weeks. He decided to try western Kansas. "That was 45 years ago. Bill located out among the buffalo and jackrabbits. In six months he was well of the ague, hadn't a touch of the lumbago and was starting a new set of teeth. In a year his liver was perfectly sound, his kidneys were in perfect condition and he had grown a new lung in place of the, one that was gone.

"After he had been out in western Kansas 15 years he went back to his old home. He was 75 then but he beat the champion foot racer of the county in a hundred yard dash and whipped the bully of the county seat for making a slighting

county in a hundred yard dash and whipped the bully of the county seat for making a slighting remark about Kansas.

remark about Kansas.

"He stayed around the old home place for six months and began to feel languid and out of sorts and determined to get back to Kansas. He took a homestead out in Greeley county and lived mostly on jackrabbit meat.

"When he was 80 he could stand and jump 15 foot and take a green old steer by the fail and

feet and take a 2-year-old steer by the tail and swing the animal around his head. In 1900 when he was 90 years old he decided he had lived long

he was 90 years old he decided he had lived long enough and concluded that he would go back to Missouri and die—said he was satisfied that he never would die if he stayed in western Kansas.

"Sure enough, he hadn't much more than got back to Missouri till he began to fail. He said he had one request to make and that was that his relatives wouldn't bury him in Missouri. He wanted them to ship his body back to western Kansas and bury it there. it there.

"After the funeral sermon had been preached they put Bill's body in a box and started West with it to bury it out in Greeley county. Just as the train pulled out of Scott City old Bill came to, kicked the lid off the coffin, smashed the door of the baggage car and jumped out on the platform. He said that seeing he had come back to life, he would stick around a few years more.

"When he was 100 years old he sort of got the

would stick around a rew years more.

"When he was 100 years old he sort of got the blues again and decided he would try dying once more. He went back to Missouri again and failed right away. Just as he was about to give his last wheeze he said in a feeble voice that he guessed it would be safe to bury him in western Kansas this time and so they shipped his body out again.

it would be safe to bury him in western Kansas this time and so they shipped his body out again.

"That time they buried him all right but the next day the man who dug the grave went out to see if the coyotes were bothering round the burying ground and the first thing he saw was old Bill sitting on a tombstone. He said that he had come to in the coffin and got so blamed lone-some he couldn't stand it any longer and so he dug out and was waiting for somebody to bring him a pair of shoes and stockings. They had buried him in his bare feet.

"Bill says that he has given up dving in the regular

"Bill says that he has given up dying in the regular way out in western Kansas but thinks maybe there will come another dry year and he will dry up and blow away."

**59000** 

# Farm Bureau Wins

# P. H. Ross of Leavenworth, the First Kansas Agent, Has Been Especially Successful

By F. B. NICHOLS, Field Editor

THE COUNTY farm bureau idea in Kansas has wen. It is now an assured success, with a brilliant record of achievement behind it, for it is taking a big part in the progress toward a better agriculture. That is why the Leavenworth County Farm bureau is es-Leavenworth County Farm bureau is especially interesting at this time, for it was in this county that the movement was started. P. H. Ross, the county agent, went there August 1, 1912, at a time when the county farm bureau idea was under a storm of criticism, and when a great many men believed it would fail.

That it has not failed was well indicated by the remarkable fall festival at Leavenworth. It also is shown by the fact that there are 263 members in the bureau now, while there were but 56 when Mr. Ross went to the county. In this same time the acreage of alfalfa has been increased from 2.340 to more than 8,000 acres, while the number of silos has been increased from 100 to 231. Smut and Hessian fly damage have been almost eliminated from the wheat; practically no one sowed wheat before October I last fall, which usually is late the fly by late planting so he would tant than all of this, however, is the fact that excellent work has been done campaign of next year. In 1913 about among the young people of the county. More than 100 members are enrolled in the contests. The canning clubs have been especially efficient.

The record made by Mr. Ross is very interesting. It shows that a county agent is a busy person. For example, this year until the middle of October he had visited 376 farmers, and answered 552 letters. He answered 561 calls personally, and 284 by telephone. In this time he held 62 meetings, at which there was an attendance of 2,201. In this work he covered 4,243 miles. It is probable that the mileage will be increased materially in the wart year. creased materially in the next year, as he has a new motor car, purchased by the farm bureau, which will allow him to make much greater speed on his

Every effort has been made to encourage a permanent and substantial type of agriculture, and so special attention has been given to alfalfa. That it has been effective work is well indicated by the remarkable increase in the acreage. The soils in Leavenworth county are well adapted to alfalfa, and as a rule there is not a great deal of trouble in getting a stand if the land is prepared properly—it has been especially easy in the last two years. Perhaps the most successful method of getting a stand is to ploy the soil deeply in the fall or winter, and then plant the field to oats, which is cut for hay. The soil then is disked promptly, and worked after every rain until seeding time. As a rule this produces a firm seedbed, with plenty of produces a firm seedbed, with plenty of ties that are making a good showing, moisture and available plant food, so and have, on the average, exceeded the the crop can make a prompt start, and yield of Harvest Queen by a small marget well established so it can live gin. through the winter.

Especially extensive work has been



The Junction School, Near Lowemont, Which Has Done Especially Good Work in Canning in Competition with the Other Leavenworth County Clubs.

success which Mr. Ross has had with this work is a fine indication of the record which can be made by a county agent who stays with his county long enough so he really gets the work or-ganized. When he went there, in the ganized. When he went there, in the fall of 1912, he first got all of the local data he could find on the farmers who had been successful in the control of campaign of next year. In 1913 about 85 per cent of the farmers sowed their wheat after October 1, and in 1914 this had been increased to 99 per cent. There was a very little loss from the fly in the crop last summer but this was caused mostly by the extra fall brood, which usually does not arrive. Practically all the farmers sowed after October 1 this year.

Excellent results also were obtained on the wheat smat control work. There was considerable loss from this pest in was considerable loss from this pest in 1914, so a special campaign was put on to fight it. Mr. Ross was helped in this by E. C. Johnson, dean of extension in the Kansas State Agricultural college, who is a specialist in plant diseases, and who has done special work in fighting smut. As a result of the campaign enough formalin was sold to treat the seed for 10,000 acres, and the disease has been practically eliminated from the county. the county.

Extensive work also has been done on-the variety tests of wheat. In speak-ing of this recently, Mr. Ross said: "Each year since the organization of the Leavenworth County Farm bureau we have conducted a wheat variety test under farm conditions to determine the variety of wheat best adapted to the conditions here. It would seem that the Harvest Queen has made the best record for nearly 90 per cent of the farms of this county are raising wheat of that variety. Our variety tests show that it is one of the highest yielding wheats but there are two other varie-

"Last year, wheat variety tests were conducted on the farms of Gus Aaron, done with wheat. A feature of this has been the success with the Hessian fly work—there was very little injury from this pest last year, at a time when Kansas had a big Hessian fly loss. The three farms of Gus Aaron, John Greever. The two highest yielding wheats in each case were Harvest Queen and Currell, both being varieties of soft wheat. On the three farms in 1914, the Harvest Queen

averaged 24.4 bushels to the acre, while Currell averaged 30 bushels. In 1915 we had but one test, which was on John Hund's farm. The Harvest Queen yielded 14½ bushels to the acre and the Currell 13 bushels. Taking the average for the two years, the Harvest Queen yielded 24½ bushels, while the Currell yielded 26 bushels.

"Taking into consideration tests carried out in adjoining counties, Atchison and Brown, and including Leavenworth, in 1914, Harvest Queen averaged 28 bushels to the acre, while the Currell averaged 32 bushels. Taking the same counties this year, and including Miami also, the Currell averaged, for five tests, 18 46 bushels to the acre, while the 18.46 bushels to the acre, while the Harvest Queen made 18.5 bushels to the acre. From this, it can be seen that the Harvest queen is an excellent variety for this section of Kansas, and it shows also that Currell seems to be just a little better for the short time we have tested It.

"We tried Fulcaster wheat this year, which is a bearded soft winter variety. This was included in three tests and This was included in three tests and made an excellent showing, averaging 21.75 bushels to the acre, while in these same three counties the Currell made 20.94 bushels and the Harvest Queen 18.48 bushels. In the test on Mr. Hund's farm this year the Fulcaster was the highest yielder, averaging 16½ bushels.

"These tests have extended over too short a time to make any conclusive statements regarding them, but they undoubtedly show that these three va-rieties are among the best varieties for this section. Anyone having good Harvest Queen seed would do much better to plant it than to go outside the coun-ty for some unknown variety."

Careful work also has been done with corn. In the variety tests the Boone County White and the Calico also have done well. The acre averages on the farm of J. P. Hall for 10 varieties last year were:

Variety-

In the work with silos the aim has been to encourage the building of the ping them in any of the ordinary cat-more nearly permanent types, and the dips that contain cresol. If used wany of the 231 silos in the county are in proper strength, these agents will more nearly permanent types, and many of the 231 silos in the county are of substantial construction. There is a great interest in silos in the county, and

great interest in silos in the county, and it is probable that there will be a considerable increase in the next few years. A remarkable success has been obtained with the club work with the boys and girls—especially is this true with the canning clubs. The feature of the fall festival at Leavenworth in October was the demonstration which October was the demonstration which was given by Mr. Ross and the pupils from the Junction school near Lowe-

Mr. Ross has obtained loyal help from the farmers of the bureau in his work —especially is that true of Gus Aaron, president, and John Gable, secretary.

#### Local Tax Levies the Cause

A Blaine township farmer, who owns and pays taxes on four quarter sections of land, situated in different school districts, was in to pay his taxes one day last week and found they were about \$20 a quarter higher this year than last year, or in actual figures, that on the four quarters he had to pay \$75.37 more taxes this year than last. He did not know just where the increase came in, so he asked a friend to figure it out for him, from the levies, and find just where the extra taxes came in. The friend took the levies and figured out the amount of taxes the man has to pay and where the increase comes in and found the following: That the man pays \$1.61 more taxes to the state of Kansas this year than last; that he pays \$30.75 this year than last; that he pays \$30.75 more taxes to Clay county this year than last; that he pays \$26.83 more country school taxes this year than last; that he pays \$16.18 more to Blaine township in taxes this year than last. Adding those four sums together, \$1.62, \$30.75, \$26.83 and \$16.18 makes \$75.37 more taxes that he had to pay this year than last, an average of about \$20 more than last, an average of about \$20 more per quarter this year than last. Of course these figures will not hold good for the entire county. They will hold proportionately good for the state and county tax, but for the school and township taxe, that will not for some school. ship taxes they will not, for some school districts levied more taxes this year than last and some less, which is also good for the townships. The principal thing of interest connected with this is that the greatest amount of increase in taxes comes in at home, school, township and county taxes being higher and the state but slightly higher. The fig-ures are printed just for the interest attached to them and for no other purpose.-Clay Center Times.

#### Away With Loan Sharks

The Kansas laws in regard to abnormal interest charges are strict. They are made with the idea of eliminating the opportunity for men who make their living from troubles of their fellows. Two suits to recover illegal interest were filed recently in Topeka; in telling of the law in regard to this offense, W. P. Montgomery, a special assistant to the at-

"The laws of Kansas provide that 10 per cent a year is the highest interest that can be charged on borrowed money. If a money lender contracts for a higher rate he forfeits all interest on the loan in excess of 10 per cent, and also a sum equal to the excess, to be subtracted from the principal of the loan. If the loan is made for a greater sum than the actual amount of the loan, the difference should be credited as interest. For instance, if \$25 is lent and the note is made for \$30, the \$5 difference is considered interest taken in advance. If the interest on the loan does not amount to that much-and it would have to run two years to draw \$5 interest on a \$25 loan—the difference between the \$5 and the actual amount of interest legally allowed should be sub-tracted from the principal. The borrower also would have action in court to obtain twice the amount of excessive interest charged. If the note is transferred to some innocent person other than the original lender, the borrower must pay it, but he can recover twice the amount of the excessive interest from the money lender in court."

#### How to Kill the Lice

My cattle are troubled with large black lice. I should like to know of a remedy that will kill the lice and not take the hair off the cattle.

Crawford County, Kansas.

. Cattle may be freed from lice by dipnot cause the hair to come out.

Dr. R. R. Dykstra. Kansas State Agricultural College.

#### Why Do Men Wear Black?

The curate of a large and fashionable church was endeavoring to teach the significance of white to a Sunday school class: "Why," said he, "does a bride invariably desire to be clothed in white at her marriage?" As no one answered, he explained: "White," said he, "stands for joy, and the wedding day is the most joyous of a woman's life." A small boy queried: "Why do the men all wear black?"



H. S. Bullard of Tonganoxie and Mr. Ross; They are Making a the Seed Corn for Next Year.

# Meat Needs Good Care

### Save the Scraps at Butchering Time, for They Will be Useful Later

By Mrs. Lily Reed



A String of Growthy Young Chester Whites Belonging to William Bartlett,

HAVE always found it necessary to take an active part in the care of the meat from the time it leaves the poles. I help in cutting up the hogs and always do the trimming, as I know just where the objectionable chunks of fat are. If these are left on the meat they are worth very little, and are really detrimental to the sale of the cured bacon, but they make excellent lard. Careful trimming gives us neat round hams and shoulders and more lard. As I trim the meat the lean goes into one tub for sausage and the fat into another for lard. into another for lard.

I like to have the men grind the I like to have the men grind the sausage the same day the hogs are killed; I use three parts lean to one of fat, mixing the meat as I cut it for grinding. The meat is weighed and as it comes from the grinder seasoning is added. We use 3/4 pound of salt, 3 ounces of ground black pepper, 1 ounce of red pepper, 1/2 ounce of sage, 6 ounces of sugar and 1 teaspoonful of saltpeter. Mix well and add to 50 pounds of ground meat.

After grinding the meat is left over night, and then it is packed in 1-gallon stone jars to within one inch of the top. These are filled with melted lard, tied down with heavy paper and set in a cool place. They will keep nicely as late as March. The sausage desired for summer use is made in small cakes, fried a light brown and packed in common glass fruit jars. These are covered with the lard in which it was fried, and are sealed and set aside. They will keep indefinitely. The heads are cleaned and soaked overnight in salt water, and in the morning they are boiled until very tender, and are lifted up to cool. Then let the water in which they were boiled get cold. The grease then is removed and a part of the liquor is put in a vessel to boil, to make scrapple, a dish our family likes very well. When the bones are removed from the heads and the meat is chopped and seasoned, one part of it is put in a vessel and a weight After grinding the meat is left over

the meat is chopped and seasoned, one part of it is put in a vessel and a weight is put on it. This is for the head cheese. The other part is used in the scrapple, which is made by first thickening the liquor in which the meat was boiled to a very stiff mush with corn meal. After boiling 20 minutes the meat is stirred in well and it is turned into a bowl to get cold. Serve either into a bowl to get cold. Serve either sliced plain or fry to a nice brown.

sliced plain or fry to a nice brown.

The feet are cleaned, soaked overnight and boiled until tender when they may be served plain or dropped into vinegar either spiced or plain. Spare ribs are cut in short lengths, dropped into boiling fat, cooked to a nice brown and packed in stone jars and covered with melted lard, tied down with heavy paper and set in a cool place. To prepare for the table place in a roasting pan, surround with sweet potatoes and in, surround with sweet potatoes and brown in the oven.

Backbones not wanted for immediate use are placed in the oven, baked slowly for two or three hours, packed in jars and covered with lard. They are pre-pared for the table in the same way as

ribs. They will keep in the winter.

As the fat is removed it goes to three piles, the fat from the intestines in one, the chunks of fat meat and skinny pieces in another and the leaf lard in the third; these are cooked separately and put in different vessels. The reasons are that the first named usually has a strong odor, although this may be removed by using soda in the cook-

ing. The lard from the leaf fat is nice to use in pastry cooking, and brings a high price when sold. All lard is cut in small pieces before cooking. This cooking is done in wash kettles out in the yard when the weather will permit. First place about 1 gallon of water in each kettle and add 2 or 3 tablespoons of baking soda. The lard is put in and started with a slow fire; if we would have nice lard are water to the it. have nice lard we must stay by it while cooking and stir every few minutes, being sure that no pieces stick to the bottom of the kettle and burn.

When the cracklings are brown and rise to the top it is time to draw the fire away from the kettles. I then dip the cracklings off into a colander placed over a jar and leave them to drain. After the lard has cooled one hour it may be strained into jars or cans, but these should always be set in a large pan or other vessel so that should one crack or leak there will be no waste. If jars are used it is a good plan to place a broom stick or other clean stick in the center until the lard is cold as this will tend to prevent the jar breaking as they are retired to prevent the jar breaking as they are retired to prevent the jar breaking as they are retired to prevent the jar breaking as they are retired to prevent the jar breaking as they are retired to prevent the jar breaking as they are retired to prevent the same times do in severe cells weather. In sometimes do in severe cold weather. In lard making it is well to remember that under-cooking will often result in lard having a strong, rancid smell and over cooking will cause the lard to be brown. Lard which has been scorched may be Lard which has been scorched may be helped by recooking and adding water which contains a cup of soda. Cook slowly and skim off the brown scum which rises to the top. Of course the cooking must be continued until the water has boiled away.

We save the livers not wanted for table use for the hens. The livers are boiled, a seasoning of salt and red pepper is given, and when tender they are thickened with cornmeal and set away. The hens certainly relish their morning

The hens certainly relish their morning feed with a generous portion of the boiled hash added.

#### Brine Cure for Pork

As soon as the hog carcass has been As soon as the hog carcass has been properly chilled and cut up, it is ready for curing. Rub each peice with salt, sprinkle a layer of salt in the bottom of a good, tight barrel, and over each layer of meat as it is packed in tightly. When the barrel is full, cover the meat with a board and weight it down with a stone so that none of the pieces can float with any part of the surface exposed to the air where it is likely to mould.

Make the brine by dissolving 8 pounds of salt and 2 pounds of sugar in 4 gallons of hot water. This will treat 100 pounds of meat, and should be poured down the side of the barrel until the meat is thoroughly covered. Four or five days after the brine is put on, the meat should be repacked in another barrel in reverse order so that the pieces which were at the bottom will be on top in the second barrel. Brine should be poured on as before, and the transfer to another barrel repeated in about five days, and this time it should be allowed to remain in the brine about 1½ days for each pound contained in the larger pieces of meat in the barrel, that is, a 15 pound piece of meat should stay in the brine about 22½ days. It then should be washed in warm water and hung up for smoking just as in the case of dry-cured meat. It should be case of dry-cured meat. It should be smoked with hickory, oak, apple or any other wood except that belonging to

other wood except that belonging to
the pine family until it suits the taste
of the user. About 25 smudges make
a good, mild smoke.

Many persons prefer not to use saltpetre or borax, and they should be
used in small quantities if at all, for
both tend to harden the lean meat, and
saltrative gives it a bright rad color. Not saltpetre gives it a bright red color. Not more than 1 ounce should be used with cach pound of salt. Borax helps to keep of the skippers, but this may be done of the American Poland China Record off the skippers, but this may be done by proper sacking. If used, it should be sprinkled lightly over the lean surface at the beginning of the curing or details of the just after smoking, but not more than be specially a tablespoonful should be used for a Chia hogs.

Plain sirup, sorghum, or honey may be rubbed on the meat after either the

#### Sugar Curing of Meat

Will you publish a recipe for sugar curing meat?

Salina, Kan.

H. R.

There are many recipes for curing meat that have been used with success. There is no "best" way, for it is largely a matter of taste and judgment. The following recipe, recommended by H. J. Westers is femous throughout Kenses Waters, is famous throughout Kansas and elsewhere, and is one of the very best that has been used.

For 1000 pounds of meat use the following compound: Forty pounds of common salt, 10 pounds of New Orleans sugar, 4 pounds black pepper, 1½ pounds saltpetre, ½ pound cayenne pepper. Weigh the meat and use such part of the compound as that weight is a part of 1,000. Allow the meat to cool thoroughly, and after the ingredients have half of the been properly mixed use amount for rubbing into the meat. Place the meat in a dry, cool place, but never in a cellar. Allow it to remain for two weeks and then rub on the remainder

of the cure and let it lie for six weeks.

of the cure and let it lie for six weeks, when it is ready to smoke.

The brine cure requires exactly the same materials as the dry cure with the exception of the pepper. When the meat is properly cooled it is rubbed with salt and allowed to drain overnight. It is then packed in a clean barrel, with the heavier pieces like hams and shoulders, at the bottom. For every 100 pounds of meat use 8 pounds of salt, 2 pounds of brown sugar and 2 ounces of saltpetre. Dissolve these in 4 gallons of water and cover the meat gallons of water and cover the meat with the solution. The thin sides of meat should remain in this solution from four to six weeks and the hams six to eight weeks. After the meat has been thoroughly cured and dried it may be smoked as in the case of the "dry cure." It is well to test the meat, becure." fore hanging it, to see that it has taken salt and is curing properly.

#### Livestock and the Future

The annual meeting of the Kansas Improved Stock Breeders' association will be held in Topeka, January 10, 11 and 12. The program covers a wide range of subjects closely related to the breeding of purebred livestock.

Dr. B. W. Murphy of the Federal Bureau of Animal Industry, who is helping

reau of Animal Industry, who is helping to clean up hog cholera in Marshall county, will give an illustrated lecture on the making of hog cholera serum and the methods followed in cleaning and disinfecting cholera premises. H. B. disinfecting cholera premises. H. B. Walter of Effingham will discuss the developing of a utility type of hog. H. J. Cottle of Topeka, who has successfully fitted 16 herds of hogs for the show ring, will tell how he does it.

association, will be on the program the afternoon of January 11, to explain the details of this show. This feature should be specially noted by breeders of Poland

The breeding up the dairy herd will be discussed by C. F. Goldsmith, who now has charge of the herd at the state dry salt or brine cure has been completed, and pepper may be added if desired. After it is carefully sacked, so the flies cannot possibly get in, it should be hung in a dry, airy place until for purebred beef cattle will occupy one session. Professor W. A. Cochel of the Kansas State Agricultural college will tell of the new experiment in beef cattle breeding just started—an experiment that will continue for 20 years. An address on the selling end of the purebred stock business will be given by Fred G. Laptad of Lawrence. C. E. Wood, Clarence Lacey and other sheep breed-ers will tell how to succeed in the breed-

ing of sheep.

There will be one session of a general There will be one session of a general nature, one of the features of which will be an address by Otis E. Hall of the extension division of the Kansas State Agricultural college, on the boys' and girls' club work of the state. P. H. Ross, county agricultural agent of Leavenworth-county, will tell of his work for livestock improvement in that county.

#### Tractor Shows in 1916

The manufacturers will have charge of the tractor shows of the United States in 1916. This includes the Kansas demonstration, held last July by the Kansas State Agricultural college, the Kansas Farmer and the Farmers Mail and Breeze at Hutchinson; the Oklahoma demonstra-tion, held by the Oklahoma A. and M. college and the Oklahoma Farmer-Stockman at Enid; and the Nebraska demonstration, held by the Twentieth Century Farmer at Fremont. The rules for the Kansas demonstration were drawn up by the engineering department of the Kansas State Agricultural college, and it was conducted as an educational exhibit to bring out the real facts of tractor farming as applied to Kansas conditions.

Manufacturers believe that the business of making tractors has grown to such an extent that educational demonstrations in charge of the agricultural colleges and the farm papers no longer are needed. They therefore have been relieved of all responsibility in the mat-The Farmers Mail and Breeze will continue, of course, to tell of the important developments in the business, and to bring out the truth concerning tractors, as applied to Kansas conditions.



Excellent Hams and Bacon Can Be Produced on Every Kansas Farm, at a Low Cost When Compared With Store Prices.

# Well Bred Kafirs Are Best And the experiences of this hero, being the actual experiences of a live, flesh-and-blood person in the conditions of

#### There is Considerable Immature Seed in Cowley County

BY W. H. COLE

was green when the light flost of early fall caught it. While it is almost as large as the mature seed it lacks the weight that the ripe grain has. We have not heard what the buyers are offering for such grain but quite likely they are compelled to reduce its price

they are compelled to reduce its price because of the lack of quality and color. Kafir on this farm suffered from this early frost to a considerable extent, but on the hills and slopes the damage was slight. We will have to go to the hill farms for our kafir and cane seed next spring. This is something we are not in the habit of doing for it has long been our notion that for it has long been our notion that we could select better kafir seed from our own field while it was yet standing than we could get in buying it after it

was threshed.

We have heard some of the hog feedwe have heard some of the hog feeders say that they believed this immatured kafir would make good pig feed without grinding but we believe a trial will convince them differently. If the grain was all immature it would be comparatively easy for the pigs to crack it but being mixed, as all of it is with mature grains which are as is, with mature grains, which are as hard and flinty as kafir is any year, we think they will find it more profitable to grind it. Kafir is at its best, we think, only when it is ground, unless one is feeding it to chickens. On this farm a 4-horsepower gasoline engine and a grinder are used to convert the whole

grain into an excellent feed.

White kafir seems to be the favorite Red variety any time. It is earlier in maturing than the White and would be better on that account for late planting.

It was thought here, a year or so ago, that the African kafir was just what was wanted in the kafir line. It was said to be somewhat earlier in maturing than our native kafir and the stories of the immense yields it made

AFIR threshing is about finished here for this season. The yield has been disappointing on some fields and surprisingly large on others. Some fields that were expected to produce a good yield failed to do so on account of so much immatured seed. This seed was green when the light frost of early fall caught it. While it is almost as large as the mature seed it lacks the corn are some of the other reasons why the farmers are marketing their corn on the cob instead of on the hoot. A large portion of this corn that is being marketed was grown under condi-

tions which most farmers hope will not be repeated for many years and while many acres was grown with but one many acres was grown with but one cultivation, and some without any, it is nevertheless a kind of farming that the tidy farmer of the present day dislikes very much. Much of the corn here is put in with the lister, and when it gets but one cultivation the ground is left in a very unsatisfactory condition for but one cultivation the ground is left in a very unsatisfactory condition for husking, and for the next year's crop, not to say anything about the weeds one has to contend with in husking, which are anything but pleasant. There will be a large acreage of corn here next year. There are two reasons for this. In the first place many men who have followed farming for many years believe they can see signs that

years believe they can see signs that indicate that our old time corn years are returning. Whether their signs will

White kafir seems to be the favorite here although some farmers still put out a small patch of the Red variety every year. The Red kafir seems to have had anything to do with it, as every year. The Red kafir seems to have the virtue of being so hard that the birds will not bother it much, and it is a good crop to have along the used can accomplish. With an occashedge. It is a poor crop to have along the wheat field if there are any chinch bugs as they are very fond of it and will leave the White kafir to feed on the Red variety any time. It is earlier in munity might well be proud regardless public improvement of which any com-munity might well be proud regardless of their cost.

#### Romance Not Dead

Romance is everywhere about us, in every walk and circumstance of life. Whether we see it and live it ourselves

cories for a start of the seed but now after a two-year trial of it most farmers are of the opinion that our own Black Hulled kafir, which we can get from the agricultural college is superior both in quality and quantity of grain as well as in being as early in maturing.

Corn is being marketed in large quantities here and the price at the local control of the things of the farm for all of us.

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Corn is being marketed in large quantities here and the price at the local control of the farm for all of us.

Corn is determination and determination and industry, throw a new glamor about the things of the farm for all of us.

Corn is being marketed in large quantities here and solved, price at the subject of a charming and industry.

Corn is being marketed in large quantities here and solved, price and solved, price at the subject of a charming and industry.

Corn is being a

There Was Considerable Late Planting of the Sorghums in Cowley County Last Spring, and Not all of the Seed Matured.

life with which we are all more or less familiar, have an intense, practical value for us, as well as a romantic charm. We know that we can do what he did with his life—and his farm—and we want to try so soon as we read this book, which tells us just what to do and how to do it. The book can be obtained from the Farmers' Mutual Publish lishing Company, of Albion, Mich., upon request. The title is "Upside-Down-Farm."

#### "Speeding up" a Farm

The size of a farm business is not necessarily measured or limited by the number of acres in a farm. A man engaged in farm-survey work reports the case of a Wisconsin farmer, so situated as to make it impossible for him to buy or rent more land, who solved the problem of small acreage by "speeding np" the 80 acres that he had.

This farmer's first move was to dispose of his scrub cows and to raplace The size of a farm business is not

pose of his scrub cows and to replace them with grades and purebreds; next, without great expense, he improved the sanitary condition of his barns. He established a cropping system based on corn and alfalfa, choosing the latter rather than clover because on his farm it-produces at least 50 per cent more feed an acre than clover, and is much more dependable.

Pastures have now entirely disappeared from this farm, because its owner has demonstrated that 1 acre of corn to disclose but they are going to show their faith by putting out a large crop. The other reason is that there was not so large an acreage of wheat sown last fall as usual and the fields that would have been sown to wheat, had the fall been favorable, will now be planted to corn.

This week's work will finish the road fixing of this community for this season unless some unexpected washouts occur. The work has been done in such a thorough manner as to make all who have had anything to do a large or has demonstrated that 1 acre of corn and 1 acre of alfalfa together supply more feed than 5 acres of pasture. His improved well-fed herd, housed in a clean, well-lighted, and thoroughly ventilated barn, is yielding him more than double the milk he formerly got from his scrub herd. Furthermore, the quality of the milk has improved, and he demands and gets the price of a first-class article.

The largely increased net income which this farmer now receives from the sale of milks.

based on the comparatively small changes in his type of farming, which have augmented his business without entailing any increase in the size of his

A comparison of this farm with other dairy farms recently studied, indicates that the example of this Wisconsin man might well be followed, in general, by any dairy farmer who lives where dairy products are high priced and who has a lowgrade herd, provided he has sufficient knowledge of cattle to give high-class dairy cows the care they demand.

#### College Closes its Sessions

The Finlay Engineering college closed its sessions December 23 for the holi-

D. D. Neville were especially well re-

#### A Farm Agent for Cherokee?

The members of the Cherokee county farm bureau are making a campaign to increase its membership so an agent may be hired. The bureau was organized last spring and now has 100 mem-bers. It has been decided to increase the membership to 250, charging each member \$2 a year to raise \$500 toward a supervisor's salary. Meetings are being held and the bureau anticipates no difficulty in getting 150 new members before spring.

I have taken the Farmers Mail and Breeze for nine years, and I think it is the best farm paper published. J. T. McClure.

R. 1, Hugoton, Kan.



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### Make It a Happy New Year

#### Join the Capper Pig Club and Have Cash Next Fall

BY JOHN F. CASE,

tions and made application for a loan can do it: When you receive my let-ter telling you that your recommenda-tions have been approved and enclosing the note and contract, read the letter carefully. Then read it again. And when your purchase is made follow the

when your purchase is made follow the instructions implicitly.

Send the bill of sale, note and a sight draft for the amount paid for your sow direct to me. Don't hold the note and bill of sale, waiting to see if the banker gets the money. And don't have the draft sent through a bank, sending the note under separate cover to me. note under separate cover to me.

Remember, boys, if you were to begin work in an office today and failed to obey instructions trouble

would result. It's just as important that you do busi-ness in a businesslike manner on the farm. There has been some delay, some needless expense and some unnecessary trou-ble for the con-test manager be-cause club members are careless. Let's start the new year right.

Every mail, these days, brings bills of sale and letters from boys who are pleased with the sow they bought. Duroc-Jerseys lead in numbers but the Poland China breed is only three behind and coming

behind and coming strong. Only three boys have purchased Chester White sows, and only two have bought Hampshires. Only one boy has preferred the curly-tailed, snub-nosed Berkshire but Gilbert Arthur, our Coffey county representative who bought this sow, feels sure that he has something good. Gilbert paid \$40 for his contest entry. Doubtless he will have company, for the Berkshire breed, although not so popular in Kansas as some others, has real merit. As only about half the boys have bought sows there is plenty of time for the Berks, Hamps, and Chesters to make a showing. But the boys who have bought Duroes and Polands do not expect to be disappointed.

Gilbert Arthur and Queen.

Gilbert Arthur and Queen.

Gilbert Arthur and Queen.

Gilbert Arthur and Queen.

The last cutting of alfalfa hay salfalfa pasturage.

Hartford, Kan.

Colt Does Not Do Well

I have a yearling colt that I turned out on pasture last spring in good flesh. She seemed to grow bone and size, but failed in flesh until now she is only skin and bone. Her teeth are spoul, her eyes are bright, she eats well, and has fairly good life, but seems weak and clumsy. There is no discharge from her nose, and she breathes all right.

We awaret to print next week a list.

Greenwood County, Kansas.

disappointed.

We expect to print, next week, a list of counties that have no approved representatives. This will include not only those from whom no applications have

W OULDN'T you like to make it a sentatives so we can "talk hog" instead happy new year for the contest of talking entry and rules. Why not manager, friend club member? Sure, send in your name and become a club you would. This is the way you boys member? Even if your county has an who have filed approved recommendation official representative membership in the club will add to your interest in the contest. And if you enter and fail to be chosen as county representative you can "root"—that's an expressive phrase for a pig contest-for the home boy who is chosen. Sign the coupon and send it

how they are getting along. Here's a letter from Gilbert Arthur who represents Coffey county. Gilbert is 12 years old. He wins the Delta electric lantern offered for the best letter about "Winter Care of Swine."

"This is the way we care for hogs at our farm in winter: First, we give them good shelter in a shed on the south side of the barn with plenty of clean bedding. This bed, which is made of straw or hay, is taken up every few days and clean material supplied. Corn is fed night and morning, three ears being given each hog. At noon, white shorts and hear county parts. bran, equal parts and made into a slop is fed. Also our hogs drink warm milk from the separator night the separator night and morning and are provided plen-ty of clean water.



I have a yearling colt that I turned out on pasture last spring in good flesh. She did well enough until July, and then she began to lose flesh. She seemed to grow bone and size, but failed in flesh until now she is only skin and bone. Her teeth are good, her eyes are bright, she eats well, and has fairly good life, but seems weak and clumsy. There is no discharge from her nose, and she breathes all right.

C. L. B.

Greenwood County, Kansas.

We expect to print, next week, a list of counties that have no approved representatives. This will include not only those from whom no applications have been received but every county where a boy has not filed approved recommendations will be given. While the time limit for entry in the contest does not expire until February 15, I am eager to secure a complete list of county representations. Greenwood County, Kansas.

I cannot tell you what causes the malnutrition of your colt. Conditions that may cause it are: A serious infestation with the palisade worm, swamp fever, chronic indigestion. I suspect that the palisade worm is accountable. It may be treated by the internal administration of an ounce of turpentine mixed with a pint of raw linseed oil.

This medicine is to be given once a week one-half hour before the morning's feed. It should be kept up for three or four weeks. In addition give 1 ounce of Fowler's solution of arsenic, daily

in the feed or water.

Dr. R. R. Dykstra.

Kansas State Agricultural College.

#### Removing a Wart

I have a 2-year-old colt that has a wart. I presume it is what they call the red wart, on the hind ankle. It has been there about four or five months, lately the ankle has been swollen. What would you suggest to do for this?

Kearny County, Kansas.

The hair around the base of the wart should be clipped as short as possible, then washed thoroughly with soap and water and some antiseptic wash. After in today.

Interesting news about the club members and their work will be published skin surrounding the base of the wart, throughout the year. Club members have and finally carried under the wart, in promised to write frequently and tell me this way completely cutting it out. The how they are getting along. Here's a wound then is to be treated with some from Gilbert Arthur who represents the formation of a This will result in the formation of a hard scab over the wound in the course of 24 hours. If at any time the scab becomes loosened, the formaldehyde is to be reapplied.

Dr. R. R. Dykstra. Kansas State Agricultural College.

#### Community Welfare

"Community Welfare in Kansas" is the title of an exceedingly interesting and suggestive new bulletin issued by the Kansas State Agricultural college. Walter Burr, the author, is director of the department of rural service and is well known in many Kansas neighbor-hoods where he has helped awaken in-terest in community building. He says no community welfare work can be suc-cessful unless the people become inter-ested in definite projects. essful unless the people become interested in definite projects, and suggests many enterprises that may well be undertaken by the community as a whole. A suggested constitution for a community welfare club and a list of bulletins are lightly for those interested in available for those interested in com-munity work are among the valuable features of the pamphlet. "Community

Last year we spent one-fourth of the nation's income on the army and navy alone. We spent for war purposes, for pensions and for interest on war debt 478 millions, or about half of the nation's revenues. We now are proposing to double this expenditure for war before we have learned how it should be spent, whether actually we need to spend it at all, and where the immense sums we have been appropriating for this purpose annually—enough for any all. nually — enough for any military power's war chest — have gone. Any kind of preparedness without preparation is not preparedness at all. It is simply going it blind; it is speculation, a kind of gambling with fate.

Welfare in Kansas" may be had by writ-ing to the Division of College Extension, Kansas State Agricultural College, Manhattan, Kan.

#### About the Grain Crops

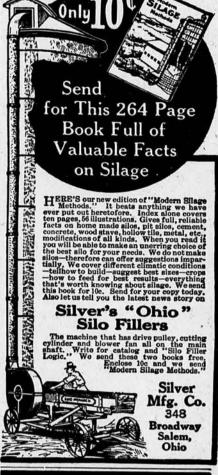
The area sown to winter wheat in the The area sown to winter wheat in the United States last fall was 11.3 per cent less than the revised estimated area sown in the fall of 1914, equivalent to a decrease of 4,756,000 acres, the indicated total area being 37,256,000 acres. The condition December 1 was 87.7 against 88.3 and 97.2 December 1, 1914 and 1913. respectively, and a 10-year average of

The area sown to rye this fall is 3 per cent less than the revised estimated area sown in the fall of 1914, equivalent to a decrease of 95,000 acres, the indicated total area being 3,058,000 acres. The condition December 1 was 91.5, against 93.6 and 95.3 December 1, 1914 and 1913, respectively, and a 10-year average of 93.3.

I cannot run my farm here in town to my satisfaction without the help of the Farmers Mail and Breeze. I am always forgetting something that I would not forget if I had the Farmers Mail and Breeze to call it to my attention.

W. C. Dolliver.

Washington, Kan.







Pulls
Three
Plows
Easily
Label Series and Se

Electric Wheel Co. Box 30A, Quincy, III.







# The Capper Pig Club

Arthur Capper, Eighth and Jackson St., Topeka, Kan.

I hereby make application for selection as the representative of

I will send recommendations as requested, I will read carefully the bulletin entitled "The Feeding and Growing of Swine" published by the Kansas State Agricultural college, will follow all instructions carefully and will keep an accurate record of the weight of the sow when received, the weight of the sow-and pigs when slaughtered, sold, or at the end of the contest, and the quantity of feed fed to the sow and her litter. I will do all the work myself as far as possible and will give complete direction as to how it is to be done at any time when I cannot do it myself. any time when I cannot do it myself.

| Signed     | ,                  |
|------------|--------------------|
| Approved   | Parent or Guardian |
| Postoffice |                    |

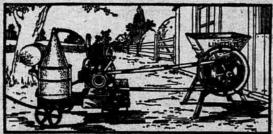
ti ci co Gi pe co thi pi in thi M st la si



Pick It Up and Walk Off
The Cushman is the lightest weight farm engine in the world.
It is an engine you can handle—that you can move around and put to work anywhere without preparing a permanent base.

It is no longer necessary to put up with old-style, back-breaking, heavy-weight engines, with their violent explosions and their fast and slow speeds—built from a design 30 years old. If you have one of them, better throw it in the junk heap and get a modern light-weight engine.

Six years ago the Cushman Motor Works designed a new type of engine for farm work. It was exceedingly light, weighing only about one-fifth as much per horse-power as most other farm en-gines, but so well built and accurately bal-anced and governed that it ran more stead-ily and quietly than a



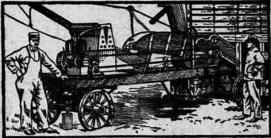
# **Cushman Light Weight Engines** 40 to 60 Pounds per Horse-Power

4 H. P. Weighs Only 190 lbs. 8 H. P. Weighs Only 320 lbs. 15 H. P. Weighs Only 780 lbs. 20 H. P. Weighs Only 1200 lbs.

Cushman Engines are equipped with Throttle Governor and Schebler Carburetor. The very sensitive Cushman Throttle Governor allows the engine to receive just enough fuel to take care of the load at that moment put on the engine. This results in a uniform speed and power that is impossible to secure in engines not carefully governed. The perfect balance of the Cushman also contributes to its steadiness, and this steady speed insures unusual durability and freedom from engine trouble.

The 4 H. P. is a wonderful little farm engine, because in addition to doing all the ording farm work, it is so light it may be attached to moving machines in the field, such as ain and corn binders, potto diggers, etc., driving the operating part of the machine and aving the horses nothing to do but pull the machine out of gear. It is thus an all-year engine.

The 8 H. P. is possibly the most useful all-around farm engine ever built. It may be used for such a wide range of work—from the smallest jobs to driving the ensilege cutter, wood saw, corn sheller, and even small threshers. It will do the little jobs just as a comments as a small engine, as it uses only enough fuel to do the actual work required. All 8 H. F. and larger Cushman Engines are double cylinder. Double cylinders mean steadier power.



CUSHMAN MOTOR WORKS

#### **Before Buying** ASK THESE QUESTIONS

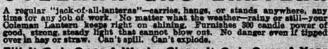
How Much Does it Weigh?

If it weighs more than sixty peunds per horse-power-why? The old-time argument was that heavy weight is necessary to keep it steady, but if an engine is properly balanced, it doesn't need pig iron to hold it down.

A throttle governor in-sures steady, quiet and economical power.

Has Ra Seed Carbureter?
The Cushman has the Schebler. The Schebler makers say most manufacturers of farm engine wont pay the price for a good carburetor.





Fill It Only Once A Week- Clean It Only Once A Yes No wicks to trim. No globe to wash. Nothing to clog-up or get out order. This lantern, solidly made of heavily nickeled brass, with mica globe is built to stand all the hard knocks of after dark work in the feed-lot, barrow stable, garage, cellars, chicken houses, sheds, camps, etc.

MAKES AND BURNS ITS OWN GAS. Costs only one-third of acent per light than 20 old-time oil lanterns. Weight only 3'2 pounds. Is guarantee for 5 years. Awarded gold medal at San Francisco Exposition.

Ask your dealer—or if not for sale in your town yet, write us for ca 20 different kinds of Gasoline Lanterns, Table Lamps, stc. Dealers or wanted in every locality.

The Coleman Lamp Co. 221 Ba. St. Francis, Wishita. Sc. 282 E. St. 1011 Samult St., Tabledo, O. 445, Chieses

## Laws You Ought to Know

#### How to Get a Sidetrack to Your Elevator

BY C. D. YETTER

delivered to the nearest railway agent, accompanied by a deposit of \$25 which is forfeited to the railway company if the person making the demand fails to build such elevator or coal shed.

The railroad company must place a written statement giving the location of the sidetrack, which it will agree to build, in the hands of its agent within 30 days after the demand is made, and the agent must deliver the statement to the person making the demand; but in place of such a statement the rallroad company may agree to grant a location on its right of way for such elevator or on its right of way for such elevator or coal shed in place of designating a place where sidetrack or switch will be built. When an agreement as to the use of such sidetrack or switch cannot be reached, or if the railroad company fail to designate the location, the public utilities commission is to determine the terms and conditions under which it is terms and conditions under which it is to be built and operated. The person or persons making the demand for the

Men are simply cannon fod-der in this war. Riflemen might as well be armed with tooth-picks. The rifle is too slow for as well be armed with toothpicks. The rifle is too slow for
modern warfare, even if each
rifleman could kill 50 men a
day. The battle-winner in Europe is the frightful "Skoda"
shell, which brings death to
everything within 150 yards
wherever it strikes. The pressure of its gas forces open all
the body cavities instantaneously and rends and tears the
flesh asunder, stripping the
men of their clothing. So fierce
is the heat of its explosion that
it melts rifle barrels as if by
lightning. It is death—annihilation—in most fearful and
frightful form. War is not
war in Europe, it is a nightmare of horror surpassing the
most fearful dream that ever
made night hideous.

switch or sidetrack must pay the rail-road company the cost of construction. Where the railroad company grants a location on its right of way in place of constructing a sidetrack to a location on adjacent land it must deliver to its on adjacent land it must deliver to its agent a statement that it has elected to give a location on its right of way next to its tracks. This statement is to be delivered by the agent to the person making the demand, and becomes a binding contract provided the building is begun within 60 days.

If the waitnesd company and the person

If the railroad company and the person or persons making the demand can-not agree as to the terms of payment for the use of such location, the order of the public utilities commission will gov-ern. The grain elevator so built must be of not less than 10,000 bushels storage capacity. In case of any doubt in the matter of making a demand of this kind it would be best to write to the

be of not less than 10,000 bushels storage capacity. In case of any doubt in the matter of making a demand of this kind it would be best to write to the public utilities commission at Topeka, giving full particulars.

As to Shippers of Stock.

Railroads are required to carry shippers of stock or shippers' employes on passenger trains in case of shipments within the limits of this state, on presentation of livestock contract, either from the point of shipment or from an intermediate point to destination, but only between points where passenger trains make regular stops. Not more than four persons are to be passed with a train forwarded by one shipper. It is expressly provided that the railroad company shall not be more liable in case of damage to stock where the shipper rides on a passenger train than where he accompanies the shipment the per rides on a passenger train than where he accompanies the shipment the entire distance.

The service fee charged by the owner

SIDETRACK or switch connections of any stallion licensed by the Kansas may be demanded by any person, state livestock registry board or of eny person or corporation owning or propaint of build a grain elevator or eoal term of 12 months from the time of shed on land adjacent to the right of service if such mare does not produce a way of a railroad within one-fourth mile of any way station. The railroad colt, and for 20 months from the time of service on both mare and offspring company is required to designate the if she produces a colt. The lien, how-location of such switch or sidetrack. ever, cannot be enforced before the mare Such a demand must be in writing, and foals from such service unless the person delivered to the nearest railway agent, appearing as owner at time of service appearing as owner at time of service shall sell, trade or exchange or remove from the county the animal so bred, or attempt to do so without written permission from the owner of the stallion

or jack.
Descriptions and ownerships of mares must be filed with the register of deeds before the time of foaling, and may be filed in lists of not more than 100 names filed in lists of not more than 100 names at 50 cents a list. Action on a lien of this kind, when it becomes operative, is begun before a justice of the peace in the county where the mare is owned, by a verified statement, giving the amount claimed, the cause of action, and a description of the animal or animals. The justice will then issue a summons and have a constable take the animal in custody and hold subject to the order in custody and hold subject to the order of the court. If on a trial the justice finds for the plaintiff the animal is sold to pay the judgment. A fine of from \$25 to \$100 may be assessed for removing or selling an animal that has been bred without first paying the service fee or having a settlement with the owner of the stallion or jack.

#### Fumigating Stock-Food Sacks.

All sacks used to contain livestock food sold in this state must be thorough-

ly disinfected and fumigated in accordance with the requirements of the live-stock sanitary commissioner.

It is unlawful to sell, or offer for sale, any second-hand sacks until they have been disinfected and fumigated as required. A violation of these provisions is punishable by a fine of from \$10 to \$100.

#### Wire Pullers Against Capper

From the Olathe Independent.

As the time for the making up of the county and state tickets draws near, a few things are becoming fixed in the public mind and one of these is that Governor Capper will easily succeed himself. There is that traitorous element that has always opposed Capper, which would like to beat him at the primaries and if they think it safe will bring some one out against him. Governor Capper has given an administration that has been no bluster, bragging nor threatening, but the business of the state has been carried on in a dignified state has been carried on in a dignified way and efficiency has been the aim in every department. He has played no favorites and he has been above petty politics. The wire pullers and slate makers would like to ditch him because they can't use him, but the people of Kansas know Capper and they are for him.

#### Institutes for January

Here is a list of the farm and home institutes to be held in Kansas during January, as announced by the Kansas State Agricultural college.

I think the Farmers Mail and Breeze is the best farm paper I have ever seen.
Ralko Okla. M. L. Morris. Balko, Okla.

#### Fine Work by Grangers

The Grange stands for better educa-tion, for higher morals and general sociability, and for co-operation. Coffey county, Kansas, has 21 subordinate Granges. Seventy-five per cent of the Granges. Seventy-five per cent of the people in the rural communities in our county are Grangers, and the records of the Lebo high school show that the pupils from the country attending school in town generally make better grades than the city children. Our Brother Mahuran of Burlington, who is a staunch Granger, got a bill through the last Kansas legislature making provision for township high schools.

sion for township high schools.

The children may accompany their parents at each session of the Grange and have the advantage of listening to the discussions, which helps them by training them for future usefulness. This is far better for both child and parent than for the children to go to town while father and mother attend the Grange alone. The Grange is, therefore, a valuable factor in any community for raising the standard of morality. The meetings of the Grange include a regular literary program of speaking, singing, instrumental music and the discussion of vital subjects, thereby providing up-to-date entertainments. Everyone enjoys the dinners at the meetings, also.

the meetings, also.

The Grange is strong for co-operation along financial lines. No longer can the farmer hope for financial relief to come by listening to the smooth speech of the politician. Only by banding together in communities, in counties, and in states, and co-operating can we hope for relief.

The Grange in eastern Kansas has done to the political politics of the lines of the lines. very little along this line. On July 24

permanent organization, a copy of the constitution and bylaws having been sent to the secretary of each subordinate Grange in the county. This meeting was to be composed of one representative from each Grange in Coffey county. A permanent organization was effected. C. W. Cassell was elected president; Ed Dreyer, vice-president; L. U. Misback of LeRoy, treasurer; the representative of the Valley Grange at Waverly, secre-tary; and O. H. Johnson, general man-

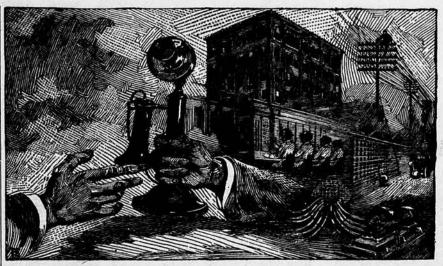
ager.

The sailing was smooth for only a short time for, not unlike other reforms, it became necessary for this new or-ganization to blaze an entirely new path for operations, and at this point it met stern opposition from one who was instrumental in beginning the organiza-tion. But the faith of its officers was not to be daunted by opposition. They had higher ideals and would not be sathad higher ideals and would not be satisfied with anything short of results. So our manager, Mr. Johnson, got busy and including what we farmers around Lebo had already bought by car loads, we have up to date transacted business as follows: Buying by the car load potatoes, twine, cabbage, flour, bran, shorts, wheat, coal, apples, peaches, Idaho prunes, salt, a total of 44 cars and making an average saving of \$155.26 a car.

Lebo, Kan. car. Lebo, Kan.

#### Lebanon is Against Preparedness

The Smith County Farmers' union, which has a large membership, passed the following resolutions against the program of preparedness at a meeting at Lebanon a few days ago: Whereas, There is now a bill being



# **Anticipating Telephone Needs**

When a new subscriber is handed his telephone, there is given over to his use a share in the pole lines, underground conduits and cables, switchboards, exchange buildings, and in every other part of the complex mechanism of the telephone plant.

It is obvious that this equipment could not be installed for each new connection. It would mean constantly rebuilding the plant, with enormous expense and delay. Therefore, practically everything but the telephone instrument must be in place at the time service is demanded.

Consider what this involves. The telephone company must forecast the needs of the public. It must calculate increases in population in city and country. It must figure the growth of business districts. It must estimate the number of possible telephone users and their approximate location everywhere.

The plant must be so designed that it may be added to in order to meet the estimated requirements of five, ten and even twenty years. And these additions must be ready in advance of the demand for them - as far in advance as it is economical to make them.

Thus, by constantly planning for the future and making expenditures for far-ahead requirements when they can be most advantageously made, the Bell System conserves the economic interest of the whole country while furnishing a telephone service which in its perfection is the model for all the

### The Sleigh-Ride BY HARRY J. WILLIAMS

Willis, Kan.

Oh, bustle and hurry and hustle and scurry, The bob-sled is ready just down by the gate!
The horses are champing and nervously stamping
To be on the way with their frolicsome freight.

Make room for another! No fear that you'll smother, You tittering, chattering, turbulent swarm! Now merrily huddle and cozily cuddle Right down in the straw where it's comfy and warm.

Our noses may tingle, but list to the jingle
And rhythmical chime of the musical bells:
With laughter and shouting, (no semblance of pouting)
We'll banish Jack Frost to the furthermost dells.

With silvery shimmer and gold-tinted glimmer
The moon sends a flood o'er the glistening snow;
The stars are all dancing, our pleasure enhancing,
As merrily, cheerily onward we go.

It seems we've just started, so gay and light-hearted We've been, with no thought of the hour growing late; Then, ev'ry heart bounces as someone announces:

Well, who would have thought it? We're back at the gate!"

at the Pomona Grange in Aliceville, Coffey county, while discussing the subject of getting better marketing facilities, I dropped a suggestion which has already been made to flourish and bring forth its fruit every month. This was for the 21 Granges of Coffey county to send a man directly to the northern fields to buy potatoes for all the Granges in the county and for each subordinate Grange in the county to send three delegates to elect a man to buy and sell for the entire county. This meeting was called for August 7, 1915, to be held in Burlington, Kan. It was to be held in Burlington, Kan. It was called to order by Charles Romary of Key West Grange, a prominent factor in Grange work in eastern Kansas. Ed Hill of Pleasant Ridge Grange, another live-wire, was elected secretary.

The subject having been fully dis-cussed, Brother O. H. Johnson of Prairie Queen Grange, Ed Hill and myself were elected a committee to draw up a tentative plan upon which to work. A second meeting was called for August 27.
At this meeting Brother Romary presided and Mr. Hill acted as secretary.
The committee reported a tentative plan

ing assembled, do protest against such increase in appropriations for the army and navy in time of peace, and believe that the loyalty of the people will meet any contingency that may arise; also, be it

gressman to work and vote for a good rural credit bill; and, be it further
Resolved, That a copy of these resolutions be sent to our representative,
John R. Connelley, and request him to so work and vote.

The Smith County Farmers' Union.
Charles Sargent, President.
P. C. Abernathy, Secretary.

#### Where Was It?

Little Helen's mother had called her into the garden to look at a caterpillar. The child, who had never seen one be-The committee reported a tentative plan which was almost unanimously adopted as a constitution and bylaws to govern the organization.

Another meeting was called for September 25 at Burlington to complete a tail, but where is it?"



AMERICAN TELEPHONE AND TELEGRAPH COMPANY AND ASSOCIATED COMPANIES

One Policy

One System

Universal Service

# Would You Work For \$3.50 An Hour?

WOMAN said that it was foolish to waste time making soap at home when it could be bought so cheaply at any store. Another woman replied to her in the columns of the Chicago Daily News as follows:

"She and housekeepers like her keep prices high and times hard. Let me, from fifteen years' experience, relate the real facts in regard to soap making:

regard to soap making:
"For 50 cents' worth of lye (six cans) and ninety minutes' time each year, I make more than 100 cakes of clean, hard soap that compares favorably in color, odor and efficiency with soaps that cost 7 cents a cake or 80 cents a dozen on sale."

"Therefore, my Scotch economy has saved at least \$7 a year at a cost of less than two hours' time and 50c for lye.

may value her time at more than \$3.50 an hour, but the average home-maker shouldn't!"

Save your scraps of grease, use

.ewis

and make your own soap at home. You'll be glad to save \$3.50 an hour.

PENNSYLVANIA SALT
MANUFACTURING COMPANY
Manufacturing Chemists
PHILADELPHIA, PENN.



# THE

FELLOW WITH THE BIG

W Ber E. P.-35 Bet E.P.

A medium size tractor that is really making good on hundreds of farms. Does the heavy work cheaper than horses or steam and can also be used economically on light loads.

You get reliable power at low cost with the corectly designed and constructed Sandusky. Straig gear drive prevents wear and consequent loss of power as also upkeep expense incident to driving through bevel gears.

Sold subject to three day trial, demonstrating on your own work its ability to fulfill

#### OUR GUARANTEE

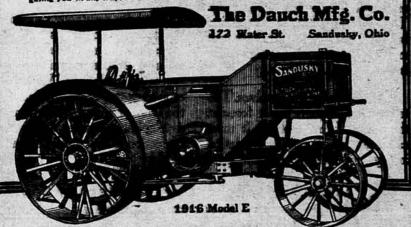
We guarantee The Sandusky Tractor to handle four 14-inch mold board plows 8 inches deep where a big team can pull a 12-inch plow 6 inches deep; to run belt machinery up to 32-inch separator; to have one-third reserve over drawbar rating, and for one year againts defective workmanship and material.

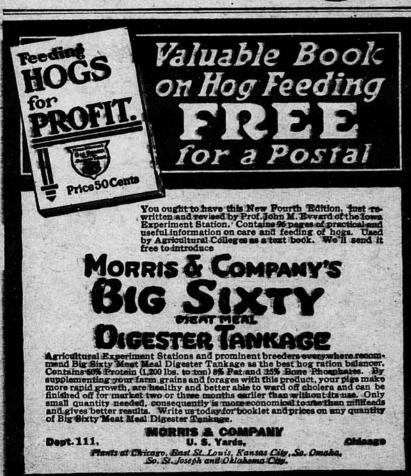
Equipped with our own four cylinder, four cycle, 5 x 5% heaving any duty, sic speed, vertical motor; 2% inoh crankshaft; 3d inches of motor bearings; positive self-contained combination force feed and spla oiling systems. Motor set crosswise to frame eliminating objectionable bearinger drive; removable underpan permitting taking up or replacing bearing connecting red, rings or entire piston without disturbing any other part tractor. Three speed selective transmission, 24 to 5% milesperhour with dise drive on low; three point spring suspension; all steel-construction, light weigh small overall dimensions and short turning brakes; easily handled; surplus coing capacity.

The Sandusky Tractor, its motor, and transmission were each awarded the Gold Medal at the Panama-California Exposition. Also highest award Silver Medal at Society for Improvement of Agriculture Exposition, Lancashire,

### Book "Power on the Farm" Free

Write for a copy of the new 40 mare edition covering the latest seffined 1916 Model E, its uses, and continuing other valuable information. Tell us fully about your power, problems and we'll gladly help you active them without abit. about your power progating you in any way.





### Co-operation Is Winning

#### A Union of Kansas Farmers Usually Increases the Profits

BY B. H. SHEBBARD

FARMERS will co-operate in matters they should know what charges are in which they are deeply interested, made, and why.

and usually will refuse, or fall, to
co-operate in matters in which they tance. Even though every man could do have but a secondary interest. For extangle, the orange growers of California as a unit, unless some one man accumulation. and usually will refuse, or co-operate in matters in which they have but a secondary interest. For example, the orange growers of California as a unif, unless some one man actual a remarkably successful co-operatually be given the authority and put in tive company. The dairy farmers of the charge. Likewise there may be a score upper Mississippi velley have a great of men capable of acting as leaders of number of successful creameries and cheese factories. On the contrary, the farmers of the Middle West grown a great tually become leaders or nothing will be deal of fruit, but they do not in many done. Leadership is a rather rare qualdered for the contrary of the man who wishes to do tidle man who wishes to do and Missouri milk many cows, but in these sections co-operative dairy organzations do not always flourish. To be a good member of a co-opera-

tive company each individual must feel that his interests are those of the comthe co-operative company will be given but little attention. He must think in terms of the association. An apple grower knows apples and gets his liv-ing by selling them. It is of vital con-cern to him whether he gets \$1 or \$1.25 a box for his crop, while to the average Iowa or Illinois farmer the price of apples is not important. However, a margin of 5 cents a bushel on grain to them often makes the difference between profit and loss.

There are abundant exceptions to this general proposition so far as mere num-bers of associations go. For example, the co-operative telephone and mutual insurance companies are numerous. These companies involve so little farm finance, however, that they can and are run with-out much attention from the average farmer. Thus it might almost be said that the business which lends itself to co-operative action is either that in

co-operative action is either that in which the farmer has the greatest concern, or that in which his concern is constant but very slight, and which can be run with little or no attention from the majority of farmers involved.

Is there a spirit of co-operation, detent, in a neighborhood in which a co-operative organization is proposed? The answer is always vital, and often perplexing. Where race lines are rigidly drawn, co-operation has a difficulty to evercome. In fact, the history of farmers organizations shows little mingling of races, yet with good leadership men of different races may be held together. Nationality, religion and politics, though much less likely to interfere, do at times cause lines of cleavage unfavorable to co-operation. It is a case of rela-

there must be an intelligent understanding of the object to be gained on the
part of those making the effort. All
many instances, has become a dead lettoo many agricultural co-operative
movements have been launched by men
who desired strongly to get somewhere,
but who knew little or nothing of the
proper route to follow. General intelligence is seldom lacking, but specific
information often is. Where a co-operative company undertakes the marketing
When a farmer, or a small group of five company undertakes the marketing of a product there should be a clear understanding of the market which it is pany would help in solving some of the proposed to enter, or perhaps to possess. problems of the neighborhood, it will be the members should have a clear picture of the marketing processes, and kind of company best suited to its needs.

things will find the co-operative field rich in apportunity for constructive action.

No doubt any organization must be business-like if it undertakes to do bus-iness with a hope of success, but in flis respect a co-operative company is in greater need of caution than a private concern. The reason is that responsibility is unified in a private company and ity is unified in a private company and diffused in a co-operative concern. A hundred farmers who belong to a co-operative company are not likely to apend more than two or three days a year attending its meetings and transacting its business. The directors are not likely to take quite the vital interest in the affairs of the company that is taken by railroad or bank directors in the affairs of their respective companies, since in the one case the investment is small, and in the other case large, and again the co-operative case large, and again the co-operative case large, and again the co-operative company usually makes but a modest return over what could be obtained otherwise. All these facts point to the necessity of a thorough-going business plan for the guidance of a co-operative company so that the members may at any time know how matters stand, and in order that those in charge may be held to a strict accompting for all they held to a strict accounting for all they

There should be an adequate, but simple system of accounting, such that expenses and investments may be taken care of in a regular and equitable

Many a farmers' organization has gone to pieces because of the disloyal, shortor co-operation has a difficulty to evercome. In fact, the history of farmers'
organizations shows little mingling of
races, yet with good leadership men of
different races may be held together.
Nationality, religion and politics, though
much less likely to interfere, do at
times cause lines of cleavage unfavorable to co-operation. It is a case of relative strength. Where the economic motive is a powerful one, as in some of
the fruit-growing districts where marketing becomes almost a matter of life
and death, these obstacles are readily
overcome, but where the margin of advantage is small co-operation may easily be defeated by these counteracting
influences.

The many almost organization of some of the disloyal, shortsighted actions of some of its members.
One of the usual sources of trouble of
this character is the tendency of many
members to sell to competing companies
for, perhaps, a trifle more than the
farmers' company sees fit to offer. This
difficulty has led many associations to
put into their bylaws the so-called "penatty clause." This is a provision by
which the members of the company are
please upon payment of a small amount,
as a half cent a bushel on grain, into
other own company to emable it to exist while the business which it might
normally expect is being done by its
competitor. This "penalty clause," or
"sustaining clause" as it is sometimes
called, has been declared illegal by some
of the courts and consequently, in



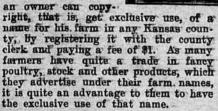
on Lends to the Rapid Material Progress of Coun For the Added Profits Make This Possible.

Coupen

### What Shall I Name the Farm

Seventy-Seven Suggestions Are Given Here From Shawnes County Places Now Registered

R ANGING from the practical "Capital City Stock Farm" to the picturesque "La Bocage" and "Flowery Dale", are the 77 names of Shawnee county farms which have been registered with Oscar Swayze, county clerk. Under the recent law



#### me Characteristic No

Many of the names, it is evident, have been chosen because of some outstanding feature about the farm. Thus, "Cedar Drive," "River View Farm," "Boulder Gate Farm," "Hill View Farm." Several of the farms have been christened with of the farms have been enristened with a view of telling immediately their big asset, as "Springdale Berkshire Farm" and "Valley View Stock Farm." A preacher has given the applicable title of "Resthaven" to his piece of land.

There are evidently many cedar trees

in Shawnee county, for eleven farms have names in which cedar appears. One man who owns three farms has named them, "Glen Fountain," "Vale Fountain," and "Grand Fountain." Women owners of farms have without exception given cuphonious titles to their holdings.

Topeka township contains the most ountry estates which have been digified with a registered title. It as 23 such. Mission township follows with 11

#### Here Is the List

The owners of farms with registered. Farm.

Margaret A. Kearney, Tecumseh, Maple names, the township in which the places are located and the names, follow in the order in which they were registered:

O. C. Skinner, Topeka, Capital City Stock

grun.
J. A. Ramsey, Tecumseh, Brookhaven.
A. C. Merritt, Soldier, Hillerest,
Agnes P. Pugh, Topeka, Woodlawn.
R. D. Rerry, Mission, Sunny Slope Foultry

arm.
D. H. Forbes, Mission, Cedar Heights.
H. W. McAfee, Mission, Prespect Farm.
Charles: W. Merriam, Mission, Alysdale.
S. H. Haynes, Menoken, Moccasin Valley Ira Lundy, Topeka, Sunny Side Poultry.

Farm. Charles Holston, Topeka, La Bocage.



J. T. Herring, Tecum-seh, Flossmoor. D. B. Rice, Tecumsek, D. B. Rice, Description of the Control of the Contr

Soldier, Peeriess Orchard.

Soldier, Peeriess Orchard.

O. E. Walker, Mission, Park View Farm.

H. W. Mavney, Auburn, Oakdale.

J. H. Ginter, Memoken, River View Farm.

J. D. Corbet, Mission, Gen Fountain.

J. D. Corbet, Dever, Vale Fountain.

J. D. Corbet, Dover, Grand Fountain.

C. H. Searie, Monmouth, Bonnie View.

Frank D. Merriam, Topeka, The Meadows.

Rauben H. Town, Dover, Elmdale, Farm.

Franklin Eckert, Mission, Maple Sides

G. E. Roberts, Auburn, Resthaven.

D. L. Button, Soldier, Union Hill Stock.

Farm.
J. W. Hendersen, Auburn, Springdale
Berkshire Farm.
J. R. Dressel, Soldier, Forest Hill Farm.
J. R. Dressel, Soldier, Forest Hill Farm.
John M. Wilkerson; Soldier, Pleasant Valley Stock Farm.
L. W. Thompson, Topeka, Cedarhurst,
J. F. Cecil, Soldier, Pinehurst Farm.
M. F. Stout, Auburn, Cedar Hill Farm.
Clarenes Blackler, Menoken, Gienview.
Farm.

Olarenes

D. E. Holliday, Topeka, Elm Grove,
E. S. Baxter, Auburn, Cedar Front.
T. W. Scudder, Mission, Brentwood.
Thos. Neiswender, Memoken, Kansas Valley
Hoverieaf Farm.
H. A. West, Soldier, Maple Grove Farm.
W. E. Dustin, Topeka, Goodland Stock

Henry Washington, Topeka, Cassa-Dora. M. T. Kelsey, Topeka, Northwood, Scott Kelsey, Topeka, Belmont Avenue

arm.
R. C. Obrecht, Mission, Fairles,
V. Anderson, Dover, Oak Park Farm.
Ira G. Romig, Topeka, Bonnie Brae.
Isalan Zimmerman, Williamsport, Willow Springs Farm.
L. C. Waters, Williamsport, Elm Crest.
Clarence Dennis, Topeka, Feathercrest

arm.
Neis Olson, Soldier, Fogelsong Farm.
J. D. Rics, Tecumsen, The Cedara.
James Stevenson, Topeka, Pleasant View.
James Stevenson, Topeka, Cedar Ridger
A. T. Daniels, Topeka, Wayside Inz.
Louise Krigbaum, Topeka, Orchard Hill.
G. F. Miller, Jr., Soldier, Boulder Gate

G. F. Miller, Jr., Sound,
Farm.
Fred W. Priebe, Soldier, Grand View Farm.
R. J. Scharman, Mission, Alpha Dell Farm.
T. R. Reed, Topeka, Hill View Farm.
John F. Doane, Mission, The 101 Farm.
Curt: Bergmann, Tecumseh, Sylvan Dell

Court. W. M. Hixon, Topeka, Maple View Poultry

Farm.
W. F. Hotchkiss, Williamsport, Home
Lawn Farm.
O. L. Glney, Topeka, Ivywild.
E. L. Taylor, Williamsport, Comfort Farm.
J. S. Dosnel, Auburn, Rose Hill Farm.
Fred Engler, Topeka, Valley View Stock
Farm.

Farm.

Alice S. Jeffrey, Topeka, Pridewood Home.
O. C. Skinner, Topeka, Royal Oak Barm.
Updegraff & Son, Soldier, Riverside Farm.
E. N. Martin, Menoken, Avonleas,
M. T. Mitchell, Soldier, Flewery, Dale.
Clara Day Boyd, Seldier, Oakwood.
J. H. Hartman, Soldier, Central Valley
Stock and Fruit Farm.
Charles M. Robinson, Soldier, Shorsia.

### Farm News from Ness

Cattle are going into the winter in this section in far better condition than usual. Grass and good weather have been available all fail, and this has helped. Most of the wheat was put in early in Ness county, and it has supplied a great deal of pasture.

The open fall also has made it possible for farmers to do a great deal of plowing. Fall plowing has become popular in this section in the last few years.

Corn has produced excellent yields.

The drouth resistant crops such as kafir and mile also produced good yields. There is a general belief in the drouth resistant crops in this section, for they will grow with a limited amount of moisture. T. Knowlton. Ness County.

#### A National Swine Show

The committee appointed at the rec meeting of the National Swine Growers' association to arrange for a National Swine show, believes it advisable to announce that a show is now assured for October, 1916. The committee believes that nothing but interference by quarantine regulations will prevent the holding of a swine show that will be undoubtedly as great a show of hors as neeting of the National Swine Growers

in the show on the basis of a smaller prize list, probably \$1,000 for each breed.

The location of the show will be determined early in January, and definite announcement made as soon as possible. The committee already has at least one proposition which is more favorable than it had been supposed could be secured. This proposition is certain to be

If our state of preparedness is so bad, why is it so bad? Why, in fact, isn't it good, first-class, the equal of any power spending anywhere near such a large amount of money annually as we have been spending on de-fense? And if, admittedly, our state of defense is so wretchedly poor and inadequate that it amounts to no defense, shall we throw away twice as much money on it instead of first in-vestigating and checking the waste and extravariance of our ravagance present mismanagement?

accepted, unless something more desirable is submitted later. Recognizing that it is none too early for those who would expect to be exhibitors at a National Swine show to begin making preparations, this advance announcement is

ing of a swine show that will be undoubtedly as great a show of hogs as made.

A \$10,000 prize fund is assured. This is made certain by a guarantee of \$2,000 for each of five breeds of hogs. The record associations are back of this prize fund. It is altogether likely that some of the other breeds will participate to the other breeds will participate to the symmetry of the apparent certainty of a hog show of this magnitude.

W. M. McFadden, President.

# Will GIVE You My Introductory Course In Horsemanship FREE! If you want to be recognized as the fore-

PROP. JESSE BEERY King of Horse Train

most horse expert in your county, here's your chance! My graduates are earning \$1200 to \$3000 a year by using my safe, simple, successful methods. And to show how you can learn to judge a horse's disposition at sight, and how you can correct grayfault in gray horse.

and how you can correct any fault in any horse I will send you free, my Introductory Course in Horsemanship. Yes — PREE, — No charge — no obligation.

Do You Know of a Bad Horse Nearby?

I don't care what's wrong with it—whether it kicks, rears, bites, balks, shies, runs away, or whatever else it may or may not do, I guarantee you can correct the fault, make the horse worth more to the owner, and pocket a good fee yourself in the doing of it. I've been doing that very thing all my life. Now, since I have quit the arena I have shown some 41,000 successful graduates how to win popularity and good incomesthe self-same way. Just Send the

There is Only One Correct System

The only correct system is that based upon actual experien with all types of houses. And this system takes into considerate the disposition of a horse, which is of first importance. You on the disposition of a horse when you know its disposition. Here's what one of my graduates did—and I can send you hundreds of just such letters of success:

"I hought the werst balker I could find to test your methods. Paid \$85 for him. Handled him a few hours—said him for \$135. He is one of the best pullers in the Shata now."

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And Tean just as surely enable you to win fame and a good income this way. And to prove it I will send you my Introductory Course, ABSOLUTELY FREE. All II ask you to do is to send the coupan. That's easy, isn't it? Then prove your ambition by sending it NOW. This offer may soon be withdrawn. When sending coupon also tell me about your horse.

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dng strape. sing to hold back while going to hill.

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Know How Much You Make This Year

schall pay a contitur Statemere's Farm Account Scots. Mr. Farmer, simply send us your name and s. Business farming puts money in the bank. This book is arranged to keep all accounts in simple more simple, and certainly-more practical than trying to remember them; shows what to charge against coduction; has a laborar's time record; and section for personal accounts. 64 pages; for last or possible charge affair. Its quality is in keeping with

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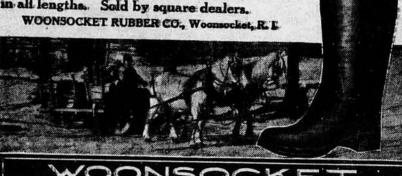
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For their 1916 catalog and price list—it will be mailed free. Mention this paper.

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of Progressives, Superb, Iowa and Americus, oring strawberries, choice of 20 varieties \$1.0d. 1.000 by Ex., \$3.00. Ever-bearing Red Rasp., 20 for \$1.00. Catalog of big bargains FREE. W. H. KOELL, Box 875, Hampton, Iowa



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Colorado's largest, popular priced Hotel 900 Rooms
Rates \$1.00 per day and up; with beth, \$1.50 and up Just one-half block from Union Depot Hamilton-Brooks Company

# HOME DRESSMAKING

These patterns may be had at 10 cents each from the Farmers Mail and Breeze.

Ladies' waist 7552 is cut in sizes 34 to 42 inches bust measure. The collar may be buttoned or rolled low.

Skirt 7561 is cut in one piece and may be made with or without a yoke. The pattern may be had in size 22 to 32 inches waist measure.



Girls' dress 7538 is cut in sizes 4 to

Girls' dress 1558 is cut in sizes 6 to 12 years. Girls' dress 7574 is cut in sizes 6 to 14 years. Plaid and plain materials are combined in a most effective way.

Misses' dress 7572 has a two gored skirt and may be made of one or of two materials. The pattern is cut in sizes 14 to 20 years.

USE THIS COUPON FOR PATTERN ORDERS.

The Farmers Mall and Breeze, Pattern Department,
Topeka, Kan.
Dear Sir—Enclosed find......cents, for which send me the following patterns:

Pattern No....... Sise...... Pattern No..... Size........... Pestoffice ..... State ......

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

# BE SURE TO GIVE NUMBER AND SIZE.

Warm Winter Covers

If you have a pair of wool blankets which are getting thin in places, wash them carefully and quilt them on a cheap cotton blanket or a layer of outing flannel. This makes a soft warm covering that is easily washed and will last for years. To save time the blankets might be tied on the outing flannel as one does comforters, but they will wear better when quilted. I quilt mine only one way diagonally across the blanket.

N. B. L.

Enterprise, Kan.

Girectors of schools for afflicted, and with the carefully and quilt them on a cheap cotton blankets are presided over by women. Of the 70 institutions for the blind, 15 are directed by women. Of the 75 state schools for the men; and of the 22 private institutions of the same character, 16 have women superintendents. Of the 31 private institutions for the feeble-minded, 20 are supervised by women.

Fourteen out of 86 directors of industrive with each succeeding hour to be a stitutions for the feeble-minded, 20 are supervised by women.

Fourteen out of 86 directors of industrive with each succeeding hour to be.

A Dinner Pail Hint

may be a soup or a savory stew or some sort of dessert, but it must be something liked by all the family and something easy to make. Of course, as the hens are on their annual strike about this time, a really good winter recipe should not call for many eggs. And by the way, did you know that gelatin is one of the best substitutes for eggs at public sales. We choose a lunch manever invented? It may be used as ager and she orders 250 or 300 buns and thickening in custards or puddings or boiled ham, mustard, coffee, sugar, and

ice creams or sauces, and as it beats to a stiff froth it will even take the place of eggs in icing for cakes. If you have pies, according to the size of the sale, found a good way to use gelatin, send it along with your other recipes so that some other housewife may have the benefit of your discovery. For the best trecipe received before January 10 a pound makes 18 to 20 sandwiches. We beautiful sugar and cream set of glass with a dainty pattern in silver chasing will be sent. For the second prize a cook book full of valuable recipes and for 5 cents. In warm weather we also suggestions will be given. Address all sell ice cream, which goes for 5 cents a

Orange and date salad is something new and will be found delicious either for Sunday dinner or for refreshments for an evening party. Peel 6 oranges and a grape-fruit, remove inner skin from the pulp and break into small bits. Wash, stone and cut into strips a pound from the pulp and break into small have a good with the fruit. Add by cup of chopped nut meats and a dressing made of the yolks of 2 eggs beaten light, 1/2 cup of sugar, 1 cup of orange juice and 1 tablespoon of lemon juice. Ordinary boiled salad dressing may be used if preferred.

Another good salad is made from a small head of crisp cabbage, 2 tart apmand 1/2 cup of English walnut and 1/2 cup of English walnut want of the least to stand complaining of my ruthless neighbor's greed; will cease to sit repining while my duty's call is clear.

Therefore, and the pulp and break into small home and the still have a good Mrs. Loran Green Mrs. Loran G

Another good salad is made from a small head of crisp cabbage, 2 tart apples and ½ cup of English walnut meats, all chopped finely. Use a dressing made by mixing together 1 well beaten egg yolk with 6 tablespoons of good vinegar, 2 teaspoons of sugar and 1 teaspoon of flour. Add 1 teaspoon of mustard, 1 teaspoon of salt and a little pepper. Cook over hot water till thick. When cold, thin as desired with sweet or sour cream.

I will start anew this mount.

fairer creed;
will cease to stand complaining of my ruthless neighbor's greed;
will cease to sit repining while my duty's call is clear.

will look sometimes about me for the things that merit praise;
will took sometimes about me for the things that merit praise;
will took sometimes about me for the things that merit praise;
will took sometimes about me for the things that merit praise;
will took sometimes about me for the things that merit praise;
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will took sometimes about me for the things that merit praise;
will took sometimes about me for the things that merit praise;
will took sometimes about me for the things that merit praise;
will took sometimes about me for the things that merit praise;
will took sometimes about me for the things that merit praise;
will not be swayed by envy when my

#### Women in Executive Posts

Women hold many executive educational positions in the United States, according to the Bureau of Education's directory for 1915-10 just issued. It shows that of 12,000 conspicuous positions, largely of an administrative character, 2,500 are held by women. These women are college presidents, state and county superintendents of education, directors of industrial schools, heads of departments in colleges and universities,

In 10 months of war, this year, England has spent 7 billion 950 million dollars. Its estimated deficit for the end of the year is 6 billion 450 million dollars. Its estimated deadweight debt at the end of the war is 11 billions. The expenditures of Germany. France and tures of Germany, France and Russia are not far behind. These enormous sums are utterly be-yord the comprehension of the human mind. If they do not mean absolute and irretrievable ruin for these nations, they mean that the people of these coun-tries must toil and pinch and scrimp and save for generations and generations to lift this vast mountain of debt. In 10 months of this year Europe has gambled away a century of happiness, progress and well-being. Yet our jingoes would have us believe we must prepare to defend ourselves from these desolated peoples and nations! mountain of debt. In 10 months

trial schools are women, and 48 of the 200 schools of art are in charge of women. Out of 1,300 public and society libraries, women supervise 1,075.

Of the 33 bureau officials in the Bureau of Education itself 11 are women.

beautiful sugar and cream set of glass sell these for 5 cents each. A pint of with a dainty pattern in silver chasing but coffee sells for 5 cents. We cut our will be sent. For the second prize a pies in four pieces and sell each piece cook book full of valuable recipes and for 5 cents. In warm weather we also suggestions will be given. Address all letters to the Woman's Page of the dish. We seldom clear less than \$10 farmers Mail and Breeze, Topeka, Kan.

Good Winter Salads

Compage and letters and cream set of glass sell these for 5 cents. We cut our pieces and sell each piece cook book full of valuable recipes and for 5 cents. In warm weather we also suggestions will be given. Address all sell ice cream, which goes for 5 cents a letters to the Woman's Page of the dish. We seldom clear less than \$10 center \$30 and \$40. Every woman is ready to do her share. We have about 30 members.

In the last two years we have re-shingled the church, bought new carpets and window shades, painted the church inside, helped liberally toward the preacher's salary, installed a lighting system in the church, bought an individual communion set, given some to home and foreign missions and charity, and still have a good bank account.

R. I. Giverd Kay

I will not be swayed by envy when my rival's strength is shown;
I will not deny his merit, but I'll strive to prove my own;
I will try to see the beauty spread before me, rain or shine—
I will cease to preach your duty and be more concerned with mine.
—S. E. Kiser.

#### All in a Day

From early morning till night-fall we go round our little world of homely duties according to specified time tables. Sometimes in the morning I wish I were the sun and had a bigger world to go round, with a variety of things to see. But I don't know. I feel sure now, anyway, if I were the sun I should hate to sail across all Europe and look down on the hunger and suffering and fighting and dying. When I think of these things I go back to my breakfast dishes with a heart full of gratitude that I am just a plain little woman. Then the sun comes up, smiling and bright, looking just as if he were glad to get back to the good old United States, and I think, "Dear old sun, what awful scenes have you just passed over?"

The day wanes, and I fall to camparing myself with the sun, not as to greatness, but in relation to duty. The sun drives away darkness and gloom from the earth with his appearing and

greatness, but in relation to duty. The sun drives away darkness and gloom from the earth with his appearing and induces growth, health and harmony throughout the vegetable and animal world. I sometimes think he may have a hard time trying to pierce through the gloom, but no matter how hard the task he is always smiling and bright. And so should we be smiling and cheerful in the task of keeping things straight and harmonious in our own little world. Of course we cannot keep from growing outwardly weary, but we should never be outwardly irritable.

Now while the new year is fast approaching let us strive, not as with weeks and months and years, but as with individual days, to make each one pleasant and harmonious for all about

Bread baked in tin cans is much bet-ter for school lunches than ordinary loaves. The round slice is just right for sandwiches and has a crust all around to keep it from breaking. I usually use the cans from canned corn. After cutting the end out smoothly and washing carefully these cans are most satisfac-tory. Mrs. M. S. tory. Netawaka, Kan.

#### Unruly Knives Forks and

#### Good Table Manners Mean Thoughtfulness for Others

BY MABEL E. GRAVES

Have you ever gone into a res-taurant and watched the people? It's a most interesting occupation, while you're waiting. First thing, if you're a

wander to the man, and you'll find out learn the easier way of holding the when his collar was brushed last, how much he pads his shoulders, and whether he brushes his teeth. If you're a of dresses and good food and work it man you'll probably notice some other would be if mother taught the haby the right way from the you're hungry, you'll get down to the things on the table. And the next stepsometimes the most entertaining step of

entertaining step of the hour and sometimes the one that

down to eat people will call him a which makes this necessary. The finboob, and the higher up he goes, the
more his table manners will count
against him."

convention had come across several states to be present. He was resourceful, cawas resourceful, capable and interesting. But this was the report the man brought back: "He didn't eat pie with his knife, but he did everything else."

have friends who love and admire you, to spoil it all by being careless about your table manners? It isn't as if good manners were difficult to learn. If they were probably

bread from across the table; picking up pancakes with the fingers; jingling the dishes; picking the dishes; picking the teeth at the table. All these things bring discomfort to

And the very simplest, easiest way is the best way.

The spoon never should be left standing in the cup. One who has been so un-

Fig. 6.

A Wrong and Right Way.

fortunate as to splash coffee over the tablecloth as the result of an up standing spoon will appreciate the reason why. The nat-



Fig. 2. How Long Can He Do It?

Fig. 8. He Would Stab a Friend.

grasp a spoon with Then, because he can't help it when he is holding it that way, he spills half his bread and milk

thing, if you're a woman, you'll no. Fig. 1. Too Much Muscle Required. his bread and must tice the hat of the other woman, and while getting it to his mouth. And we the color of her dress, and whether her sould him, poor baby! for being so carepowder shows, and whether her switch less, when after all the fault is our matches her hair. Then your gaze will own. Most persons as they grow older wander to the man, and you'll find out learn the easier way of holding the when his collar was brushed last, how spoon between the thumb and the first and second fingers. But what a saving

taught the baby the right way from the very beginning.
Out in the hay field the man who used 25 pounds of strength when 10 would do would be called foolish. But let us look again at let us look again at our friends in the

ural thing for a baby to do is to

spoils your whole meal-is the way the restaurant. Five chances to five they people eat.

"I think it's such a pity. He has bit of meat when ounces would do. Fig. brilliant prospects; but wherever he sits leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will call him a leave to see the people will be a leave to see the peo against him."

This was what two girls said the other day about an acquaintance.

A man attended a convention. One of the speakers at the convention had come

necessity cuts from behind.

Many a small boy, trying to do the best he could when mother was too busy to show him how, has doubled up his fist as if he were

going to knock down his best friend, then grabbed his fork. When he needed Honestly, doesn't it seem a shame, then grabbed his fork. When he needed when you have worked hard going more leverage his thumb went up over through school, training your mind, and the end of the handle. And when he may be paying the costs meanwhile; grew up he kept on doing the same awkwhen you've spent years on music and ward way. This is no laughing matter, painting; when you have been able to demonstrate out in the world that you ply manners good or bad. It's a questave a brain that counts; when you tion of efficiency and ease at the table. The knife gets love and admire you.

this holding the fork; and it isn't simply manners good or bad. It's a question of efficiency and ease at the table.

The knife gets along better, but even then there are ways that are bad. To grasp it in the whole hand, with handle extending up toward the wrist, is a waste of energy.

that looks well, here it is in Fig. 5. Knife and fork are held in much the same way for cutting meat.

Fig.5. Easy and Serviceable. bring discomfort to

The end of the hand, held things that spoil the pleasure of others, firmly by the fingers curied around it. means a lack of courtesy. Having good The fore finger is extended in an easy table manners means, in other words, curve, and with the least possible expust following the Golden Rule.

Then there is the knife and fork and

Then there is the knife and fork and spoon. It is strange what a bundle of perversity is done up in those three little tools. But they can be managed. And the very simplest, easiest way is the best way.

When the meat is cut, change the fork to the right hand, holding it as the sector ond spoon is held in Fig. 6. Except for the cutting of meats and other of the tougher foods the knife is laid aside. All the softer foods, such as pancakes,

vegetables, and pie vegetables, and ple are cut and eaten with the fork alone; held in the right hand. Serve your-self to bread with the fingers instead the fingers, instead of using the fork for this purpose.

# Have a"warm-all-over" house

In cold weather do you hate to go upstairs or from one room to another? Do you huddle up in one or two rooms and often suffer from chill or drafts? If you are comfortable in only, say, 3 of the 8 rooms of your house, you are getting theuse of only three-eighths of what your house costs—a poor invest-ment! Make a warm, cheerful home out of



Do not live like this five months every year!

your whole house by putting in an outfit of

# RADIATORS & BOILERS

**IDEALBoilers and AMERICAN** Radiators enable you to enjoy every room, hallway, nook and corner of the house. Not only do you get the full use and enjoy-

ment of the home, but IDEAL Boilers and AMERICAN Radiators will actually pay for themselves in the fuel savings.

They are so simple to run, and so thoroughly rid the house of ash dust (giving long life to furniture and decorations) that house-cleaning is reduced one-half. IDEAL Boilers are the only heaters so made that all the coal-gases and soot are kept inside the boiler — burned there — thus protecting the family health. No other heating apparatus in any way competes with IDEAL Boilers and AMERICAN Radiators, hence their rapid and wide use in farm houses and other buildings—more than a million installations at home and abroad.

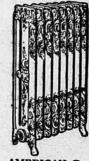
Phone your local dealer but specify and insist on IDEAL Boilers and AMERICAN Radiators. Do not take any other. In so important a matter you can not afford to run any risks, especially when IDEAL Boilers and AMERICAN Radiators are so fully guaranteed and cost no more than inferior makes. They protect the farm house against fire risk and run independently of water works supply or mains, as same water is used over and over again for years.

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#### Topsy and Jack and Jill

Our pets are three Shetland ponies named Midget, Topsy and Tony, and two Maltese kittens named Jack and Jill. Topsy and Tony are Midget's colts. The morning when we found the first little morning when we found the first little colt in the barn with Topsy, my sister and I were so pleased we did not want to eat any breakfast. We named the baby pony Topsy because it was black with one tiny white spot in the forehead. Topsy was so little she looked like a good sized dog and she could walk under her mother just as if she was a kitten. We halter broke her by tying her beside her mother and in a few weeks we could lead her around the yard. Once I harnessed her to the little wagon and drove her around. One day a friend of mine came to play with me and after dinner we put a saddle on Midget and rode her. Then we thought we would have some fun by putting an old saddle on Topsy, but as soon as we turned her loose she ran around the yard as fast as she could and kicked up yard as fast as she could and kicked up her heels and got the saddle off. Now we can ride Topsy all around the pas-ture. There isn't much to tell about Tony except meanness and I don't think you want to hear that.

you want to hear that.

One day in the spring mamma and I went to get some sweet potato plants and the woman from whom we bought them gave us two little Maltese kittens. She put them in a little sack and when we got home we put them in a box behind the stove. They were so little they looked like rats but they are grown now. My sister and I had a tent in the front yard and we used to take the kittens there and dress them in take the kittens there and dress them in doll dresses and they looked so funny we couldn't help laughing. Three or four hot nights in the summer I slept out in the tent and about the middle of the night the kittens would crawl on my cot in the tent and about the middle of the night the kittens would crawl on my cot and wake me up. Sometimes they played on the cot all night. One night last winter Jack got in one of my traps and when I went to look at them in the morning I thought I had a mink till I heard a "meouw," and then I knew it was one of the kittens. I took Jack out and his foot was mashed and swollen till it looked as large as a dog's foot. Sister took Jack to the house and namma put some liniment on his foot and he licked it off and it made him sneeze and then Jack and Jill went down to the barn and Jill looked at Jack's foot and I think she said, "What is the matter, Jack?" But Jack just looked at her and said nothing. Then Jill licked Jack's foot several times, and after a few weeks it got well again.

Rolla Grandle.

#### Tommy's Puzzle

Tommy Bunker was a new boy at the printing office. He was very eager to learn type-setting, and after his sweeping out and running errands were done, he studied diligently to "learn the case." In a few days he set up himself a prob-lem in multiplication copied from his arithmetic. The proof of his work shows that he had not learned all of the boxes of the case, and the question is, what figures should he have used in place of the letters? Study the problem and see the letters? Study the problem, and see if you can make out. Packages of post cards will be sent for the best five answers received before January 10.

4 A C 6 9 1 8 B 4 A 1 0 4 A C 6 B B 8 4 8 6 C B 9 A C B 5 B 9 A

The verses in the Mail and Breeze for December 4, should read as follows:

A pair of little dogs ran along the road, One caught a fly and one caught a toad. Said the first little pup "My bird is small." small."
Said the next little pup "This has no hair at all!"
Then two cats ran along and the fur did fly,
Till the two little curs made themselves very shy.

And each cat caught a rat and ate it up,
Then they went gaily home their milk to sup.
For cats may hunt and dogs may bark,
But a cat and dog life is surely no lark.

### When Our Old World Was New

#### Here Is a Story Indian Children Are Told When They Ask How the Earth Was Made

THIS is what the old men told me when I was a boy," the wrinkled old Indian grandfathers say to their black-eyed little grandsons as they sit outside the wigwams at night while the fire burns low and the stars blink down as if they were trying to listen, too. And then they tell marvelous stories; stories so old they were no longer new even when Columbus found the western world he thought was India; stories

a sea of water, the Cherokee legend goes, and to the four corners, north, south, east and west, are attached strong south, east and west, are attached strong ropes which fasten it to the great stone arch of the sky. By and by when the world grows old the cords will break and the earth will sink back into the waters. At the beginning there was no earth island and all the birds and beasts dwelt on the upper side of the great stone arch of sky. For a time all went well but after the animals increased in number the upper land became crowded well but after the animals increased in number the upper land became crowded and they felt they must have more room. So they held a council meeting around the White Rabbit's wigwam, for the rabbit, though small in body was shrewd and wise beyond all other beasts, and it was decided to try to find a land some-where in the sea of water down below where in the sea of water down below the sky. But who should go down to look for it? The Rabbit wouldn't go because he couldn't swim, and the big animals all said to let some of the smaller creatures do it; and so, one by

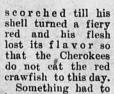
#### A Wonderful Ball of Mud

So the spider spun a long stout silken thread and the water beetle slid down, down, down till it reached the sea of water. Here it darted to and fro over water. Here it darted to and fro over the surface but not a sign of land was to be seen. At last the little water beetle dived deep under the water and brought up a tiny ball of soft mud from the bottom. The water beetle laid the ball of mud on the surface of the sea of water and it grew and spread and became the earth. Afterward the earth was suspended to the sky by the four cords, the Indians say, but no one remembers this. members this.

The new earth lay stretched out smooth and flat upon the sea of waters, and the animals were eager to go down to it but the water beetle told them the to it but the water beetle told them the mud was too soft to bear their weight, so they sent birds down every day to see if the mud had dried. All the birds returned and reported there was no place solid enough for them to alight. One day the buzzard flew up and down over the drying mud till his wings grew weary and as they flapped they hit the soft earth forming deep valleys while the upward sweep made high mountains. Then the animals watching from above became alarmed and shouted for the buzzard to come back before all the smooth zard to come back before all the smooth

When the earth at last dried the animals slid down the four cords at the corners and stretched their cramped legs, and ran races and turned summersaults because it seemed so good to have enough room once more. But one thing troubled them. The earth was dark except for the tiny holes in the stone arch The following are prize winners:
John Earl Simon, Enid, Okla.; Maybeth
Dillon, McLouth, Kan.; Effie Smith,
Nickerson, Kan.; Callie Coates, Greensburg, Kan.; and Albert James, Clay
Center, Kan.
Address all letters to the puzzle department of the Mail and Breeze.

cept for the tiny holes in the stone arch where light from the upper side leaked through and made stars. Then the White Rabbit and the wisest of the other animals beat on tomtoms and sang chants and coaxed the sun to come down and travel in a track from east to west along the sky arch. At first the sun hung so low the earth was hot as a burning oven and the little crawfish was



crawfish to this day.

Something had to be done and done right away, so the conjurers muttered their spells and raised the sun a hand-breadth in the arch. Still the earth was too hot, and again the sun was raised a hand-breadth. Finally when the sun had been lifted seven handbreadths the earth cooled till all

you boys and girls will like as well today as the Indian children loved them
in the long ago.

The earth is a huge island floating in

Classical and so the animals said it was right, and now
the sun runs along its path in the sky
arch every day, and every night it
climbs to the top and goes back along the sun runs along its path in the sky arch every day, and every night it climbs to the top and goes back along the upper side of arch to its starting place. By and by the Great Spirit put men and women on the earth, and trees and plants grew, and so the world was made. This is what the old men tell the little red-skinned boys around the campfire at night; and as they tell it, the fire burns lower and lower and the bright black eyes grow heavier and heavier till the Indian boys fall asleep, and the stars blink down from the sky and the old men nod and dream.

#### A Young Milker

How old were you when you milked a cow the first time? Maybe you pushed your hands down in your pockets for several days afterwards to make everyone think you were a grown up man. Did the cow kick, or was she an old cow so used to having the big boys milk into your mouth, and playing many other pranks, that she didn't mind it?

Little Joe Clark Adams, of Marion, Kan... learned to milk a cow when he

one, they all backed out till only the little water beetle was left.

"I'll go," the water beetle said, "if was 3½ years old, and learned on his the spider will spin a long thread to let wery own cow, too. Joe didn't tell how me down over the sky arch."



This is Joe and his Cow "Crumple."

he earned his cow, but probably his father gave it to him. Joe is a great farmer and goes to the field to help his father husk corn. He has a scrap book and saves the covers of the Mail and Breeze to put in it. Had you ever thought of that?

#### Games for Boys and Girls

If you are planning a party for

ception of one who is "it." "It" starts with a certain person in the ring saying, "Are you pleased or displeased?" If the person is displeased, he asks, "What can I do to please you?" The person to whom he is speaking thinks of some ridiculous task for another member of the circle to do, such as singing a speach. If he refuses along the sky arch. At first the sun some ridiculous task for another mem-hung so low the earth was hot as a ber of the circle to do, such as singing burning oven and the little crawfish was a solo, or making a speech. If he refuses

to do the thing, he is "It," and goes to the center and starts with the next. If the victim does the task, "It" goes to

If the victim does the task, "It" goes to the person who is displeased and asks if he is pleased. If he is satisfied he says "Pleased" and "It," passes on. The more original the tasks the more fun the game will make.

Another game that is intensely amusing and requires no forethought is "Poor Pussy." The guests are seated in a circle with the exception of one who is in the center. He must get down on his knees and with his head bowed, cry in a pitiful voice, "m-e-o-w," three times. After each cry the person to whom he is bowing must say "Poor Pussy," and pat his head, without any signs of laughter. If he laughs he is "It," and bows to the next person in the same manner. If he does not laugh, "Pussy" passes on to he does not laugh, "Pussy" passes on to

he does not laugh, "Pussy" passes on to the next person.

"Black Magic," seems very difficult to those who do not know the game. There must be two who know the game to make the charm work; however, the guests are not to know that the second person has been informed. One player is sent out of the room. Then the guests decide on some object in the room for him to guess, and he is called in. His confederate points to a picture and asks, "Is this it?" The mind reader says, "No."

"Is it the ball?" and again the mind "Is this it?" The mind reader says, "No."
"Is it the ball?" and again the mind reader says it is not. A number of objects may be pointed at, always remembering to point to a black object just before the one decided upon. This gives the mindreader the clue. If this is new to the guests it will take some time to solve the mystery.

#### Spiders Help With Engineering

Those who have looked through an engineer's transit probably never have guessed that the cross wires seen were manufactured by a black spider.

The Keuffel & Esser company of St. Louis, employs a woman whose business it is to fool spiders into giving away their supply of web. Spiders are furnished her by the neighborhood childrenat a very low price. Taking advantage of the fact that spiders naturally hunt a corner, she has arranged a corner on a of the fact that spiders naturally hunt a corner, she has arranged a corner on a table in her laboratory. When the spider is turned loose and starts for the corner he has to hop over a spindle which catches the end of his web. As he proceeds, the lady in charge winds up his web. As high as 30 feet of spider "hair" has been taken from a spider in one piece and this is considered a good joke on the spider.

#### Cat Found a Snake

Tom is my big yellow cat. He will sit up to ask for his milk when he is hungry and will say please as plainly as he can. One day Tom found a snake and was trying to kill it when one of my brothers came up and killed it for him. Tom thought the snake was still alive and it was funny to watch him spit and growl at the snake. He would stand very stiff and then jump up in the air and spit at the snake. I have a pet bird, too. The most wonderful thing he can do is to whistle just as my brothers do. Every time he hears them he begins to whistle.

Curtis, Okla.

Mattie Birdseye.

#### Ann Goes Riding

I am a little girl 7 years old and go to school every day. My pets are two cats and a White Wyandotte hen. One cat's name is Ann. We named her that cat's name is Ann. We named her that because when she was a little kitten her mother used to go out hunting and coming back around the corner of the house would call "Ma-ri-a Ann, Ma-ri-a Ann," She knows her name well and comes running to me when I call her and jumps on my shoulders or in my arms. She is a pretty blue kitty with white feet and I take her riding in my doll buggy. My other cat is gray and when I get joyable.

The game, "Pleased or Displeased," be rough folks. Gather into a circle, with the exception of one who is "it." "It" starts with a certain person in the ring sav. If the person in the ring sav. When she is hungry she comes and picks my dress, says "Crake, crake," meaning corn. She comes slipping into the house every chance she gets. Last summer she laid her eggs in a box on the porch. R. 4, Leavenworth, Kan.



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Rayo Incubator Co., U. D. Sta., 1030, Omaha, Nobr.



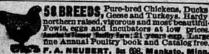


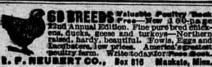
UEEN INCUBATORS Alfred Cramer, Morrison, Mo., says: "I have rated about ten other incubators and the Queen cuprior to any of them." S. L. Todd, Green est, Ark., says: I have tried six other manes, high and low priced, and the Queen is the tincubator I ever saw." Book Free



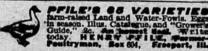












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### It Pays to Treat Hens Well

If the Houses are Well Ventilated and Comfortable there Should be Little Trouble from Colds .

To obtain good results from a flock of poultry during the winter all houses and coops should be put in good condition, only healthy fowls placed in the buildings, and good care given to the poultry. The houses should be cleaned thoroughly, disinfected, and made tight floor, it is well to remove 3 or 4 inches from the top and substitute fresh gravel or sand. If the floor is coment or wood, remove all litter and dirt and put in 4 or 5 inches of fresh straw or litter. Be sure that there is no chance for a direct to strike the hens. If hens roost or are placed in a draft during the winter, colds are sure to develop, which may result in roup and other troubles. The south side, or front, of the pantbry house may be left comparatively open, but should be under control, so that the weather becomes cold. Have muslin curtains in the front of the house, or leave a window partly open even on the coldest rights to allow some ventilation in a draft during the winter. a window partly open even on the coldest nights to allow some ventilation in the house. Fowls will stand considerable cold air provided it is dry, and ventilation will be the cold air provided it is dry, and ventilation will be the cold air provided it is dry, and ventilation will be the cold air provided it is dry, and ventilation will be the cold air provided it is dry, and ventilation will be the cold air provided it is dry, and ventilation will be the cold air provided it is dry, and ventilation will be the cold air provided it is dry, and ventilation will be the cold air provided it is dry, and ventilation will be the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ventilation in the cold air provided it is dry, and ai tion will keep the air thoroughly ary in the house.

Cull Out the Poor Ones.

The pullets should be brought in off the range and put in winter quarters, but before they are mixed with the older fowls be sure that the hens are banded or that the web of the foot is punched in some way so as to distinguish be-tween the pullets and the hens. In this way the older stock may be culled out whenever it appears desirable, and the young hens kept for further laying. Cull the chickens which are brought into the laying house, and fatten and market all chickens which are small, poorly developed, or in poor condition. These small, poorly developed chickens are apt to catch cold if put in with the other ponitry, and develop diseases which quickly spread through the flock. Market all surplus cockerels or older male birds which are not desired for breeding or not wanted for a later market.

Lasted from November 1 to June 1.

The hens in pen two, given only the regular feed, produced 800 eggs; those in pen one, given beef scraps, produced 1518 eggs, and these in pen fince, fed sour milk, produced 1425 eggs. The hens in pen one sate 222 pounds and fines in pen two 944 pounds and fines in pen two 944 pounds and fines in pen fince 856 pounds.

The amount of beef scraps fed to the dickens in pen ane was 60 pounds, costing \$1.80. These hens produced 778 more eggs than the chickens fed only the regular ration. In other words, these young hens kept for further laying. Call the chickens which are brought into the

Feed Grain in Litter.

Feed the grain in a deep litter on the floor and make the hens exercise for all of their grain. The mash may be fed either wet or dry, and should be so reg-ulated that the fowls will get about equal parts of mash and of the scratch grains. It is necessary to give the fowls grains. It is necessary to give the fowls plenty to eat to get good results, but the birds always should be eager for each feed. In cold weather feed about one-third of the scratch grains in the morn-ing and two-thirds at night. In this way feed. In cold weather feed about one-third of the scratch grains in the morning and two-thirds at night. In this way the hens are forced to exercise more than if they receive all the grain they desire at the morning feed. Scratch grains, animal protein, agreen feed, grit and shell should be supplied in the winter. A good scratch mixture may be made of equal parts, by weight, of cracked corn, wheat, and oats; and a mash may be made of 2 parts should be scalded or disinfected at least cornmeal and 1 part each of wheat bran, once a week during the summer and weight, of cracked corn, wheat, and oats; and a mash may be made of 2 parts cornmeal and 1 part each of wheat bran, wheat middlings, and beef scrap. Green feed, such as cabbages, mangel wurzel beets, cut alfalfa, or sprouted oats, should be supplied to replace the green feed which the fowls have been getting in the fields; and beef scrap, skimmilk, cut green bone, or some similar feed is needed to replace the bugs which the needed to replace the bugs which the fowls have been getting on the range. Beef scrap or feed of this nature is very essential in getting a good supply of eggs during the winter months.

once a week, and apray the roosts with poultryman himself. kerosene or some commercial preparation for killing mites once a month during the winter. Have a good supply of sand or dry dirt on hand to use on the dropping boards during the winter. boards during the winter.

If any of the birds develop colds, put as much potassium permanganate as will remain on the surface of a flime into a gallon of water and keep this mixture in their drinking water for several days, or until the symptoms of the colds have disappeared. Remove any sick birds from the flock as soon as they are noted to disappeared. Remove any sick birds Roup has no terrors for the poultry from the flock as soon as they are noted owner who nees Chrikey's Roup Remedy. and treat them in coops by themselves, 50c. Conkey Co., Cleveland.

which is high in protein value—such as beef scraps or sour milk. Mr. Kempster, of the University of Missouri, recently conducted an experiment which he believes proves conclusively that protein food produces greater results at lower costs.

lower costs.

Chickens were kept in three separate pens. All were fed corn all of the time, wheat part of the time, and in addition ground grain rations of hran, middlings, and corn meal. Besides this regular feed for the chickens in all three pens, those in pen one were fed beef smaps, and those in pen three were given all the sour milk they wanted. The hens were about the same age. The experiment lasted from November 1 to June 1.

regular ration. In other words, these chickens produced 708 additional eggs on feed which cost but \$1.80 more than the regular ration. The hens fed sour milk produced nearly as many eggs those fed the beef scrap ration.

#### nall Flocks Are the Best

BY DR. C. R. WATSON. Miller, Neb.

wheat middlings, and beef scrap. Green feed, such as cabbages, mangel wurzel beets, cut alfalfa, or sprouted oats, should be supplied to replace the green feed which the fowls have been getting in the fields; and beef scrap, skimmilk, cut green bone, or some similar feed is needed to replace the bugs which the fowls have been getting on the range. Beef scrap or feed of this nature is very essential in getting a good supply of eggs during the winter months.

Keep Them Free from Mites.

Clean the dropping boards at least once a week during the summer and twice a month during winter months. Should not be used in the breeding pen, as this is often the cause of lowered vitality. Mistreatment, anglect, impure water, bad feed, lack of exercise and poorly ventilated houses cause thirds, even of strong, sound constitution, to break down. The use of immeture and inferior breeding stock often gives opportunity for disease to get a good footheld in your flock. All of these things can be prevented, and ordinarily, if birds become acriously ill, it is because of the neglect or inexperience on the part of the poultryman himself. once a week during the summer and

#### Which End?

A man making a call at a house was stopped by a fierce looking dog at the gate. The owner of the dog came to his rescue and said, "Why don't you come in? Don't you see the dog is wagging his tail?" "Sure, I do, and he's growing, too, and I don't know which end to believe."

#### Why Cream Tests Vary

BY J. M. FULLER.

Patrons of creamery or of cream station sometimes complain that the tests of their cream vary from week to week. They assume that the man who does the testing either does not know how to test or else is not reporting the true tests. Both conditions are possible. As a matter of fact, however, a separator may deliver cream that varies considerably in test from one day to another. Several deliver cream that varies considerably in test from one day to another. Several factors govern the richness of cream delivered by a separator, and unless those factors are the same from day to day the test is bound to vary.

One of the important factors in influencing the cream test is the speed of separator. The manufacturer of a separator has determined the speed at which it should be turned to get best results.

arator has determined the speed at which it should be turned to get best results. If the speed of the bowl is 5,000 times a minute, and the handle is to be turned 50 times a minute, then the bowl turns 100 times at every turn of the handle. If, instead of turning 50 times, the handle is turned 60 times, then the speed of the bowl is increased 1,000 times a minute, or 20 per cent over what it should be or 20 per cent over what it should be. This increase has a direct influence on the richness of cream separated. Cream

the richness of cream separated. Cream testing as high as 60 per cent or as low as 15 per cent or 20 per cent may be obtained by varying the speed.

The rate at which the milk flows from the tank into the bowl has considerable influence in varying the cream test. If the inflow is very small, cream testing as high as 50 or 60 per cent may be obtained. If the inflow is too large, then cream testing as low as 15 per cent may be obtained. The float governs the inflow and always should be used.

Milk should be separated soon after it comes from the cow. This means that the temperature will be about 90 degrees, or somewhat above. If milk becomes cold, say 50 to 60 degrees, it separates with more difficulty. The cream will be richer and more butterfat will be lost in the skimmilk than if separated at 90 degrees.

degrees.

If a separator delivers 20 per cent cream from 3 per cent milk, then from 6 per cent milk it may be expected to deliver cream testing 35 per cent to 40 per cent. The milk from a herd of cows usually tests practically the same from day to day. If the herd is small, and two or three fresh cows are added, the average test for the herd will be lowered, especially if the other cows in the herd are advanced in their lactation period.

Once adjusted, the cream screw should not be a factor in causing a variation in

Once adjusted, the cream screw should not be a factor in causing a variation in the test. If for any reason it is turned, then a variation is sure to follow. A separator should deliver 35 to 40 per tent cream in summer and somewhat thinner, say from 30 to 35 per cent, in winter. winter.

The condition of the machine and the amount of flush water used may influence the cream test. If the separator is placed on a level, solid foundation, and is properly run and cared for there is properly run and cared for, there should be no trouble from this factor.

should be no trouble from this factor. Unless an unusual amount of flush water is used, this factor will have little influence in varying the test.

Unless the different factors that control the richness of cream are the same from day to day, the operator of a separator should not expect to have his cream test the same each time. Knowing these factors, the operator will be able to understand why the cream test varies and will better be able to control these variations.

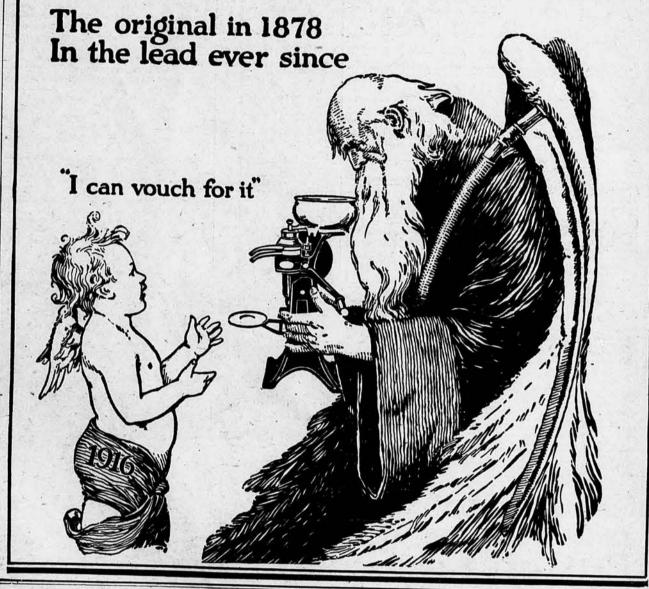
#### Ayrshire Breeders' Meeting

The forty-first annual meeting of the Ayrshire Breeders' association will be held at Hotel Adelphia, Chestnut and Thirteenth streets, Philadelphia, Pa., Thursday, January 13, 1916, at 2 o'clock p. m., to hear reports of the secretary, treasurer and executive committee and to elect officers for the year. to elect officers for the year. All persons interested in the breeding of Ayrsons interested in the breeding of Ayrahire cattle are asked to attend this meeting. The association cordially invites all members to a banquet to be given by the association in the evening after the meeting.

Kansas needs to give more attention to the legumes. These crops help in con-serving soil fertility, and they do much to increase the opportunities in livestock

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### The Forester's Daughter

#### A Romance of the Forest Service in Colorado

BY HAMLIN GARLAND

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Wayland Nercross, son of a wealthy lumlorman in an eastern state, goes to Coloside in search of health. At Bear Tooth
le meets Berrie, the pretty daughter of
loseph McFarlane, forest supervisor, who
secomes his fellow passenger in the stage
souch for a day. Berrie is greeted by her
over, Cliff Belden, a cewbey, supposed to
be interested in a saloon at Meeker's Mill,
where Norcross is bound. There is a rough berman in an eastern state, goes to Celo-rado in search of health. At Bear Tooth he meets Berrie, the pretty daughter of Joseph McFarlane, forest supervisor, who becomes his fellow passenger in the stage coach for a day. Berrie is greeted by her lover, Cliff Belden, a cowbey, supposed to be interested in a saloon at Mecker's Milli, where Norcross is bound. There is a rough element at Meeker's, and Norcross chooses Landon, the ranger, as his companion. Landon loves Berrie. Clift notices Berrie's interest in the tenderfoot and warns him away. He also takes his betrothed to task. She resents this and breaks their engagement. Nash, the ranger at Bear Tooth, gives Wayland points on forestry. Berrie's father offers him a place in the service. He and Norcross start through the mountains, accompanied by Berrie. They make camp when Wayland is nearly exhauste The supervisor goes after the horses which have wandered off. He is detained. Norcross arranges to sleep outside and Borrie inside a tent. The supervisor doesn't return. They break camp. Wayland is used up on the trail. They reach the empty cabin of Tony, a ranger. Next day Mr. Moore, a lumberman, his daughter Siens and a notorious gossip, Mrs. Belden, pass. Norcross admits he is the son of a weathylumberman. The amerylan returns and Norcross admits he is the son of a wealthy lumberman. The supervisor returns and realizes the delicate situation in which his daughter is placed. Berrie, Jealous of the Moore girl, decides to go home. After breakfast Berrie and Wayland start down the trail, and about 2 o'clock make camp and get dinner. Cliff hunts Norcross and knocks his rival senseless. Berrie thinks him dead. Seeing life returning she flings herself on Wayland, covering his face with kisses. Nash later comes upon them, heips arrange the camp and stays until morning. arrange the camp and stays until morning.
Again on the trail Wayland tells Berrie her love should be for Landen and not himself.
The two arrive home. Wayland, after a rest, regains his strength. The gossips start their talk about Berrie and Wayland. The supervisor returns and hears from Wayland that his father wants him. Wayland prom-ises to stay and combat the malicious talk.

A fight between men in the service brings on an investigation by the district forester. The supervisor sends his wife and daughter away with Wayland, who confesses his leve

#### A MATTER OF DRESS.

A MATTER OF DRESS.

\*\*CONTROL OF THE STATE O

'Not a word!" commanded Norcross,

In the railway coach Wayland tact-fully withdrew, leaving mother and daughter to discuss clothes undisturbed by his presence.

"We must look our best, honey," said Mrs. McFarlane. "We will go right to Mms. Crosby at Battle's, and she'll fit us out. I wish we had more time, but we haven't, so we must do the best we can."

"I want Wayland to choose my hat and traveling suit," replied Berrie. "Of course. But you've got to have



She Was So Transformed That He Was

silp aside her responsibility. "Tell the hostler"—
"Not a word!" commanded Norcross, and the girl, with a smile, submitted to his guidance, and thereafter his efficiency, his self possession, his tact delighted her. He persuaded the sullen landlady to get them supper. He secured the best rooms in the house and arranged for the care of the team.

Berrie was correspondingly less mass guiline. In drawing off her buckskindriving gloves she had put away the cowgirl and was silent, a little sad even in the midst of her enjoyment of his dictatorship. And when he said, "If my father reaches Denver in time I want you to meet him," she looked the dismay she feit.
"I'll do it, but I'm scared of him."
"You needn't be. I'll see him firet and draw his fire."

Mrs. McFarlane interposed. "We must do a little shopping first. We can't meet your father us we are."
"Very well. It is arranged. We get in, I find, about noon. We'll go straight to the biggest shop in town. If we work with speed we'll be able to lunch with my father. He'll be at the Palmer House at 1."

Berrie and nothing, either in acceptions, new relationships, and when his the hall he took her face between his hands and said, "Cheer up! All is not lost!" she put her arms about his breast to hide her cheek against his breast to hide her rears. "Oh, Wayland, Fm such an idlot in the cityl I'm affraid your father will despise me."

She wooke to a new life next morn.

She wooke to a new life next morn.

She wooke to a new life next morn.

The supperdote Embrace Her.

And drawing off her buckskinder was concerned to him."

"You she put her arms about his breast to hide her cheek against his breast to hide her

ence of hats and gloves they would regain their customary cheer.

In this he was largely justified. They had a delightful hour trying on millinery and coats and gloves.

Silent, blushing, tousled by the hands of her decorators, Berrie permitted hats to be perched on her head and jackets buttoned and unbuttoned about her shoulders till she felt like a worn lathes horse. Wayland beamed with jackets buttoned and unbuttoned about her shoulders till she felt like a worn clothes horse. Wayland beamed with delight, but she was far less satisfied than he, and when at last selection was made she still had her doubts, not of the clothes, but of her ability to wear them. They seemed so allen to her, so restrictive and enslaving. "You're an easy fitter," said the saleswoman. "But"—here she lowered her voice—"you need a new corset. This old one is out of date. Nobedy is wearing hips now."

old one is out of date. Nobody is wearing hips now."

Thereupon Berrie meekly permitted herself to be led away to a torture room. Wayland waited patiently, and when she reappeared all traces of Bear Tooth forest had vanished. In a neat tailored suit and a very chic hat, with shoes, gloves and stockings to match, she was so transformed, so charmingly girlish in her self conscious glory, that he was tempted to embrace her in the presence of the saleswoman. But he dodn't. He merely said: "I see the governor's finish. Let's go to lunch. You are stunning!"

"I don't know myself," responded

are stunning!"

"I don't know myself," responded Berrie. "The only thing that feels natural is my-hand. They cinched me so tight I can't eat a thing, and my shoes hurt." She laughed as she said this, for her use of the vernacular was conscious. "I'm a fraud. Your father will spot my brand first shot. Look at my face—red as a saddle!"

"Don't let that trouble you. This is the time of year when tan is fashionable. Don't you be afraid of the governor. Just smile at him, give him your grip, and he'll melt."

"I'm the one to melt. I'm beginning

"I'm the one to melt. I'm beginning

now."

Notwithstanding his confident advice Wayland led the two silent and inwardly dismayed women into the showy cafe of the hotel with some degree of personal apprehension concerning the aproaching interview with his father. Of course he did not permit this to appear in the slightest degree.

this to appear in the slightest degree. It pleased him to observe the admiring glances which were turned upon Berrie, whose hat became her mightily, and, leaning over, he said in a low voice to Mrs. McFarlane: "Who is the lovely young lady opposite? Won't you introduce me?"

This little play being over, he said, "Now, while our order is coming I'll run out to the desk and see if the governor has come in or not."

Wayland returned with an increase of tension in his face.

"He's here! I've sent word saying

of tension in his face.

"He's here! I've sent word saying I am lunching in the cafe with ladies.' I think he'll come round. But don't be afraid of him. He's a good deal rougher on the outside than he is at heart. Of course he's a bluff old business man and not at all pretty, and he'll transfix you with a kind of estimating glare as if you were a tree, but he's actually very easy to manage if you know how to handle him. Now, I'm not going to try to explain everything to him at the beginning. I'm going to introduce him to you in a casual kind of way and give him time to take to you both. He forms his likes and dislikes very quickly."

"What if he doesn't like us?" inquired Berrie, with troubled brow.

"He can't help it." His tone was so positive that her eyes misted with happiness. "But here comes our food. I hope you aren't too nervous to eat.

"Here he is!"

Mrs. McFarlane could not see the newcomer from where she sat, but Berrie rose in great excitement as a heavy set, full faced man with short, gray mustache and high, smooth brow entered the room. He did not smile as he greeted his son, and his penetrating glance questioned even before he spoke. Tise to meet her, but she did not country what's all this? How do you happen to be here? Who are these women?

Wayland went back to the women with an air of victory. "He wants to see you, Berrie. He's mellowing. Don't be afraid of him."

She might have resented the father's lack of gallantry, but she did not. On the contrary, she rose and walked resolutely over to where he sat, quite ready to defend herself. He did not count that against him, for there was nothing essentially rude in his manner. He was merely her elder and inert.

"Sit down," he said, not unkindly. "I want to have you tell me about my son. He has been telling me all about you. Now let's to the women with an air of victory. "He wants to see you, Berrie. He's mellowing. Don't be afraid of him."

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Wayland said: "Mrs. McFarlane, this is my father. Father, this is Miss is my father. Father, this is Miss is my father. Father, this is Miss Berea McFarlane of Bear Tooth Springs."

The elder Norcross shook hands with Mrs. McFarlane politely, coldly, but he betrayed surprise as Berea took his betrayed surprise as Berea took his eight nave resented the fathers lack of gallantry, but she did not. On the contrary, she rose and walked resolutely over to where he sat, quite ready to defend herself. He did not count that against him, for there was nothing essentially rude in his manner. He was merely her elder and inert.

"Sit down," he said, not unkindly. "I want to have you tell me about my son. He has been telling me all about you. Now, let's have your side of the eyes as steady as his own. "Where shall I begin?" she bluntly challenged.

ought to look. I needn't ask now you are feeling."

"You needn't, but you may. I'm feeling like a new fiddle, barring a bruise at the back of my head, which makes a 'hard hat' a burden. I may as well tell you first off that Mrs. McFariane is the wife of the forest supervisor at Bear Tooth, and Miss Berea is the able assistant of her father. We are all rank conservationists."

assistant of her father. We are all rank conservationists."

Norcross senior examined Berrie precisely as if his eyes were a couple of X ray tubes, and as she flushed under his slow scrutiny he said, "I was not expecting to find the forest service in such hands."

Wayland laughed.
"I hope you didn't mash his fingers, Berrie."

Berrie.

She smiled guiltily. I'm afraid I did. I hope I didn't hurt you—sometimes I forget." did. Norcross senior was waking up. "You have a most extraordinary grip. What did it—piano practice?"

Wayland grinned. "Piano! No—the

cinch.

"The what?"
Wayland explained, "Miss McFarlane was brought up on a ranch. She can rope and tie a steer, saddle her own horse, pack an outfit and all the rest of it."
"Oh! Kind of cowgirl, eh?"
Mrs. McFarlane, eager to put Berrie's better part forward, explained: "She's our only child, Mr. Norcross, and as such has been a constant compan-

"She's our only child, Mr. Norcross, and as such has been a constant companion to her father. She's not all cowhand. She's been to school, and she can cook and sew as well."

"Mrs. McFarlane comes from an old Kentucky family, father. Her grandfather helped to found a college down there."

Wayland's anxious desire to create a favorable impression of the women did not escape the lumberman, but his face remained quite expressionless as he replied:

face remained quite expressionless as he replied:

"If the life of a cowhand would give you the vigor this young lady appears to possess I'm not sure but you'd better stick to it."

Wayland and the two women exchanged glances of relief.

"Why not tell him now?" they seemed to ask. But he said: "There's a long story to tell before we decide on my career. Let's finish our lunch. How is mother, and how are the girls?"

#### THE PRIVATE CAR.

NCE, in the midst of a lame purcoss again fixed his eyes on Berea, saying, "I wish my girls had your weight and color." He paused a moment, then resumed with weary inflection: "Mrs. Norcross has always been delicate, and all her children—even her son—take after her. I've main her son—take after her. I've maintained a private and very expensive hospital for nearly thirty years."

This regretful note in his father's voice gave Wayland confidence. His spirits rose,

"Come, let's adjourn to the parlor

thing to him at the beginning. I'm going to introduce him to you in a casual kind of way and give him time to take to you both. He forms his likes and dislikes very quickly."

"What if he doesn't like us?" inquired Berrie, with troubled brow.

"He can't help it." His tone was so positive that her eyes misted with happiness. "But here comes our food. I hope you aren't too nervous to eat. Here is where I shine as provider. This is the kind of camp fare I can recommend."

Berrie's healthy appetite rose above her apprehension, and she ate with the keen enjoyment of a. child, and her mother said, "It surely is a treat to mother said," It surely is a treat to mother said, "It surely is a treat to sure the mountains in a box if Berrie had not intervened. She's a noble girl, father, and is foolish enough to like me, and I'm going to marry her and talk things over at our ease."

They all followed him, and after they all followed him, and after showing the mother and daughter to their seats near a window, he drew his father into a corner, and in rapid undertone related the story of his first meeting with Berrie, and in rapid undertone related the story of his first meeting with Berrie, and in rapid undertone related the story of his first meeting with Berrie, and talk things over at our ease."

They all followed him, and talk things over at our ease."

They all followed him, and talk thi

NOTE: Even after its experience of nearly a century, Case is not vertisements unless based on the very latest authoritative information rise of messages to farmers, prepared after visiting tractor demonstrated farmers, and carrying on a national investigation through out by mail to find the gas tractor moods of the farmers.





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by specialists who know the problems of farm tractors." Then the Country Gentleman warns farmers from investing in tractors hurried to the market by companies which lack experience in this or the farm implement field. all the light tractors on the market are practical," it says.

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most decided.

His voice was slightly cynical as he went on. "But you were tolerably sure about that other fellow—that rancher with the fancy name—weren't you?" She flushed at this, but waited for him to go on. "Don't you think it possible that your fancy for Wayland is also temporary?"

temporary?"
"No, sir!" she bravely declared. "I
never felt toward any one the way I
do toward Wayland. He's different. I
shall never charge toward him."

tone, her expression of eyes stopped this line of inquiry. He took up another. "Now, my dear young lady, I am a business man as well as a fa-I am a business man as well as a father, and the marriage of my son is a weighty matter. He is my main dependence. I am hoping to have him take up and carry on my business. To be quite candid, I didn't expect him to select his wife from a Colorado ranch. I considered him out of the danger zone. I have always understood that women were scarce in the mountains. Now don't misunderstand me. I'm not one of those fools who are always trying to marry their sons and daughters into the ranks of the idle rich. I don't care a hang about social position, and I've got money enough for my son and my son's wife. But he's all the boy I have, and I don't want him to make a mistake."

"I'm just playing a part today—for you."

"No, no. You've said goodby to the cinch. I can see that. You're on the road to opera boxes and limousines. What is your plan? What would you advise Wayland to do if you knew I was hard against his marrying you?

"Wes, I'm going to ask my father to "Yes, I'm going to ask my father to

want him to make a mistake."

"Neither do I," she answered simply, her eyes suffused with tears. "If I thought he would be sorry"—

He interrupted again. "Oh, you can't tell that now! Any marriage is a risk. I don't say he's making a mistake in tell that now! Any marriage is a risk. I don't say he's making a mistake in selecting you. You may be just the woman he needs. Only I want to be consulted. I want to know more about you. He tells me you have taken an active part in the management of the ranch and the forest. Is that true?"

"I've always worked with my father—yes. sir."

-yes, sir."
"You like that kind of life?"

"You like that kind of life?"
"I don't know much about any other kind. Yes, I like it. But I've had enough of it. I'm willing to change."
"Well, how about city life—house-keeping and all that?"

"So long as I am with Wayland I shan't mind what I do or where I

"At the same time you figure he's going to have a large income, I sup-pose? He's told you of his rich father, hasn't he?"

Berrie's tone was a shade resentful of his insinuation. "He has never said much about his family one way or an-other. He only said you wanted him to go into business in Chicago and that he wanted to do something else. Of course I could see by his ways and the clothes he wore that he'd been brought up in what we'd call luxury, but we never inquired into his affairs."

"And you didn't care?"

"Yell not that evently. But money

"And you didn't care?"
"Well, not that exactly. But money don't count for as much with us in the valley as it does in the east. Wayland seemed so kind of sick and lonesome, and I felt sorry for him the first time I saw him. I felt like mothering him. And then his way of talking, of looking at things, was so new and beautiful to me I couldn't help caring for him. I had never met any one like him. I thought he was a "lunger"—
"A what?"

for him. I had never met any one like him. I thought he was a 'lunger'"—

"A what?"

"A consumptive. That is, I did at first. And it bothered me. It seemed terrible that any one so fine should be condemned like that, and so I did all I could to help him, to make him happy. I thought he hadn't long to live. Everything he said and did was wonderful to me, like poetry and music. And then when he began to grow stronger and I saw that he was going to get well, and Cliff went on the rampage and showed the yellow streak and I gave him back his ring—I didn't know even then how much Wayland meant to me. But on our trip over the range I understood. He meant everything to me. He made Cliff seem like a savage, and I wanted him to know it. I'm not ashamed of loving him. I want to make him happy, and if he wishes me to be his wife I'll go anywhere he says—only I think he should stay out here till he gets entirely, well."

The old man's eyes softened during her plea, and at its close a slight smile moved the corners of his mouth. "You've thought it all out, I see. Your

noved corners of his mouth. "You've thought it all out, I see. Your mind is clear and your conscience easy. Well, I like your spirit. I guess he's right. The decision is up to you. But if he takes you and stays in Colorado If he takes you and stays in Colorado he can't expect me to share the profits of my business with him, can he? He'll have to make his own way." He rose and held out his hand. "However, I'm persuaded he's in good hands." She took his hand, not knowing just what to reply. He examined her fingers with intent gaze.

"I didn't know any woman could have such a grip." He thoughtfully took her biceps in his left hand. "You are magnificent." Then in ironical protest he added: "Good Good, not I can't have

magnificent." Then in ironical protest he added: "Good God, no! I can't have

She laughed. "No. Most of them pride themselves on not being horsewomen. Mighty few of 'em ever ride a horse. I'm a kind of a tomboy to them."

"I'm sorry to hear that. It's the same old story. I suppose they'd all like to live in the city and wear low necked gowns and high heeled shoes. No, I can't consent to your marriage with my son. I must save you from corruption. Go back to the ranch. I can see already signs of your deterioration. Except for your color and that grip you look like upper Broadway."

She flushed redly, conscious of her new corset, her silk stockings and her pinching shoes. "It's all on the outside," she declared. "Under this toggery I'm the same old trailer. It don't take long to get rid of these things, I'm just playing a part today—for "I'm sorry to hear that. It's the same

these things?"

"Yes, I'm going to ask my father to buy a ranch near here, where mother can have more of the comforts of life, and where we can all live together till Wayland is able to stand city life again. Then, if you want him to go east, I will go with him."

They had moved slowly back toward the others, and as Wayland came to meet them Norcross said, with dry humor: "I admire your lady of the cinch hand. She seems to be a person of

hand. hand. She seems to be a person of singular good nature and most uncom-mon shrewd"—

singular good nature and most uncommon shrewd"—

Wayland, interrupting, caught at his father's hand and wrung it frenziedly. "I'm glad"—

"Here! Here!" A look of pain covered the father's face. "That's the fist she put in the press."

They all laughed, and then he gravely resumed: "I say I admire her, but it's a shame to ask such a girl to marry an invalid like you. Furthermore, I won't have her taken east. She'd bleach out and lose that grip in a year. I won't have her contaminated by the city." He mused deeply while looking at his son. "Would life on a wheat ranch, accessible to this hotel by motorcar, be endurable to you"

"You mean with Berea?"

"If she'll go. Mind you, I don't advise her to do it," he added, interrupting his son's outcry. "I think she's taking all the chances." He turned to Mrs. McFarlane. "I'm old fashioned in my notions of marriage, Mrs. McFarlane. I grew up when women were helpmates, such as, I judge, you've been. Of course it's all guesswork to me at the moment, but I have an impression that my son has fallen into an unusual run of luck. As I understand it, you're all out for a pleasure trip. Now, my private car is over in the yards, and I suggest you all come along with me to California"—

"Governor, you're a wonder!" excleaimed Wayland.

"That'll give us time to get better acquainted, and if we all like one another just as well when we get back—well, we'll buy the best farm in the North Platte, and"—

"It's a cinch we get that ranch!" interrupted Wayland, with a triumphant glance at Berge.

"It's a cinch we get that ranch!" interrupted Wayland, with a triumphant glance at Berea.
"Don't be so sure of it," replied the lumberman. "A private car, like a yacht, is a terrible test of friendship." But his warning held no terrors for the young lovers. They had entered upon certainties.

THE END.

THE END.

#### Profit in Feeding Sheep

The recent sheep and dog bulletin is-sued by the state board of agriculture focused attention on the sad neglect of the sheep industry in Kansas, and has brought forth many interesting com-ments and suggestions.

One correspondent. J. C. Swift of Kansas City, has written that there has been quite a successful sheep feeding industry developed in many other states by utilizing the screenings at the big mills, and some of the refuse wheat. He be profitably developed in Kansas, adding that in his judgment, "There is no field of the livestock industry at the present time that offers as good chance of fair profit, with the largest possible measure of benefit to farm property, as digging out. A strip of wire fencing does the handling of sheep." Mr. Swift also must be laid on top of the enclosalso suggests that the active co-operation of the stockyards company may be Skunks are omnivorous. They eat

general tendency to encourage the sheep industry is worthy of serious consideration, and it is possible the feature to which Mr. Swift invites attention may be profitably developed in Kansas.

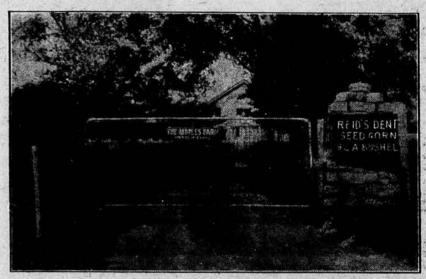
"He wants to marry you. Now, it seems to me that seven weeks is very short acquaintance for a decision like that. Are you sure you want him?"
"Yes, sir; I am." Her answer was most decided.

His voice was slightly cynical as her than the same of the seems to me that seven weeks is very short acquaintance for a decision like that the girls out in the valley like you'll want to marry you. Now, it seems to me that seven weeks is very short acquaintance for a decision like the girls out in the valley like you'll make counted on in promoting this industry bread and milk, stale eggs, meat, sweet corn, and other vegetables and table strain the girls out in the valley like you'll make counted on in promoting this industry bread and milk, stale eggs, meat, sweet to make the series of my wife and daughters.

It would be well for those who are equipped to feed sheep to look into the proposition. Any movement having a died eggs and scraps of meat from the proposition. Any movement having a general tendency to encourage the sheep tels and butcher shops and it costs little to feed them. One successful skunk farmer gets candled eggs and scraps of meat from hotels and butcher shops and it costs him nothing but the expense of hauling the stuff out to his farm a mile away. He says he can raise a skunk at about the cost of raising a chicken.

Farm Advertising Pays Well

Excellent results can be obtained from farm advertising as a rule; it pays to let the travelers who go by one's farm produced, coming in May, and there are



Roadside Advertising for Seed Corn Pays Well, and it Will Be Used More

There is a considerable effort being made along this line this year in some of the leading corn growing communities in Kansas. The state produced a better corn crop than usual, and there is a great deal of excellent seed in the state. state. state. The growers who have tried this out have found that roadside advertising for corn pays well.

#### Corn Fodder and Snow

There are few jobs that are more disaverage farm than agreeable on the hauling corn fodder on snowy mornings, or when it is frozen down by the snow. That is the time, if ever, that a man wishes that he had a silo, and had the feed where he did not have to go out into the fields after it.

This dread of the disagreeable features connected with hauling corn fodder and snow has done much to boost silo building in Kansas. If the state can continue to build silos at the rate of

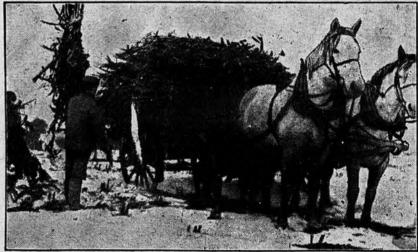
know about the products for sale. This from four to eight in a litter. At the is getting publicity in the cheapest possible way.

There is a considerable effort being made along this line this year in some harmless as kittens and there is no more odor about the farm than in a calf pasture. Express companies will not re-ceive them for shipment unless the scent sacks have been removed. There are two skunk farms within 40

rods of each other in the corporate limits of the city of Norwalk, Ohio, each of which is now carrying about 300 skunks. This season's sales have been poor. Both these skunk farmers tell me that their principal source of profit comes from sales of breeders to those who want to start in the business. It who want to start in the business. It has been found that the fur of animals raised in confinement is of inferior quality. In fact the fur of skunks grown in confinement is so poor that it would not pay at all to raise them for the fur alone. As breeders black skunks have been sold as high as \$30 a pair.

There are regular skunk brokers doing business in Chicago who buy skunks of the growers and sell to those who

of the growers and sell to those who



Hauling Corn Fodder and Snow on a Farm in Eastern Kansas. It Pays to Have a Silo and Thus Avoid This.

eight a day, as it has been doing, this disagreeable work will be decreased markedly in the future.

#### Skunk Farms in Ohio

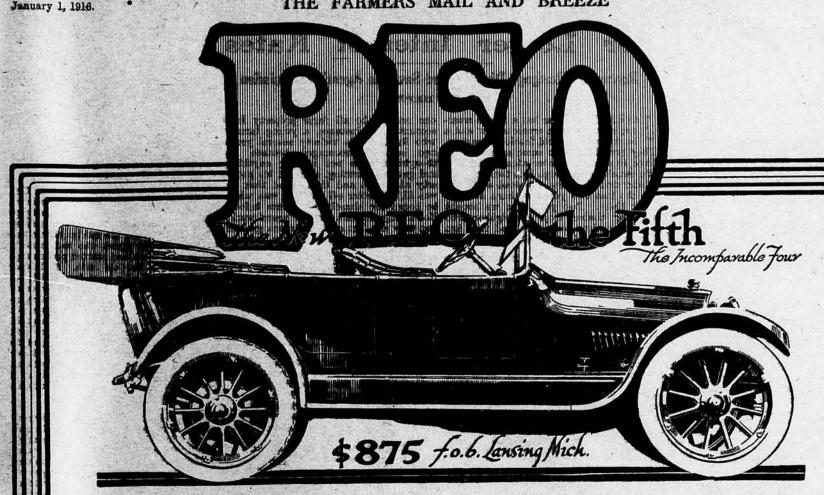
In some localities in Ohio skunk farming has become quite an industry. principal expense is the chicken wire en-closure. This has to be sunk in the ground 18 inches to prevent the skunks'

wish to start raising fur. There has not been much demand for breeders this seabeen much demand for breeders this season on account of the war, but quite likely when people learn that skunks cannot be raised at a profit for the fur alone the boom will drop out of the business. It is somewhat like ginseng growing—people who go into it "never are but always to be blest."

E. P. Snyder

E. P. Snyder. Huron county, Ohio.

Livestock, a permanent agriculture and prosperity go together. Grain farming and poverty also usually are found in the same community.



# Reo Quality Is Uniform—Every Reo Car Is a Good Car

YOUR REO MOTOR—the motor that will go into your Reo—into every Reo car—is dynamometer tested. Perhaps you don't catch the full significance of that statement—sounds like "shop talk" to you.

ALL RIGHT, WE'LL EXPLAIN: And in the explanation perhaps we can show you why Reo quality is uniform—why every Reo is just as good—just as powerful, just as sweet-running and just as low in upkeep cost as the best Reo we ever made.

MOST MAKERS CONSIDER it sufficient to subject every tenth or every fifteenth and in some cases every one-hundredth motor to the dynamometer test. (Of course we are speaking now of those leading makers who have this expensive equipment. Many scarcely know the meaning of the term.) It is considered sufficient gauge of the accuracy of workmanship and the power of motor to test one "about every so often."

IF THAT ONE PROVES UP it is assumed that the rest of that day's run will average about the same. If it falls below the requirements in the test it is in like manner assumed that the rest are below standard—and measures are taken to correct it in the next batch.

MEANTIME YOU MIGHT be one of those to get one of those that didn't prove up.

NO; WE REO FOLK do not consider that kind of testing sufficient. It isn't sufficient, for example, that the Reo we sell you "averages up." The Reo standard says your Reo must be as good in every respect as any Reo ever turned out of the factory—a little better if possible, since today's cars ought to be better than yesterday's.

AND SO YOU CAN KNOW—you can feel absolutely sure—that the individual car we deliver to you, has, itself and its every part, passed through the most rigid tests.

IF YOU COULD VISIT the big 30-acre Reo plant at Lansing, Michigan, and see the four rows of dynamometers with meters and other electrical equipment, you would exclaim, "What an expensive testing equipment!"

BUT WHEN YOU DRIVE YOUR Reo car you will appreciate the economy of a testing system that guarantees every buyer the utmost satisfaction for his money and makes you and every other Reo owner a booster for Reo.

IS YOUR ORDER IN the hands of your Reo dealer? If it isn't, you may be disappointed. Demand is tremendous, and only those who order well in advance can hope to get a Reo.

Reo Motor Car Company, Lansing, Michigan, U.S.A.



### **Read About This New Straw Spreader**

The Safest and Easiest Running Machine on the Market

#### VERY LOW PRICE

Every farmer in the wheat belt will be glad to know that the UNION FOUND-RY & MACHINE COMPANY, the ma-chinery division of the WARNER FENCE COMPANY, largest wire fence and gasoline engine manufacturers in the West, is now manufacturing and selling through local dealers in every town, a straw spreader that "beats 'em

This machine, which is called the PER-FECTION STRAW SPREADER, although it is also an A No. 1 manure spreader, is regarded by farmers and dealers as the "spreadingest" straw spreader ever made.

The design of the PERFECTION STRAW SPREADER does away with all of the objections found in old style machine.

machines. It works easily, instead of pulling hard. It is simple in construc-tion, instead of a great big cumbersome machine likely to get out of order. And above everything else, it is absolutely safe, because there are no exposed fastmoving parts to mangle the operator in case he should lose his footing and fall on the carrier, which is an easy thing to do on a moving load.



Scores of Kansas and Oklahoma farmers and dealers have tested this machine thoroughly during the past two years, and are unqualified in their statements that it is the lightest running and the best spreading machine on the market. It handles all kinds of dry straw, wet straw, stack bottoms or manure. You can easily cover 20 acres a day with a PERFECTION. It can be attached to any spreader bars or hay frame. No

special tools are required.

The illustration will give you a good idea of the mechanical design of the machine. Its first point of advantage machine. Its first point of advantage is that it spreads straw or manure over a greater distance than any other spreader with less horsepower. Dry straw can be spread 16 to 20 feet wide and wet straw and manure over a distance of from 30 to 40 feet, as desired. Notice that the carrier is 8 feet long and lays flat in the bottom of the wagon. The pull, therefore, is much lighter, two horses being all that are required to easily pull the load under ordinary conditions

Another distinct advantage that the PERFECTION enjoys over all other straw spreaders, is that the straw can be spread thick or thin at the operator's will. This is accomplished by simply raising or lowering the hopper. Some parts of your land need more straw than others, especially the knolls and the parts of the field that are inclined to wash or blow.

Don't think of buying either a manure spreader or a straw spreader until you see the PERFECTION. You will be surprised to see how much superior this machine is to all others. We want every farmer in the wheat belt to know about the DEPRECTION STRAW SPREADER. the PERFECTION STRAW SPREADER. If your dealer is not supplied, writteday, giving the dealer's name. will see that you are furnished complete information at once, and in addition send you a pleasing souvenir. We will also send you our new straw spreader book which contains complete information re-

# For Lower Interest Rates mortgages are to be found on file in the office of the register of deeds in every

### Renew the Mortgage Directly, and Save the Agent's Commission

BY H. C. HATCH

There is nothing else that will give Used in moderation in winter it is a fine tool. We find it handy to saw up the poles and bits of posts that accumulate around the farm. Such things usually contain more or less nails and staples and it will not do to put them on the pile to be worked up by the power saw.

For fuel in both heating and cook stoves we like to have coal, wood and cobs. With these three to burn we think we can keep the fire about right. For this reason we always keep wood on hand although if one were to figure the time he puts in chopping wood at \$1 a day he might find that coal at \$3.50 a ton was cheapest. But we are not looking after costs so closely as that; what we are after is satisfaction and we get that on a cold day when we have hard wood chunks to go along with the coal.

Speaking of the labor cost of anything on the farm being more than the price of a similar article, I am always reminded of a former neighbor who one season kept an account with his pigs and was astonished to find that, at town prices for his time, they were fast running him into bankruptcy. He charged the pigs up every day with so many visits at 10 cents each, so much for feed and slop and so much for the incidental expenses of the business. When I asked him if he wear't charges the him if he wasn't charging the pigs pretty high for their care he remarked that he couldn't get a job done in town which took the same length of time for less than 10 cents and that his time ought to be counted the same. It is needless to say that if the farmer charged his products up at that rate everyone of us would be bankrupt-on paper.

a number of years and think he is mak-ing no money because his bank account at still higher prices. does not increase and because he is at

AYHAWKER farm has a 2-man cross- one must take all farm property into JAYHAWKER farm has a 2-man cross- one must take all farm property into cut saw, a 1-man crosscut saw and a account. For instance, a young farmer buck saw of the old fashioned variety, who lived in this vicinity several years. They are all used to some extent as we ago became discouraged because he have 10 acres of timber along the creek, thought he was not making anything. We usually go through this timber every and gave up farming, sold out his propwinter and clean out the dead stuff but erty at a sale and then found that he for the last two years we have done no was \$1,100 better off than he was when for the last two years we have done no was \$1,100 better on than ne was when work there. Two years ago we bought he began for himself four years before, standing timber from a neighbor who Not a large amount for four years' work, wished to clear some land and that has you may say, but still it is much greater kept us in wood until this time.

> Yesterday we gathered 19 eggs, the product for the day of 140 hens. Our hens this year laid much later than usual in the summer and so put off moulting until a late date. For this reason they have been laying but few eggs for the last 40 days but they are now increasing

Cincinnati with \$400,000 a year revenue from its saloons is hard up. Its newspapers say that to keep within its appropriation one city department must cut its expenses \$800,000. This will leave no money to maintain the prisoners in the workhouse, the boys and girls on the correction farms, or the city infirmary. Booze more than anything else makes these institutions necessary but booze revenue comes far short as it revenue comes far short as it always has of paying the bill that the care of its victims saddles on to every saloon-rid-den community, not to mention that much larger, more oppres-sive burden of grief, misery and unhappiness with which it afflicts countless homes. And it was the vote of Cincinnati that prevented Ohio from be-coming a prohibition state this

A farmer can work at the business for used. Should January and February be

most times short of ready money. To It may not be known by all that the find whether or not there is a real gain names of the actual owners of farm

county in Kansas. If those who have mortgages coming due wish to renew directly with the actual owner without paying commission to local money dealers let them go to the register and get the address of the actual owner of the money and write him, telling him you would like to renew at the rate of interest he is now getting. In a good many cases at least 2 per cent a year will be saved by so doing.

The foregoing paragraph is not written as theory but from actual experience. Some years ago there was a mortgage on this farm on which we were paying 8 per cent. When the mortgage was due we went to the agent who had made it in the first place and started proceedings to renew at the old rate. A lawyer friend told us of a new law which re-quired the name of the actual owner of quired the name of the actual owner of the mortgage to be on file at the regis-ter's office and suggested that we get this name and write to see if we could not get better terms. We did so and found that this man was very glad to renew for another five years for 6 per cent, the amount he had been getting. Merely writing this letter saved us 2 per cent a year on \$2,000 for almost three years.

It is well known that most farmers who have money borrowed on their land who have money borrowed on their land are paying interest to two parties. Usually 6 per cent goes to the real owner of the money and this can be stopped at any interest payment date by paying the principal. But the second draft of interest, which usually is 2 per cent, is paid to the local handler of the money and this must be paid for the full five years even should the principal be paid at the end of one year. We also found this by experience a number of years at the end of one year. We also found this by experience a number of years ago. We had paid off part of a mortgage and supposed that by so doing we had stopped the payment of 8 per cent on the amount paid. But we found that we really had stopped only the 6 per cent which went to the eastern man. The 2 per cent commission had to be paid until the end of the five year period.

at the rate of three to five a day. At this time, December 17, local merchants it hard to get the name of an outside are paying 27 cents for eggs and there party with money to loan on farm mortis no indication of lower prices this winter unless mild weather continues. Eggs wanted the name of the party supplying in storage were in much greater supply the money will be right on file at the than usual in the United States at the register's office at any Kansas county herginging of winter but the last 30 days seat. I have gone into details regarding beginning of winter, but the last 30 days seat. I have gone into details regarding has seen 1 million cases withdrawn and this because I find that by far the largest used. Should January and February be part of the farmers who have mortgages wintry we may expect to see eggs sell do not know of this matter and so they go on renewing with local agents and paying a commission of from 1 to 2 per cent. I don't say that in every case a mortgage could be renewed by making a deal with the real money owner but the chances are that it could be. It was in our case, at least, and at scarcely any trouble and expense to us.

It may be of interest to some to know about this provision regarding the name of the real mortgage owner being on file at the county seat. Some 20 years ago O. O. Outcalt of Coffey county had a mortgage come due that he paid to the firm from which he herecare the mortgage. firm from which he borrowed the money, a loan company at St. Joseph, Mo. This company was in hard straits and kept the money, making no returns to the real eastern owner of it. After the failure of the loan company Mr. Outcalt was notified that his loan was past due and must be paid. He produced evidence to show that he had paid it to the loan company but despite this he was sued. After a long time in court it was finally decided that the Toan company was the agent of the eastern party, and that when Mr. Outcalt paid them he had done enough as the principal was held accountable for his agent's act. A year or two after this Mr. Outcalt was elected to the legislature and made it his special mission to get a law through putting the name of the actual morgage owner on file in the county in which the land lay. This law saved us \$40 a year for a number of years and no doubt has asked much for many other farmers.



#### A Good Sign

Willie and his mother were visiting a friend who had a pretty cat. The little boy was asked to pet it, but refused, saying: "The cat is mad and will bite. Cats is always mad when der stems stick up."

# M. W. SAVAGE WANTS TO GIVE YOU THIS NEW PICTURE

IN,-14 COLORS,-OF A

Three World Champion Stallions is on LARGE 22 by 28 Size, Extra Heavy, and Superfine Enamel Stock, Mailed in Extra Heavy Mailing Tube,—to Insure Safe Delivery, Free of Advertising and is Worthy to Hang in Any Home or Office, It is a Very Fine Horse Picture, I Want to Mail You One—Absolutely Free, Possage Prepaid, IF You Are a Stockowner Over 21 and Answer 3 Questions.
FIRST—In What Paper did you

Over 21 and Answer 3 Questions.
FIRST—In What Paper did you
Read this Free Picture Offer?
SECOND—How Many Horses,
Cattle, Sheep or Hogs do you own?
THIRD—Have you ever used
the World Famous, International
Stock Food Tonic, a Grain Saver
for Horses, Cattle, Sheep or Hogs? YOU MUST ANSWER THE 8 QUESTIONS

A. W. SAVAGE, Minneapolis, Minn.



Dan Patch 1:55, World Champion.

Minor Heir 1:58½ and Geo. Gano 2:02, Champion Team 2:02.

A BEAUTIFUL 22 BY 28 PICTURE OF THREE,—WORLD CHAMPION STALLIONS,—ABSOLUTELY FREE,—POSTAGE PREPAID.

utably FREE. You do Not have to buy goods,—You do believes he is offering you FREE, the Finest and Most Beautiful Not have to promise to buy any goods,—You do Not have to do any work and You do Not have to pay postage,—but these lions. Fine Original Colors Reproductions,—of Original and Spiendid, Art Pictures,—22 by 28,—in 14 Colors,—are mailed Exclusively Owned Paintings,—often Retail at \$3.00 to \$5.00.

22 by 28 PICTURE

WONDERFUL AND SENSATIONAL DAN PATCH RECORDS—THAT WILL PROBABLY NEVER BE EQUALLED IN YOUR LIFE TIME Some Horse may go as fast or faster but when will ANY HORSE do what Dan Patch has done,—and Every Day for over Fourteen Years,—Dan Patch,—has had International Stock Food Tonic-as also have My Other Stallions and 250 Brood Mares and Colts. DAN has paced One Mile in 1:55, One Mile in 1:55 ¼; Two Miles in 1:56, Three Miles in 1:56 ¼, Fourteen Miles averaging 1:56 ½, Thirty Miles averaging 1:57 ½, Forty-Five Miles averaging 1:58, Seventy-Five Miles averaging 1:59 ½, 120 Miles averaging 2:02 ½, 132 Miles averaging 2:04 ¾; Lowered World Records 14 Times, Mile Record, 1906 1:55, Half-mile track record 2:01. Mile Wagon record 1:57 ¼, Two Mile Record 4:17, Mile to high-wheel sulky 2:04 ¾; Half-Mile record :56. Half-Mile to wagon:58 ½, Half Mile on ½ Mile track:58 ½. Dan Patch Never lost a race. No Horse has Ever officially equalled Dan's 1:55 Record and he was Never hitched double to help pull him along with a running horse and NEVER went behind a wind shield. Dan Patch has Traveled over 100,000 Miles during his Speed Exhibitions. Over Two Million Farmers and Stockmen have Written Me for Pictures of Dan Patch 1:55,—and this is Indisputable Proof that he is the Most Popular Horse in All The World's History. Minor Heir and Geo. Gano,—are the Champion Team of the World,—with a Wagon Record of 2:02, and Geo. Gano is the Champion; Pacing Saddle Horse of the World,—with a Record of 2:10¾. Dan Patch 1:55,—has also proven to be one of the Greatest of Sires and has Over ONE HUNDRED OF HIS COLTS IN THE OFFICIAL LIST, 22 in 2:10 List and Is The ONLY STALLION in World's History,—to have Over 100 Colts in the Official List,—and being the Sire of only 158 Colts,—over two years old. ALL THREE STALLIONS,—are owned by M. W. Savage, Minneapolis, Minn.

#### 72 PIECE SET OF BEAUTIFUL.

My New and Special Set of 72 Beautiful, Genuine La Francaise Dishes—Absolutely Free,—with the specified Three Pails of International Stock Food Tonic,—on 9 Months Free Trial,—Entire Three Pails are to be used for Your Horses or Cattle, or Cows or Hogs,—Without Your Sending a Cent of Money. This Fine Set of 72 Dishes,—is Absolutely Free and At Once and Regardless of whether you Ever Remit for the International Stock Food Tonic or not. You are Never to remit for the Three Pails unless it can be used at the Extremely Low Using Cost.of.—3 FEEDS for ONE CENT,—and unless it gives More Strength, Health and Vigor and Saves 70 Bushels of Oats, per year, for Every Team you work. Unless it makes Each One of Your Cows give Two to Four Quarts,—More Milk Every Day. Unless it Makes Your Hogs, Shoats or Pigs,—Grow and Fatten Amazingly,—on Less Grain and in a Shorter Time and also Preventing Hog Cholera, by Increasing the Numbers and Vitality of Phagocytes in the Blood and these Destroy all Hog Cholera Germs that may enter the system. You are to be the Sole and Only Judge of Your Results,—and I agree to Accept Your Own Statement,—but the 72 Dishes are Yours,—Perfectly Free,—in either case. International Stock Food Tonic,—World Famous for over 26 Years as the Most Demandable, Blood Purifying Tonic and Aid to Digestion and Assimilation,—and the ONLY Preparation that can be used at the Extremely Low Cost of,—3 FEEDS for ONE CENT,—and Positively Guaranteed as to certain specified, big money making results. Over Two Million Farmers have proven that there are no strings tied to any Free Offer I ever make.

This Set of 72 Pieces of the Famous La Francaise Dishes,—is Pure White, Semi-Porcelain,—with Artistic, Royal Blue and Gold Decorations of Elegant and Exquisite Beauty,—just as produced in European Potteries,—for over One Hundred Years, under a Secret Process, but now made in America by one of the Largest Potteries in Charles Results and Exquisite Beauty,—such as I use in My Own Home and such as you will Highly Appreciate in Your Ho

Savage, Minneapolia, Minn.,—when requesting PICTURE,—for his,—ACGEPTANGE BLANK and also Beautiful, Color Illustrations and Compace Description DON'T DELAY or You may Miss this Extraordinary Opportunity of Securing a Big Set of Beautiful and Extra Quality Dishes,—without their Costing you Your Family,—always needs more dishes,—on account of Constant Accidental Breakage. I offer different Sets of Beautiful, Extra Quality Dish to have in her home. Let M. W. Savage Keep Your Home Supplied with all the Beautiful,—High Class Dishes you may need,—Absolutely Free. Don't pay out r ply you with the Famous La Française Dishes,—or Conventional Patterns,—without your paying me a Cent,—either at time of shipment or at any other time, you a Beautiful, High Quality, 25 Piece Set of Oneida Community Reliance Silver Ware,—the kind you read about in—Saturday Evening Post,—Ladies Hom

100 PIECE SET OF DISHES,—ABSOLUTELY FREE.

100 PIECE SET OF DISHES,—Absolutely Free.—for you if you will accept the speci

cified Four Pails of International Stock

42 PIECE SET OF DISHES,—ABSOLUTELY FREE.

I have a New and Special Set of 42 of the Beautiful and Genuine La Française Dishes, or other P. Stock Food Tonic,—on 9 Months Free Trial,—with the Same Conditions and the same Agreements as Decorations as the Larger Set described in My First Offer. Your Dishes Are Absolutely Free —Rese u, if you will accept the specified Two Pails of International t La Francaise Dishes, is Exactly the Same Quality and SPECIFIED Test of International Stock Food Tonic.

21 PIECE SET OF DISHES,—ABSOLUTELY FREE.

I have a New and Special Set of 2 offer. I can mail you A Splendid Color Engraving, showing Every One of these Dishes, so that you can see Each Dish in its Color Decorations and Know just what Kind of a Set you will Receive.

All My Free Premium Offers are Based on Fair and Square, Every Day, Practical, Profit Sharing Co-operation between Manufacturer and Consumers. I buy my Premiums at the Very Lowest Manufacturing Prices but I Save You the Big Retail Price. Ask Dealers About My 599 Free Premiums,—for SAVING LABELS from My 49 Different Package Preparations. They are the Greatest and Most Sensational, Profit Sharing,—Free Premium Offers in the World. EVERY LABEL Counts FULL FACE VALUE on 599 Free Premiums. YOU MUST WRITE FOR MY ACCEPTANCE BLANK FOR DISHES.

AN EXTRA,—ADDITIONAL \$15.00—ABSOLUTELY FREE.

Is My Agreement to Send You Free,—if you will accept ANY ONE of My 9 Months' Free Trial Offers on International Stock Food Tonic,—A \$15.00 Cash, DAN PATCH GOLD STOP WATCH CERTIFICATE—which has an Absolute Cash Value of \$15.00,—DO NOT SEND ME A CENT. You will be Delighted to carry my Beautiful, Gold Watch. My Certificate will be accepted at Any Time, from Any One,—as a \$15.00 Cash Payment, on My Dan Patch Gold Stop Watch. M. W. Savage is Sole Owner of Dan Patch Watch.

The Only Successful, High Grade, Regular Gold Watch and Gold Stop Watch,—Combined,—Ever Made in America.

YOUR WIFE WILL BE DELIGHTED WITH MY GENUINE LA FRANCAISE DISHES.

TO FILL

THIS

MILK PAIL

Health First

# Don't Raise Runts

### Top the Market With Your Hogs

Without a cent's cost on your part we'll elp you to prevent hog ailments and keep ogs healthy. Get a Hog-Joy Oiler to free tem from lice and disease germs. Them refits increase! But any hog oiler won't boonly the Hog-Joy wilfoil belly and leg its as well as the back and sides. Remains that. Then the Hog-Joy Oiler wi't tip over or get out of whack. So it's saper in the long run. It lasts a lifetime.



# Hog-Joy Oilers Weam More Profit for You

without further bother. Require no atten-tion. Self-feeding—no delicate pumps. Can't clog nor freeze. Work always. No springs. No valves. Solid cast iron. Once used, never discarded. Over 35,000 thinking fasmers prefer Hog-Joy Oilers. They know.

#### Rid Your Hogs of Lice Free

Write today for our offer to rid hogs of lice absolutely free. Your hogs will rub that wonderful vermin-killing oil all over their bodies. And every last louse and nit on them will be gone long before the 30 days. Then, if you don't want to keep the machine, just send it back. But you will want to keep it, for it not only kills the lice but keeps others away.

#### Mail This NOW!

| H. L. Ide, Preside    | at, Hog-Joy Co.   |
|-----------------------|---|
| Please send me detail | nt, Rog-Joy Co.<br>7 , Springfield, III.<br>Is of your other to rid my<br>does not obligate me. |
| None                  |   |



### KITSELMAN FENCE

MORSE-MIGH, BULLSTRONG, PIG-TIGHT
Made of Open Hearth wire
heavily galvanized—serving
durable, long-lasting, rust-re
galating sence. Solddirect to the
Farmer at wire mill prices. 



CITSELMAN BROS. Box 52 Muncle, Ind





#### More Dairying for Miami

ty agent, says:

I now have a supply of the large milk
record sheets and will send one to every

Canada under the jurisdiction of the Dairy and Cold-Storage Commissioner.

According to the report issued by the control of the contro ter fat once each month.

Do your cows give a "hig bucket full"

of milk for a period of 10 or 11 months?

Records will show the value of the cow milk in Canada has been increased by that milks for a period of 10 or 11 1,000 pounds a cow since this work was months over the cow that gives the "bucket full which is never forgotten,"

Canada, the value of the total annual but only for four or five months out of production is increased by at least 25

the year.

I am sending a bulletin on "Dairy Farming," to every man whom I know to be interested in dairying. See the explanation of the milk records in this bulletin. Also note the results obtained by the Dickinson County Cow-testing association. The best cow returned \$3.00 for each dollar's worth of feed, while the poorest cow returned only 65 cents for each dollar's worth of feed, while the poorest cow returned only 65 cents for each dollar's worth of feed. Records will tell the story and pay you well. Keep them for all the caws, not just one or two of the best.

Here are some of the things at the county agent's office which may interest you: Building plans for farm houses, barns, dairy barns, hog houses, and poultry houses; reference books on diseases of the horse and diseases of cattle; all the leading farm papers; bulletins on practically all farm ques-

#### Testing Milk Cows in Canada

A considerable effort is being made to boost dairying in Miami county. The conditions there are well adapted to quantity of milk produced by each cow, this type of farming, and it is making so that the profitable ones may be disprogress. A recent issue of the News Letter issued by O. C. Hagens, the country of the large milk. Dairy and Cold-Storage Commissioner.

record sheets and will send one to every man who wants to keep a record of his canadian Minister of Agriculture for the cows. Plans can be made for having year ended March 31, 1915, 35 of these the milk tested for the percent of but-dairy-record centers were in operation in 1914.

1,000 pounds a cow since this work was started. With over 2½ million cows in Canada, the value of the total annual production is increased by at least 25 million dollars, and the work is only instruction.

USE THIS

If a cow is well—if her organs of production are doing their duy—she will yield well. Time was when the cow that became sluggish and seemed to be going backward was promptly sold to the butcher.

Thousands of cow owners have found that in most control or the state of the state

that in most cases proper treatment will save them the difference between the price

of a beef cow and a vigorous milch cow.

Most dairy cow ailments are simple if
the source of the trouble is reached. If the organs of production of reproduction are not doing their duty, try Kow-Kure—the medicine for run-down cows. It has worked wonders in many herds, and is especially recommended for the prevention and cure of Abortion, Barrenness, Milk Fever, Scouring, Lost Appetite, Bunches, Retained Afterbirth, Scot is the Rese Kow-Kure on hand constants.

Keep Kow-Kure on hand constantly. Sold is 50c. with us for any of our of the first first back, "The lines for hate."

Dairy Association Co.

Lyudouville, Yt.

### Write to Your Congressman

You can take a big part in this controversy about preparedness. You can take a big part in this controversy about preparedness.

You have representatives and senators in Congress where the subject is to be threshed out this winter. Your vote helped to send them there. Write them urging them to vote against the plan to spend hundreds of millions of dollars for military purposes.

Call a meeting in your township and learn the public sentiment. Get up a petition or a letter, have it signed by all your voters, and send it to your senator or representative.

Don't delay. This thing may be rushed through in Congress.

Write today.

Write today.

THE KANSAS DELEGATION.

Senators W. H. Thompson and Charles F. Curtis.
Representatives, D. R. Anthony, First district; Joseph Taggart,
Second; Phil Campbell, Third; Dudley Doolittle, Fourth; Guy T.
Helvering, Fifth; J. R. Connelly, Sixth; Jonett Shouse, Seventh;

W. A. Ayres, Eighth.

Address any or all of the foregoing persons at Washington.

Tell them your township would like to have the Kansas delegation vote against preparedness as it is now contemplated by the administration.

of the disease at his place. Many of his neighbors have been heard to express their appreciation of his warning them. More than this, no new cases of cholera have been reported near Mr. Stockwell's

Osage township farmers, who had two weeks before vaccinated their hogs with the best of results, had W. G. West of the State Livestock Sanitary board, on November 24, to help them to "clean up" and disinfect their hog houses and lots. Their motto is: "It's no disgrace to have cholera, but it is a disgrace to have cholera, but it is a disgrace to have representation of the property of the state of the stat

bor it." By "cleaning up" and disinfecting after vaccinating or having cholera, they complied with the laws of Kansas.

Farm and Home Week will be held at the Kansas State Agricultural college, December 27 to 31. Seven boys have been awarded trips to Manhattan for this week by the farmers' institutes of the county, and the Paola Products show and the Louisburg fair have each awarded a trip to a boy. We want these boys and the Louisburg fair have each awarded a trip to a boy. We want these boys and girls have not enough water to drink?"

"That is what the papers say, my dear." hattan. Each evening an oral quiz will be given to see how well they are observ-ing the work of the day. We want to ing the work of the day. We want to make the week one of study and ob-servation for each boy who goes, and servation for each boy who goes, and would like to have a dozen other boys

The Farmers Mail and Breeze certainly has its place in our home and is fully Downs, Kan. J. S. Reece. worth the money.

tions, dairying, orcharding, poultry technical problems are concerned, it is raising, crops and livestock. They are quite possible to produce an abundant for your use. Saturday is the effice day supply of these salts in this country, for the county agent.

When Harry M. Stockwell found that his hogs had cholera, he went to the promising source of potassium appears telephone and warned all his neighbors to be the giant kelp of the Pacific of the disease at his place. Many of his Coast. The technical problems involved solved being commercial ones. The most promising source of potassium appears to be the giant kelp of the Pacific Coast. The technical problems involved in treating the kelp are not regarded as insurmountable, but up to the present there has been a reluctance to invest capital in the industry on account of the uncertainty in regard to the state laws governing the harvesting of kelp. Another source of potassium salts is feldspar and other potassium salts is feldspar and other potassium salts is feldspar and other potassium salts is feldsparition for the residue after the potassium has been extracted.

tassium has been extracted.

#### Youthful Unselfishness

"Mamma," he presently said, "Pd like to give something for those poor little boys and girls."
"Yes, dear. What would you like to

"Mamma," he said, in an earnest way,
"as long as the water is so very, very
scarce, I think I ought to give up bein'
washed."

The parent stock must be strong and vigorous, just the same as for chickens.



Sunshine Lamp

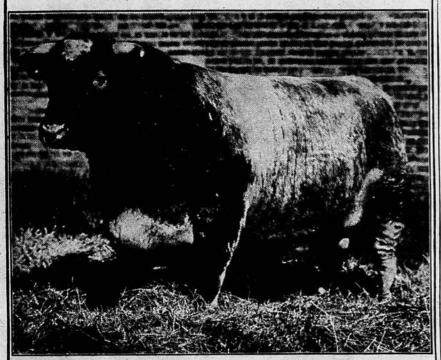




#### Two Famous Shorthorn Brothers



Whitehall Rosedale, Owned by Howell Rees & Sons, Pilger, Neb., the Grand Champion Last September at the Two Kansas State Fairs



The Great Shorthorn Bull, Pride of Albion, Owned by Frank R. Edwards Tiffin, Ohio. Grand Champion at the American Royal, 1915.

A GREAT DEAL of attention has been attracted in Shorthorn circles recently by two great bulls, Whitehall Rosedale and the Pride of Albion. They are half-brothers. Whitehall Rosedale, from the Rees herd, burnt up the fair circuit last fall, beginning at Iowa, until he met his brother at the American Royal at Kansas City, where the Pride of Albion took the championship. This bull is from the famous Edwards herd of Tiffin, Ohio, and he is a remarkably well fleshed animal. He is 5 years old, and weighs 2,550 pounds. Both animals indicate forcefully the remarkable progress of Shorthorn breeding. The fact that they are half-brothers proves once again the old saying that "blood will tell."

#### Neglected Cuts Cause Trouble

The service of tires will be abbreviated, to a considerable extent, if cuts, punctures and snags are neglected. Too much care cannot be exercised in avoiding injuries of this nature, as much as possible or, at least, give them the proper attention within a reasonable

New macadam roads, especially when wet, are likely to damage the rubber cover. It is recommended that the speed of the car be slightly accelerated and clutch depressed before coming up to loose, crushed stone in the road; it is better to cover sharp stones

tires a grip.

The elasticity of the rubber permits a The elasticity of the rubber permits a cut in the tread to expand when under the weight of machine and in contact with the road. In this way, such foreign matter as grit, sand and pebbles is forced into the cut. With each revolution of the wheel, the accumulation of foreign matter acts as a wedge and

further forces itself between the cover and fabric of the tire. It is not unusual for these lumps or "mud boils," if neglected, to cause a complete separation of the tread. An entire new cover often can be applied in a satisfactory manner, providing the fabric is in fairly good condition, but it is more practical costs in the same property of the same containing the same property of the same property of the same containing the same property of the same pr and certainly less expensive to attend to the initial injuries when first noticed. Owners are sometimes surprised and

disappointed to learn from the repair man that it is not advisable to rebuild tires having good covers and appearing, from the outside, to be all right. This is often due to separation and decay of the fabric body caused by water work-

rather than cause more tire traction by leaving gears engaged.

The rubber cover may receive numerous small snags and cuts if the rear wheels lose traction and spin around on wet pavements or in mud or sand. If the rear wheels slip, back the car for a short distance and then start forward. When this fails, jack up the rear wheels and wrap with rope or place something firm underneath to give the tires a grip.

The elasticity of the rear of the rear artions on the market for surface are to separation and decay of the fabric body caused by water working through neglected cuts. The fabric is the real foundation and strength of the tire and it is, therefore, highly important to protect it.

It is suggested that after a long trip, or at regular intervals, the tires be examined carefully. Remove tacks, glass, nails and other objects before they cause serious damage; wash mud and other foreign matter from the tires and heal the cuts, punctures and snags with preparations on the market. the cuts, punctures and snags with preparations on the market for emergency repairs. If unable to repair the injuries in this way, have the work handled by an experienced and competent repair

### I'll Rid Your Hogs of GILBERT HESS, M. D., D. V. S.

Your hogs are almost certain to be troubled with worms right now; in fact, at all seasons of the year. Unless you treat for worms and get rid of them you can't fatten your sales at a profit.

How about the spring pigs? The chances are that your brood sows are worm-infested. This means stunted litters—pigs from a wormy sow can't get the right start.

I guarantee that if you feed my Stock Tonic regularly as directed, you will rid your hogs of worms, they will keep toned up and vigorous, resist disease better and fatten quickly and cheaply.

# Dr. Hess Stock Tonic

A Fine Conditioner—A Sure Worm Expeller Your horses, cattle and sheep are apt to be out of fix right now, because animals off pasture and on dry feed are deprived of the laxatives so plentifully furnished in grass.

Feed my Stock Tonic to your animals now. It contains tonics for enriching the blood, tonics to help their digestion and help them assimilate their feed better, as well as laxatives for keeping the bowels regular and clean.

Remember, when you buy my Stock Tonic from your local dealer you save peddler's horse, team and traveling expenses, and the small dose quantity will prove that my Stock Tonic is the most economical, too. Now read this guarantee: So sure am I that Dr. Hess Stock
Tonic will positively rid your hogs
of worms and keep your stock
healthy and vigorous, that I have
authorized my nearest dealer to
supply you with enough for your
stock, and it it does not do what
I claim, return the empty packages and get your money back.

S.-lb. pall, \$1.89:100-lb. sack, \$5.00; smaller packages as low as 50c (except in Canada and the far West and the South). Why pay the peddier twice my price?

Dr. Hess Poultry Pan-a-ce-a

I guarantee that this fine poultry tonic will help your It will keep them toned up, arouse the dormant egg or keep your poultry healthy. Easy to feed and very ecor 1 cent's worth a day is enough for thirty fowl. Never peddiers. 1½ (bs. 25c; 5 lbs. 60c; 25-lb. pall, \$2.30. (I Canada and the far West.)

Canada and the far West.)

Dr. Hess Instant Louse Killer

Kills lice on poultry and all farm stock. Dust the I
and chicks with it, sprinkle it on the recosts in the cr.

fit kept in the dust bath, that he recosts in the cr.

Also destroys bugs such that the service of the control of the con

Send for my book that tells all about Dr. Hess Stock Tonic—it's free. DR. HESS & CLARK, Ashland, Ohio





MBN are learning the truth about chewing tobacco. Right and left they are talking about W-B CUT Chewing—the Real Tobacco Cicw, now cat, leng shred.W-B CUT users are glad to tell the good news to friends—because they know how different it is from the old kind; how much better it estisfies. Gets pouch from your dealer. You can tell by a quality test that it is the Real Tobacco Chew.

"Notice how the salt brings out the rich tobacco taste."

Made by WEYMAN-BRUTON COMPANY, 50 Union Square, New York City

We Own and Offer the Following

# KANSAS MUNICIPAL BONDS WHICH ARE NON-TAXABLE IN KANSAS AND EXEMPT FROM FEDERAL INCOME TAX

HOLTON, 5'8

LARNED, 5'8

LARNED, 5'8

LEAVENWORTH, RFDG, 5'8

WRITE FOR CIRCULARS AND PRICES

FIDELITY TRUST COMPANY, BOND DEPT., KANSAS CITY, MISSOURI

# top, Man Don't MissThis!

Send me your name now—on a postal—and you'll get, FREE, the supplies of year life.

First—I will prove to you, beyond the shadow of a doubt, that your straw—every ounce of it—is worth \$2.50 to \$3.50 a ton. Then I will show you to be your than the shadow of a doubt, that you will show you to be your than the shadow of a shadow of the sha

By my extraordinary plan, you can prove that there's a tremendous profit in spreading strew before you have spent or risked decide to buy me "BMPLEL". "I'll TRUST YOU and not a sent do I ask till next October!

Pretty good machine when the maker is willing to let you try it FREE and then take almost ayear to pay don't out think no? Must be a great money maker and I'll prove it?

### Simplex Straw Spreader Makes Straw Worth \$2.50 to \$3.80 Per Ton

traw, as a fertilizer, a conserver of moisture, and a preventative of soil owing is easily worth \$2.50 when spread on your land. And spreading is easy with a strike. How titiak! Twenty test as atime! Thick or thin! Twenty sers as advertised by the high or low warped. Has dealist other and double with each or pays for any another behind it! Thousands already in use! Thirty deal? Thirty deals Thirty as a manage in warper of time to pay! Then, it's the biggest and best of ar you was not!

Get My Latest Proposition

Memore Campbell, President MANSON CAMPBELL COMPANY



#### New KEROSENE LIGHT BEATS ELECTRIC GR GASOLINE

10 Days FREE Send No Money

his wonderful modern light in your own home ten days, then your own home ten days, then your own the second of the

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Hundreds of amazing bargains! Write now for free copy of our new catalog, with life-like pictures of harness, saddles, bridles, blankets, bits, etc.

Special Offer Here's a dandy extra menty copper riveter malter, 1% inch wide sells for \$1.50 every where; our special offer

We Prepay the Freight

Save you from 30 to 50 per cent, guarantee our goods for two years, refund on the minute if goods don't suit you. Send goods with privilege of examination. Get catalog TEODAY—Its free for the asking—and see our wonderful direct-from-maker bargains.

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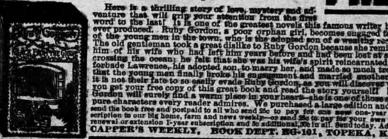


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High or low wheels—steel or wood—wide or narrow tires. Steel or wood wheels to fit any running gear. Wagon parts of all kinds. Write today for free catalog illustrated in colors.

ELECTRIC WHEEL CO., 30 Ener Street, Quincy, ill.





# Cottonwoods For Kansas

This Rapidly Growing Timber Has Many Adv.

BY C. A. SCOTT



THE cottonwood not only has the distinction of being our pioneer tree, but it also is the largest and most aspidly-growing tree in the state. Under favorable conditions it grows clear of limbs to a height of 30 or 40 feet. It also is a wood that is in great favor for crates used by fruit and wegetable dealers.

Coowing free, it is practically free from insect or fungous diseases. In diameter it will make an annual growth of from ½ to I inch a year. It is a tree that grows under many soil conditions. It makes its best growth on deep, rich, well-drained loam soils, but it also grows with remarkable rapidity on sand thoughout the state. It even thrives in soils that are strongly alkaline, but does not make the clear growth that is found on the fresher soils.

From the standpoint of lumber production there is not another tree adapted to growing in this state that will produce as great a return in board feet as or two of waste land with cottonwood.



Sawing Cottonwood Timber on the Farm of M. Hart near Glade, Kan. The Log in Front of the Saw is 5 Feet in Diam

the cottonwood. Along creek or river seedlings, or cuttings. In a few years channels, on overflow land suitable only such a plantation will yield a surprising for the production of timber crops, it quantity of saw material. for the production of timber crops, it quantity is safe to estimate a yield of from 12,000 to 15,000 board feet an acre from a full stand of cottonwoods at 25 or 30 chant in Havana for the importation from the state of Washington of about 12,000 feet of western spruce timber.

framing of barns, for flooring, stall par-titions, and for partitions between cribs and bins, the cottonwood is su-

Cottonwood Lumber. 750,000 feet of western spruce timber.

Cottonwood lumber is well suited for farm building purposes. For the interior framing of barns, for flooring, stall par-

#### 67 Rabbits at Grenola

cribs and bins, the cottonwood is superior in many ways to the pine lumber which we buy on the market. It is light, tough, and strong. For partitions between stalls it lasts indefinitely. On account of its toughness is does not splinter as does the pine, and for flooring purposes it endures the wear and tear incidental to stable use better than does either the pine or fig.

Not only is cottonwood lumber valuable for farm building purposes, but



re Were 67 Rabbits Killed Recently During a Hunt on the Farm of H. A. Warner of Grenola.

#### Farm Congress to El Paso

The eleventh International Farm Congress (the Dry-Farming Congress) and Soil-Products exposition will be held at El Paso, Texas, in October, 1916. The offices of the congress and exposi-tion have been removed to El Paso from tion have been removed to El Paso from Denver. Preparations are already under way for accommodating an increased number of state, district, county and individual exhibits, as well as exhibits from nations and provinces cutaide the United States. The site of the exposition will be at Washington Park, a beautiful place just on the outskirts of El Paso. The last two soil-products expositions, at Wichita and Denver, were cramped for space, and the management. positions, at Wichita and Denver, were cramped for space, and the management has decided that this handicap will be overcome next year. There will be many exposition features at El Paso which are not possible when the show is staged in buildings and on streets, as has been done the last two years.

In addition to the usual features of the congress and exposition, visitors to

the congress and exposition, visitors to El Paso, next October, will have the op-El Paso, next October, will have the op-portunity of seeing many other attrac-tions. In all probability, some army maneuvers will be arranged. The great Elephant Butte dam, which will be com-pleted by that time, is alone worth a trip of several hundred miles. The congress and exposition manage-ment plans to assemble at El Paso the greatest collection of exhibits of prod-

greatest collection of exhibits of products of the great Southwest ever seen in one place. In many respects the events will be more interesting than in

events will be more interesting than in any previous year.

The beard of governors is now considering the matter of a permanent headquarters. Since its inception at Denver about 10 years age, the congress has grown to be prebably the largest and most important agricultural organization in the world. Its permanent records are new becoming so bulky that serious need is felt for permanent offices, in order to obviate the annual moving of everything connected with the moving of everything connected with the institution. With the location of the songress and exposition at El Paso for 1916, the principal offices were established in that city, but pending the settlement of the future location, temporary offices were left in Denver, where the events were staged this year. Kanthe events were staged this year. Kan-sas City, Denver, St. Joseph, El Paso, Salt Lake and several other cities are being considered for the permanent lo-cation.

It is contemplated that a number of the state and national exhibits at the San Diego Exposition will be moved to the International Soil-Products Exposi-tion at El Paso. These exhibits will be strengthened by the addition of products grown in 1916, and remodeled to conform to the space requirements of the soil-

products exposition.

W M. Jardine, dean of Agriculture in the Kansas State Agricultural college, is president of the International Farm Congress. Charles Dillon, managing editor of the Capper Farm Papers, is a mem-ber of the board of governors.

#### **Bud Selection Important**

The recent work of L. B. Scott and others of the Bureau of Plant Industry others of the Bureau of Plant Industry has shown some very interesting results from the practice of bud selection. This work has shown conclusively that pedigreed nursery stock is just as important in raising productive fruit trees as pedigreed calves are in raising a high grade of cattle. They attach even more importance to bud selection in tree production than to seed selection in corn and cotton production.

Their experience covering several

Their experience covering several ears has shown the old practice of takyears has shown the old practice of taking buds from young trees to be unwise for in this manner a great many worthless trees are produced, which must be weeded out. Bud wood should be chosen only from old, bearing trees on which a close record has been kept for a number of years. These trees, in addition to being good bearers, should conform to your standard type. Nor is it enough to select your bud wood from a productive or desirable tree, it should also be chosen from a limb which is productive and which has strong healthy buds.

The increased competition in fruit growing makes it necessary for every tree to do its full part and a good tree cannot be produced from a poor tree or bad.

Fred W. Davis. Austin, Tex.

#### ARE YOU A FARM HAND OR A BUSINESS MAN?

Many men who are farming are mere-Many men who are farming are merely farm hands whereas they might be successful business men if they were onto their job. We have in mind the man who raises stock. You either keep your stock or your stock keep you. Hickory salt will make your stock keep you and will change you from a hiredhand to a successful business man. Hickory Salt is the one conditioner for live. ory Salt is the one conditioner for live-stock that always makes good. It con-ditions sick stock and keeps the well ones healthy by removing worms, perones healthy by removing worms, perfecting digestion and acts as a preventive of contagion. Where Hickory salt has been used as a preventive cholera is unknown. Hickory Salt is so inexpensive any one can use it. 100 pound kegs \$4.50; 300 pound barrels \$12.00. WE PAY THE FREIGHT. Hickory Salt Mfg. Co., Westport Station, Kansas City, Mo.—Advertisement. Mo .- Advertisement.

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# Don't Wear a Truss

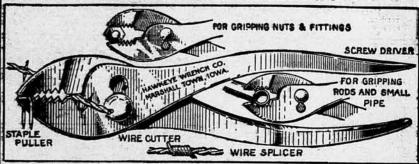


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the wonderful new
discovery that relieves
rupture will be sent on
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springs or pads. Has
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Catalog and measure
blanks mailed free.

C. E. BROOKS.

# Hawkeye Combination Fence Pliers

You Cannot Afford To Be Without One



The "Hawkeye" Combination Fence Pliers are full nickel plated, drop forged from the best open hearth steel and case hardened. They are light, compact and easily carried in the hip pocket. This plier will work in closer quarters than any wrench. It will cut and splice wire, pull staples, grip pipe rods and nuts and has a screw driver attachment. The "Hawkeye" Plier is the handlest all around farm tool made, as there are hundreds of uses for this little tool. It also makes an ideal household tool.

Our Special Free Offer We will send the "Hawkeye" Fence send \$2.00 to pay for three years' new or renewal subscription to Mail and Breeze. We guarantee this tool will please you or your money will be promptly refunded. Address

MAIL AND BREEZE, Dept. H. P., Topeka, Kansas

# An Opportunity

No field of endeavor today offers so much to ambitious, successful men as salesmanship. The live wires in every line of business are the men who sell things.

The sales department of Farmers Mail and Breeze offers an exceptional proposition on a salary and commission basis to men in Kansas who are anxious to increase their earning capacity. Previous selling experience is not essential. With our offer an income is assured for anyone, size of the income commensurate with the effort expended. We are anxious to explain our proposition to responsible men.

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d address today.

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You will find pleasure as well as profit in good animals.

Your lands will grow richer every year.

You will read and enjoy THE BREEDER'S GAZETTE.

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Price, \$1 the year, including a HOLIDAY NUMBER that surpasses anything in its line. This year's (just published) extends to 108 pages, and new subscriptions will be commenced with it as long as the supply of extra copies lasts. Address

THE BREEDER'S GAZETTE,

Room 1137, 542 South Dearborn St., CHICAGO.

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Advertisements under this heading will be inserted at scents a word. Four or more insertions 44 cents a word each insertion. No display type or illustrations admitted.

#### BRAHMAS.

BRAHMAS. ONE TWENTY-FIVE AND two dollars. Eggs one fifty. Mrs. W. F. Jarratt, Lometa, Texas.

#### BUTTERCUPS.

BEAUTIFUL BUTTERCUP COCKERELS \$2 and \$3. Bronze turkey toms \$5, hens \$3. E. Bjdleman, Kinsley, Kan.

BUTTERCUP POULTRY YARDS—SICIL-ian Buttercup cockerels for exhibition or utility. W. C. West, R. 5, Topeka, Kan.

#### CAMPINES.

SILVER CAMPINES—5 COCKERELS FOR sale, \$1.50 apiece. Geo. Guilford, Centralia, Kan.

#### DUCKS.

RUNNER DUCKS. CUP WINNERS. BURT White, Burlingame, Kan.

WHITE PEKIN DRAKES \$1.50. MYRTLE Leighton, Effingham, Kan.

WHITE PEKIN DRAKES \$1.25. A. F. Swan, Topeka, Kan., R. No. 28.

MAMMOTH PEKIN DUCKS, \$1. DRAKES \$1.25. Mrs. Oscar Hill, Mayetta, Kan.

PURE BRED WHITE RUNNER DUCKS and drakes. Mrs. C. B. Kellerman, Bur-lington, Kan.

#### LANGSHANS.

PURE BRED BLACK LANGSHAN COCK-erels. Martha Haynes, Grantville, Kan.

#### LEGHORNS.

8. C. W. LEGHORN COCKERELS. MRS. W. R. Hildreth, Oswego, Kan.

C. W. LEGHORN COCKERELS \$1.00. Mrs. Ennefer, Pleasanton, Kan.

TIP TOP ROSE COMB BROWN LEG-horns, J. E. Wright, Wilmore, Kan.

CHOICE BUFF LEGHORN COCKERELS. Six \$5.00. R. E. Holt, Hartford, Kan. R. C. W. LEGHORN COCKS \$1 AND \$2 each. F. W. Cornell, Wakefield, Kan.

PURE S. C. BUFF LEGHORN COCKERELS. 6 for \$5. Geo. Jameson, Garrison, Kan.

S. C. W. LEGHORN COCKERELS. CHOICE matured birds. Lyman Mun, Galva, Kan. SILVER COMB BROWN LEGHORN COCK-erels \$1.00. Sam Brehm, Hutchinson, Kan

SINGLE COMB BUFF LEGHORN COCK-erels. 6 for \$5.00. John A. Reed, Lyons Kan. ROSE COMB BROWN LEGHORN COCKS and cockerels. Ralph Cooley, Abliene,

SINGLE COMB EVEN BUFF LEGHORN cockerels. Six \$5.00. Geo. Dorr, Osage City, Kan.

SINGLE COMB WHITE LEGHORN COCK-erels, six \$5.00. Mrs. Ellis Paramore, Del-phos. Kan.

PURE BRED ROSE COMB BROWN LEG-horn cockerels 6 for \$5. Bertha Fortney, Clyde, Kan.

GOOD, PURE S. C. WHITE LEGHORN cockerels \$3.00 each. Sarah Rollins, Gretna, Kan.

C. S. B. LEGHORN COCKERELS, HENS and pullets \$1.00 and up. H. N. Holdeman, Meade, Kan.

SINGLE COMB BROWN LEGHORNS.
Both matings. Prices right. G. F. Koch,
Jr., Ellinwood, Kan.

SINGLE COMB BUFF LEGHORN COCKS and cockerels \$1.00. Extra fine. J. P. Rishel, Galatia, Kan.

PURE BUFF LEGHORN COCKERELS AND White Runner drakes, 6 for \$5.00. Mary Moyer, Oakhill, Kan.

CHOICE FAMOUS S. C. W. LEGHORNS, bred to lay and win. Cockerels and pul-lets \$1 up. Geo. Patterson, Lyndon, Kan.

SINGLE COMB WHITE LEGHORN COCK-erels. Range raised. \$1.00. 6 for \$5.00. Hollywood Farm, Lenexa, Kan., Rt. No. 2.

PURE BRED SINGLE COMB BROWN Leghorn cockerels. Raised exclusively from record, Ever Lay strain. \$1.50 to \$2.50 each. R. C. Merideth, Kiowa, Kan.

FOR SALE: 500 SINGLE COMB WHITE Leghorn hens and pullets, \$1.00 each. 200 cocks and cockerels same breed, \$1.50 to \$3.00 each. 200 Rhode Island Reds. both combs, male and female, \$1.50 to \$3.06 each. Keystone Poultry Yards, Lincoln, Nebraska.

#### ORPINGTONS.

FINE WHITE ORPINGTON COCKERELS. Bargain prices for 30 days. John Van-amburg, Marysville, Kan.

#### ORPINGTONS.

BUFF ORPINGTON COCKERELS NICE and big. G. D. Willems, Inman, Kan.

CHOICE S. C. BUFF ORPINGTON COCK-erels \$2.00 and \$3,00 each. Mrs. W. V. Wilson, Detroit, Kan., R. No. 2.

BUFF ORPINGTONS. A CHOICE LOT OF cockerels and cocks for sale. Can please you. August Petersen, Churdan, Iowa,

BUFF ORPINGTON COCKERELS \$1.50 TO \$3.00. Winnings at American Royal and other shows, Andy Scherman, Olathe, Kan.

BUFF ORPINGTONS. SHOW AND UTIL-ity stock. Reasonable if taken soon. Pleasant Hill Poultry Farm. Ellinwood, Kan. BIG BARGAINS IN WHITE ORPINGTONS.
I can sell you birds to win in your county show. Place orders now, have birds shipped when you need them. S. A. V. Howell, 215 West 16th St., Oklahoma City.

SINGLE COMB WHITE, ALSO BLACK
Orpingtons. On account of room I will
sell a limited amt. of stock. Eggs for
hatching after Feb. first. Square deal guaranteed. J. G. Ellinger, Stout. Iowa.

#### PLYMOUTH ROCKS.

BUFF ROCK COCKS AND COCKERELS. E. L. Stephens, Garden City, Kan.

BARRED ROCKS, FARM RAISED, \$1,00 each, Chas, Koepsel, White City, Kan.

PURE BRED BARRED ROCK COCKER-els. 6 for \$5. Bertha Fortney, Clyde,

BUFF ROCKS—A FEW HENS AND MALES to spare. William A. Hess, Humboldt,

WHITE ROCKS, SIZE AND QUALITY.
Satisfaction guaranteed. G. M. Kretz,
Clifton, Kan.

BIG BUFF ROCKS. WINTER LAYERS.
Quality guaranteed, Mrs. Lloyd Clark,
Hazelton, Kan.

MAMMOTH SNOW WHITE ROCK COCK-erels. Write for circular. Charles Vories, Wathena, Kan.

EXTRA QUALITY WHITE ROCK COCK-erels \$2 each. Catalog. Sidney Schmidt, Chillicothe, Mo.

DUFF'S BIG TYPE BARRED ROCKS.
Show birds, breeders and eggs. A. H.
Duff, Larned, Kan.

BARRED ROCK COCKERELS \$1. TWELVE years' breeding. Wm. Spealman, Marysville, Kan., R. No. 2.

BUFF ROCKS. PURE COCKERELS \$2.00. Hens and pullets \$12.00 doz. Mrs. Ike Saunders, Elk City, Kan.

10 CHOICE BARRED PLYMOUTH COCKerels \$1.50 each. \$4.00 per trio. Mrs. J. H. Taylor, Chapman, Kan. BARRED ROCK, COCKERELS, 100 FINE cockerels at \$1.00 and \$1.25 each if taken soon. Theo. Jung, Lyons, Kan.

BARRED ROCK COCKERELS, \$2. FARM raised. Large, well marked. Good laying strain. L. B. Brady, Fowler, Kan.

BARRED ROCK COCKERELS FROM Royal Blue strain, Good size and well barred. L. E. Haynes, Newkirk, Okla.

PRIZE WINNING BARRED ROCK COCK-erels \$1.00 to \$3.00. Choice pullets \$1.00. Cal. Brown, Braman, Okla.

WHITE ROCKS, BIG SNOW WHITE ckls., hens and pullets for sale cheap. Originator of Ivory strain. Chas. C. Fair, Sharon, Kan.

BUFF ROCK COCKERELS BRED FROM Frisco World's Fair champions, \$5 each, elegant breeders. C. R. Baker, Box M, Abi-lene, Kan.

BARRED ROCKS—COCKS AND COCKERels \$2.00 to \$5.00. Satisfaction guaranteed or money back. James H. Parsons, Quinter, Kan.

WHITE AND BARRED PLYMOUTH Rocks. Utility, breeders, exhibition, Prices reasonable. Catalog free. J. Harland, Shenandoah, Iowa.

PARTRIDGE ROCKS. FINE LARGE cockerels at reasonable prices, guaranteed to please, few pullets, must be sold soon. Write quick, J. W. McVey, Stafford, Kan.

WHITE ROCKS, THE KIND THAT WILL satisfy you both with eggs in the basket and in the show room. Cock birds and cockerels \$2.00 and \$3.00 each, also hens and pullets. Frank Lott, Danville, Kan.

LINDAMOOD'S BARRED ROCKS. AT Newton, Kan., Dec. 13 to 17 won 4 firsts and sweepstakes in American class. Buy cockerels now from winning and best laying strains. Prices \$2 up. C. C. Lindamood, Walton, Kansas.

BARRED ROCKS—WEIGHER AND LAYER strain. Winners at leading shows. At Frederick show won 1st pullet, 2nd ckl., 3rd and 4th pullet, 3rd and 4th hen; 2nd and 5th pen in very strong class, Cockerels and pullets for sale. Write for prices. Fred Hall, Lone Wolf, Okla., R. 5.

#### RHODE ISLAND REDS.

EXTRA GOOD S. C. R. CKLS. \$1. I \$2.50. B. W. Stewart, Talmage, Kan.

S. C. RED COCKERELS, GUARANTEED. \$1.50 to \$3.00. A. Bozarth, Liberal, Kan.

GOOD SCORING S. C. REDS, GUARAN-teed to suit. Lela Osterfoss, Hedrick,

CHOICE ROSE COMB RHODE ISLAND Red c'k'ls \$3.00 each. Mrs. A. L. Scott, Larned, Kan.

LARGE, DARK ROSE COMB REDS. COCK-erels, pullets. Bargains. Sunnyside Farm, Havensville, Kan.

WE BREED S. C. RHODE ISLAND REDS exclusively. Cockerols \$1.50 to \$5.00. Thos. D. Troughton, Wetmore, Kan.

FOR SALE. ROSE COMB RED COCKER-els bred from our state show winners, \$1.50 to \$5. Roberts & Bauman, Hoisington, Kan.

ROSE COMB REDS THAT ARE DEEP brilliant Reds, quality and vigor is our aim. \$1 to \$10 each. Charles Sigle, Lucas,

SINGLE COMB RHODE ISLAND REDS. Ox-Blood, Royal Red strain. Interesting catalog free. A. Harland, Shenandoah, Iowa.

PURE BRED, GOOD COLORED, BIG boned Rose Comb cockerels from a strain of heavy egg layers. H. A. Sibley, Law-rence, Kan.

THOROUGHBRED RED COCKERELS; both combs. Big dark reds, \$1 to \$5. Good show record. Plainview Poultry Yards, La Cygne, Kan.

ROSE COMB REDS. COCKERELS OR pullets \$2. Bred from prize winners at big shows and fairs in Kan. Mo. and Okla. Red eyes and red pigment on legs. Write for sub-agency on Candee Colony. Brooder Stoves. R. W. Baldwin, Conway, Kan.

#### TURKEYS.

THOROUGHBRED BOURBON REDS. FAY Egy, Turon, Kan.

BOURBON RED TOMS \$5.00. Frank Tuttle, Chanute, Kan. MRS. M. B. TOMS. WT. 25 TO 30 LBS. \$5 UP. Mrs. P. D. Spohn, Inman, Kan.

BOURBON RED TURKEYS \$2.56 AND \$3.00. Wilbur King, Cullison, Kan.

PURE BOURBON RED TURKEY TOMS \$4.00. Wm. Moeller, Richland, Kan.

MAMMOTH WHITE HOLLANDS. FROM prize winners. Lula Dick, Lucas, Kan. FOR SALE—THOROUGHBRED BOURBON Red toms \$4. James Butler, Glasco, Kan.

GIANT MAMMOTH BRONZE TURKEYS. Toms \$7.50. L. R. Wiley, Elmdale, Kan.

THOROUGHBRED BOURBON RED TUR-keys. Toms \$4.00. Clarence Eaton, Wil-more, Kan.

FOR SALE—MAMMOTH WHITE HOL-land turkeys, Mrs. Ellis Paramore, Del-phos, Kan.

MAMMOTH BRONZE, BIG BONED, DEEP framed toms \$5.00. Walter Weide, Yates Center, Kan.

FULL BLOOD MAMMOTH BRONZE TUR-keys, Toms \$5. Hens \$3. Mrs. E. Gaughan, Earleton, Kan.

THOROUGHBRED NARRAGANSETT TUR-keys. Toms \$4.00. Hens \$3.00. Mrs. J. P. Carroll, Lewis, Kan.

BOURBON RED TURKEYS, WHITE WINGS and tall. Toms \$4. Hens \$3. Charles Sigle, Lucas, Kan.

MAMMOTH BRONZE TOM, WEIGHT 46 pounds, scores 92, price \$10, Alvin Hawkins, Harper, Kan.

FOR SALE—PURE BOURBON RED TUR-keys. Hens \$2.50. Toms \$3.50. Robert Vanek, Green, Kan.

THOROUGHBRED MAMMOTH BRONZE turkeys. Sired by 1st prize cockerel in state, 1915. Geo. Heath, Dwight, Kan. FOR SALE—NARRAGANSETT COCKER-els, sired by third tom at Frisco, four and six dollars each. W. W. Stover, Fredonia, Kan.

MAMMOTH BRONZE TURKEYS, EXTRA large boned, 20 toms for sale. Write for information. \$5.00 each. F. O. B. Dighton, Kansas. E. H. Streeter,

THOROUGHBRED MAMMOTH BRONZE turkeys. Extra large. Heavy boned. Excellent markings. Toms \$6 to \$8. Hens \$3.50 each. Mattle Peasley, Soldier, Kan.

MAMMOTH BRONZE TURKEYS BY MY tom that won 1st as cockerel at State Poultry Federation show at Independence, Kan., Jan., 1914. Also American Poultry Association medal as best turkey in show. Mrs. James Aitken, Severy, Kan.

#### WYANDOTTES.

WHITE WYANDOTTE COCKERELS. \$1.00 each. Ida Compton, Miller, Mo.

REGAL WHITE WYANDOTTE COCKEREL \$1.00. Mrs. I. G. Capps, Frankfort, Kan.

#### WYANDOTTES.

WHITE WYANDOTTE COCKERELS AND females \$1.50 up. G. F. Brown, Lawrence, Kan.

CHOICE BUFF WYANDOTTE COCKS AND cockerels. John P. Ruppenthal, Russell, Kan.

GOLDEN LACED WYANDOTTES. PRICES reasonable. D. Lawver, Weir, Kan., Route 3.

HIGH SCORING PARTRIDGE WYAN-dotte ckis, for sale cheap. Jacob Klassen, Inman, Kan.

"BEAUTILITY" SILVER WYANDOTTES. \$1.50 to \$5.00. Write Mrs. Edwin Shuff, Plevna, Kan.

PURE BRED SILVER WYANDOTTES FOR sale, Prize winning stock, Mrs. Alvin Tennyson, Lamar, Kan.

THOROUGHBRED SILVER LACED WYAN-dotte cockerels \$1.25 each. Frank Kletchka, Horton, Kan., R. R. No. 2. PARTRIDGE WYANDOTTES. COCKER-els, pullets. Standard color. Best ever. Rosa Carder, Lyndon, Kan.

SILVER WYANDOTTES. I HAVE SOME good ones for sale at prices that suit. M. B. Caldwell, Broughton, Kan.

WOOD'S SILVER WYANDOTTE COCKS and cockerels please. Ask for prices, and guarantee. Earl Wood, Grainfield, Kan.

WHITE WYANDOTTE COCKERELS. BRED from pure bred prize winners, \$2.00 up, Pullets for sale. Mrs. Charles Gear, Clay Center, Kan.

WHITE WYANDOTTES—LARGE, EARLY hatched cockerels \$2, \$3, \$5 each. Also a few cocks, hens and pullets. Bred from special mated prize winners. Plock's White Wyandotte Farm, Clay Center, Kan.

#### SEVERAL VARIETIES.

HIGH SCORING R. C. REDS, WHITE Holland turkeys, Roy Davisson, Sabetha, Kan.

FAWN WHITE RUNNERS, GOOD LAY-ers 75 cts. if taken soon. Also big Barred ckis. \$1. V. Young, Melvern, Kan.

PARTRIDGE WYANDOTTES, RHODE IS-land Whites, Buff Leghorns; hens cheap if taken soon. Walt. Eddy, Havensville, Kan.

WHITE ROCK COCKERELS \$1.50 EACH.
White Pekin drakes \$1.95 each. White
Holland toms \$5.00 each. James Jensen,
Kinsley, Kan.

COLUMBIAN WYANDOTTE COCKERELS \$1 to \$3 each. White Holland turkeys. Toms \$3.75 to \$4, hens \$3 each. Bertha V. Chacey, Meriden, Kan.

TO REDUCE STOCK: LIGHT BRAHMAS \$2,00; Brown Leghorns, Fawn Indian Runner ducks \$1.50. Dailey's Golden Rule Poultry Farm, Ridgway, Ill. PURE BRED ROSE COMB RHODE ISLAND Red and White ckis. White Indian Runner drakes. Eggs in season. We won 5 1st, 3 2nd, 2 3rd, 1 4th on 2 pens entered at the state fair, 1915. Fisher and Fisher, Haven, Kan.

BREEDERS CHEAP IN ALL VARIETIES
Leghorns, Wyandottes, Rhode Island Reds,
Orpingtons, Langshans, Cochins, Brahmas,
Rocks, Bantams, ducks, geese, turkey and
Pearl and White guineas. Bare Poultry Co.,
Box 819, Hampton, Iowa.

#### POULTRY WANTED.

WANTED FANCY POULTRY BREEDERS. Highest prices paid. Shelton Poultry Co., Inc., Denver, Colo.

PIGEONS, CAPONS, GUINEAS, TURKEYS, ducks, geese, chickens wanted. Coops loaned free. The Cope's, Topeka, Kan.

#### MISCELLANEOUS POULTRY.

WE WILL GUARANTEE YOU MORE eggs if you feed "Brooks Best" mixed meat scraps and dry mash. 120 lbs. \$2.10. Brooks Wholesale Co., Ft. Scott, Kan.

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PATENTS THAT PAY, \$600,812 CLIENTS made. Searches. Advice and two books Vrooman & Co., 885 F. ington, D. C.

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#### LIVE STOCK

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 24 cents a word each insertion. No display type or Mustrations admitted.

FOR SALE—REGISTERED GALLOWAY bulls. Address Fashion Plate, Silver Lake, Kan.

FOR SALE — REGISTERED JERSEY bulls, \$50.00 each. V. E. Swenson, Little River, Kansas.

BROWN SWISS-REGISTERED BULLS, calves for sale. U. Wagner, Humboldt, Kan., B. F. D. No. 4.

FOR SALE—TWO FINE YOUNG REGIS-tered Holstein bulls. Priced right. P. Haverty, Hollenberg, Kan.

HIGH GRADE HOLSTEIN CALVES, either sex, 2-4 weeks old. \$17 each, crated. Burr Oak Farm, Whitewater, Wis.

REGISTERED JERSEY BULL CALF, \$25.00. Sire Bells Fern of Hood Farm. Jas. R. Snyder, Box A, Frazer, Mo.

SHETLAND PONIES. SIXTY HEAD TO choose from. Special prices for Christmas. Charles Clemmons, Coffeyville, Kan.

FOR SALE, SADDLE STALLION 2 YEARS old, broke, safe for lady. Address Dr. A. N. Ruby, Transfer Barn, Manhattan, Kan. MARRIAGE RANCH, CO-OPERATIVE Christian colony. Big returns guaranteed. Registered Angus bulls, Kiowa county, Kansas.

FOR SALE: 60 HEAD OF COMING TWO-year-old steers by the head or by the pound; choice in quality. Must sell soon. Write R. E. McFarlane, Hesston, Kan.

FOR SALE—REGISTERED JERSEY BULL 4 years old. Flying Fox and St. Lambert breeding, a good one, cannot use him any longer. Come and see his heifers or write. C. H. Browne, Lakin, Kan.

STRAYED FROM SECTION 14-13-1, DICK-inson Co., Kan., one red cow. dehorned, branded with large Fig. 7 on left hip. Five dollars reward for knowledge of her where-abouts. A. W. Hargreaves, Route 7, Abilene, Kan.

RIVERSIDE HOLSTEINS. 4 REGISTERED buils for sale. 3 one year old. 2 younger. Large and vigorous, Bred right Pricedright, White Plymouth Rock cockerels, Very large and fine. W. H. Boughner, Downs, Kan.

#### Seeds and nurseries

Advertisements under this heading will be inserted at a cents a word. Four or more insertions 446 cents a word each insertion. No display type or illustrations admitted.

STRAWBERRY PLANTS \$2.00 PER 1,000, 5000 \$9.00. List free. J. Sterling, Jud-sonia, Ark.

FOR SALE—400 BU. NO. 1, BIG GOLDEN millet seed. I prefer to sell to dealers in bulk. Ask for samples. J. L. Coates, Greensbulk. Ask burg, Kan.

YELLOW BLOSSOM, UNHULLED, SWEET clover seed 10c 1b. Far ahead white variety for pasture or bees. Sam Wilkinson, Hewins, Kan.

SWEET CLOVER — PURE UNHULLED white blossom 15c lb. delivered. Sudan grass seed 10c lb. delivered. Large quantities less. Claycomb Seed Store, Guymon, Okla.

#### PET STOCK

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ENGLISH GUINEA PIGS. E. M. HARPER, Leona, Kan.

TRAINED COLLIE FOR SALE. JACOB Klassen, Inman, Kan.

FOR SALE — GUARANTEED HOUNDS. Send 2 cent stamp for prices, Rash Bros., Centerville, Kan.

PAÍR BLACK MALE RUSSIAN WOLF hounds, 11 months old. \$50.00 sire. Price \$12.00. S. J. Powell, Anson, Tex.

SCOTCH COLLIES—IMPORTED SOUTH-port Successor by champion Southport Sample ex by champion Parbold Professor. Fee \$12. Write Western Home Kennels, St. John, Kan.

#### LANDS

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CALIFORNIA IMPROVED FARMS FOR sale. Write for list. E. R. Waite, Shawnee, Okla.

EIGHTY ACRES—OTTAWA COUNTY, TO trade for large gas tractor. S. B. Vaughan, Newton, Kansas.

GOOD 228-ACRE FARM ON RIVER, NEAR Olivet. \$60 a. if taken soon. Inquire of M. J. Edman, Osage City, Kan.

WILL TRADE 80 ACRES OF MO for registered Percheron or registered saddle stallion. Chas. Randall, Wetmore,

OWNERS LIST EXCHANGES. WANT merchandise, large ranches and income property. Progressive Realty Co., Greeley, Colo.

FOR SALE 51 FÁRMS IN SEDGWICK and Summer counties; few snaps, Write today for descriptions. Geo. R. Fultz, Wich-ita, Kan.

480 ACRE IRRIGATED FARM AT STAtion; thriving Colorado agricultural community. Fully improved; buildings, fences
and ditches; equipped with machinery.
Price, \$25,000, one-fifth cash, balance installments at \$5%. This property will pay
for itself. M. W. Jones, \$75 Marion St.,
Denver, Colorado.

SELI. YOUR PROPERTY QUICKLY FOR cash. No matter where located. Particulars free. Real Estate Salesman Co., Dept. 5, Lincoln, Neb.

FREE 320 ACRE COLORADO HOME-steads almost gone. Last chance for free farms. Fine water. Rich loam soil. Write Smoke & Ray, Box 595, Pueblo, Colorado.

360 ACRE STOCK RANCH IN COLORADO: 100 acres in cultivation; wide range; houses, barns; between two railroads; bar-gain; easy terms. Address M. W. Jones, 875 Marion St., Denver, Colo.

FARMS AND RANCHES \$4.50 UP. STOCK, dairying and farming. Corn, maize, kairr, sorghum, wheat, etc., raised. Good climate. Schools and churches. Write for particulars. Amistad Realty Co., Amistad, Union Co., N. Mexico.

FOR SALE—A FINE 40 ACRES, WELL improved, joins city limits Eskridge, Kansas. S blocks fine high school, all in fine alfalfa except 4 acres. 5 feet galvanized American poultry fence and 8 acres native pasture. S blocks fine church. Owner, James Montgomery, Eskridge, Kan.

FERTILE VIRGINIA FARMS ALONG Chesapeake & Ohio Rwy, at \$15 an acre and up on easy terms. Mild climate, rich soil, abundant rainfall, pientiful and cheap labor. Convenient to eastern markets, also to good schools and churches. Write for free illustrated farm home booklet, "Country Life in Virginia," and low excursion rates, Address K. T. Crawley, Indus. Agt., C. & O. Rwy., Room 1049, Richmond, Va.

FINE FARM FOR SALE—ONE OF BEST farms in Cottonwood Valley, in Marion county. 400 acres. 173 acres pasture. Balfalfa. Splendid house, 13 rooms, two large barns. All buildings and everything about the place in fine shape. 7 miles southeast of Marion, county seat, and 4 miles northwest of Florence. One mile from shipping point. For terms apply to M. W. Young, Overbrook, Kan.

Overbrook, Kan.

FARMS ON 14 YEARS' TIME, ONLY \$15
an acre, Rich black valley farms, Duval
county, Texas, only \$1 an acre cash, balance
fourteen yearly payments. No better land
anywhere for raising big money crops;
finest climate in U. S. Splendid for dairying and live stock; good water; practically
twelve monthin growing season. Will produce excellent crops of alfalfa, corn, forage,
such as sorgbum, Sudan grass, as well as
cotton and all vegetables including potatoes
(two crops) and the semi-tropical fruits
such as oranges, California grapes, figs.
Only a few of these farms for sale, 40,80
acres and up. Remarkable opportunity for
renters and those who want farm homes.
Prompt action necessary. Write today for
free book describing country, with maps,
plats, etc. A postal card will do. C. W.
Hahl Company, Inc., owners, 440 Commercial
Bank Bidg., Houston, Texas.

#### FARMS WANTED

Advertisements under this heading will be inserted a cents a word. Four or more insertions 414 cents a word ach insertion. No display type or illustrations admitted

WANTED: TO HEAR FROM OWNER OF farm or unimproved land for sale. C. C. Buckingham, Houston, Texas.

WANTED TO HEAR FROM OWNER OF farm or fruit ranch for sale. O. O. Matt-son, 72 Andrus Bidg., Minneapolis, Minn.

SELL YOUR FARM OR BUSINESS QUICK-ly for cash no matter where located; in-formation free. Black's Business Agency, Chippewa Falls, Wisc., Desk 9.

I HAVE SOME CASH BUYERS FOR SALE-able farms. Will deal with owners only. Give full description, location, and cash price. James P. White, New Franklin, Mo.

SEND DESCRIPTION OF YOUR FARM OR ranch. We have cash buyers. Don't pay commission. Owners only. Write National Real Estate Exchange Association, Peru, Illinois.

#### FOR SALE

Advertisements under this heading will be inserted at cents a word. Four or more insertions 44 cents a word ach insertion. No display type or illustrations admitted.

GOOD SMALL GAS TRACTOR \$325. S. B. Vaughan, Newton, Kansas.

FOR SALE-HEDGE POSTS; CARLOTS. H. W. Porth, Winfield, Kan.

LARGE BEAUTIFUL ORGAN. COST \$100 new and in excellent condition. Write Ida Larmer, Marysville, Kan.

NEW MOGUS EIGHT SIXTEEN. GREAT bargain if taken soon, sickness, bad luck cause. Elmer McGee, Blue Mound, Kan.

FOR SALE—HOUSE OF FIVE ROOMS and five lots in Fratt, Kan. Some fruit trees, well and mill, cement walks, in sewer district. C. W. King, Cullison, Kan.

sewer district. C. W. King, Cullison, Kan.

FINE TOPERA HOME FOR SALE—I WILL
sell my place in Topeka, located on the
most beautiful street in the city, near limits
of city, two blocks from street car, two
blocks from fine school, fine old shade, park
like surroundings, lot 61½ by 265 feet,
like surroundings, lot 61½ by 265 f

#### BEES AND HONEY

Advertisements under this heading will be inserted at scents a word. Four or more insertions 44 cents a word each insertion. No display type or illustrations admitted.

FOR SALE. NEW HONEY. SAMPLE AND prices on application. Glen C. Voorhees, Tranquillity, Calif.

HONEY—FANCY WHITE EXTRACTED, 2 60-lb. cans \$11,00. Light amber \$10,00. Amber \$8.50. Single cans 25 cents extra. Bert W. Hopper, Rocky Ford, Colo.

#### BUSINESS CHANCES

Advertisements under this heading will be inserted a cents a word. Four or more insertions 14 cents a word ach insertion. No display type or Mustrations admitted

WANTED—7 WISH TO BORROW MONEY on a well improved farm of 3600 acres in Decatur county, Kansas, Persons having money to loan please address "W. F.," Jennings, Kan., R. R. No. 1.

FREE FOR SIX MONTHS—MY SPECIAL offer to introduce my magazine "Investing For Profit." It is worth \$10 a copy to anyone who has been getting poorer while the rich, richer. It demonstrates the real earning power of money, and shows how anyone, no matter how poor, can acquire riches. Investing For Profit is the only progressive financial journal published. It shows how \$100 grows to \$2,200. Write now and I'll send it six months free. H. L. Barber, 425-28 W. Jackson Blvd., Chicago.

#### CREAM WANTED

Advertisements under this heading will be inserted a cents a word. Four or more insertions 44, cents a word ash insertion. No display type or illustrations admitted

CREAM WANTED—THE INDEPENDENT Creamery Company of Council Grove, Kan-sas, buys direct from the farmer. Writ, for particulars.

#### CALF MEAL

Advertisements under this heading will be inserted at scents a word. Four or more insertions 414 cents a word ach insertion. No display type or illustrations admitted.

RAISE CALVES AT HALF COST BY using Brooks Best Calf Meal. 100 lbs. \$15.00. Brooks Wholesale Co., Ft. Scott, Kan.

#### TOBACCO

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4% cents a word each insertion. No display type or illustrations admitted.

FOR SALE—40,000 POUNDS BEST LEAF tobacco. Mail stamps for samples. Anton Wavrin, Franklin, Ky.

#### MALE HELP WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 44 cents a word each insertion. No display type or illustrations admitted.

GOVERNMENT FARMERS WANTED. \$60 to \$125 monthly. Free living quarters. Write Ozment, 38F, St. Louis.

MOLER BARBER COLLEGE, MEN WANTed. Special fall rates. Write for free catalogue, 514 Main Str., Kansas City, Mo.

SALESMEN WANTED FOR FRUIT AND ornamental trees. Experience unnecessary. Outfit free. Pay weekly. The Lawrence Nurseries, Lawrence, Kan.

WE GUARANTEE YOU A GOOD POSITION paying from \$15 to \$25 per week by taking a course in Stuhl's Institute of Watchmaking and Engraving. 207 Altman Bidg., Kansas City, Mo.

MOTORMEN-CONDUCTORS: \$80 MONTH-ly. Interurbans everywhere. Experience unnecessary. Qualify now. State age. Book-let free. Electric Dept., \$12 Syndicate Trust, St. Louis, Mo.

SALESMEN FOR HIGH-CLASS TOBACCO factory: experience unnecessary. Good pay and promotion for steady workers. Complete instructions sent you. Pledmont Tobacco Co., Box R-36, Danville, Va.

FIREMEN AND BRAKEMEN: \$100 monthly. Experience unnecessary. Hundreds needed by the best railroads everywhere. Particulars free. 796 Railway Bureau, East St. Louis, Ill.

I WANT A MAN OF GOOD CHARACTER, aged 20 to 60 for my special realty representative. Experience unnecessary. Dignifed work. No canvassing. Part or whole time. Make money while learning. McDonnell, Dept. 157-Y, 1426 You St., Washington, D. C.

#### HELP WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 1/4 cents a word each insertion. No display type or illustrations admitted.

I CONDUCTED GOVERNMENT EXAM-inations. Can help you secure railway mail or other government positions. Trial examination free. Ozment, 38R, St. Louis.

U. S. GOVERNMENT WANTS CLERKS.

Men, women, 18 or over. \$75.00 month.

List of positions now obtainable free. Write

immediately. Franklin Institute, Dep't F 48,

Rochester, N. Y.

WANTED FARMERS—MEN AND WOMEN everywhere. U. S. government jobs. \$75 month. Short hours. Vacations. Rapid advancement. Steady work. Many appointments coming. Common education sufficient. No pull required. Write immediately for list of positions now obtainable. Franklin Institute, Dep't F 51, Rochester, N. Y.

#### LUMBER

Advertisements under this heading will be tneerted at 5 cents a word. Four or more insertions 414 cents a word each insertion. No display type or illustrations admitted

LUMBER. WI it cheap. Ser Tacoma, Wash. WHERE AND HOW TO BUY Send material list to Box 1502,

#### MISCELLANEOUS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 1% cents a word each insertion. No display type or illustrations admitted.

CHRISTMAS MONEY—WE BUY YOUR old copper, brass, rubber boots and shoes, rags, auto tires and tubes, anything in the junk line. Write for prices. Buckley Bros., Lyons, Kan.

CHOICE SELECTED PECANS 12½ CTS. prepaid, securely sacked. E. J. Dickerson, Tecumseh, Okla.

MAGAZINES—NEWSPAPERS. ONE-HALF price and upwards. Catalog free. H. G. Mosher, Schell City, Mo.

ASSISTANCE GIVEN OWNERS DESIRING farm loans; state amount desired. Farmers' Exchange, Denver, Colo.

WE PAY 10 CENTS EACH FOR FARMers' names and addresses. Send dime for application contract. Idaho Electrical Mfg. Co., Box 233, Pocatello, Idaho.

ALL FIFTEEN TO 35 CENT MAGAZINES, month old. Sent postpaid, five to ten cents each. Lists free. Central Magazine Exchange, 4 E. Lake St., Chicago.

LUMBER—WE SHIP TO CONSUMERS AT wholesale. Send us your itemized bills for estimate. Lowest prices on Bois D' Arc, codar and oak posts. Telephone poles and piling. McKee Lumber Co. of Kansas, Emporia, Kansas.

RADIATORS REPAIRED BY A NEW process, in one-half the time at one-half the former price. Will not deface, plug or cut off the tube. Send us your radiator today and get it back tomorrow. Goodin Motor Co., 242 S. Market, Wichita.

BIG WESTERN WEEKLY SIX MONTHS
10 cents. Biggest and best general home
and news weekly published in the West.
Interesting and instructive departments for
young and old. Special offer, six months'
trial subscription—twenty-six big issues—10
cents. Address Capper's Weekly, Dept. W.
A.-12, Topeka, Kan.

#### Crops of World and Kansas

Official crop estimates of the Northern Hemisphere, as obtained and published by the International Institute of Agriculture at Rome, show a total of wheat, rye, barley, oats and corn 2,129 million bushels more than in 1914, an increase of 18.7 per cent. The figures were never before equaled. The crops for the two years are here shown:

| 222    |               | 1915-Bushels.   | 1914-Bushels,  |
|--------|---------------|-----------------|----------------|
| Wheat  |               | 3.648,000,000   | 3,000,000,000  |
|        |               |                 | 1,030,000,000  |
| Barley |               | . 1,232,000,000 | 1,053,000,000  |
|        |               | 3,863,000,000   | 3,136,000,000  |
| Corn   | • • • • • • • | 3,576,000,000   | 3,152,000,000  |
| Tota   | 1             | 13,500,000,000  | 11,371,000,000 |

#### KANSAS.

Lane County—Weather dry and farmers about through with their fall work. Corn made a good yield and is worth about 50c, Wheat \$1; butterfat 34c; eggs 30c.—F. W. Perrigo, Dec. 24.

Wheat \$1: butterfat 34c; eggs 30c.—1. Norton Dec. 24.

Norton County—Six inches of snow last night. Corn husking about done. Much orn being sold. Farmers in good condition financially. Land is lower in price than anything else. Corn 56c; wheat 96c to \$1.—Sam Teaford, Dec. 24.

Marshall County—Favorable weather since December 18. A drizzling rain which froze immediately on December 15 and sleet on December 16. Corn husking almost finished. Wheat 96c; corn 58c; cream 33½c; eggs 23c.—L. Stettnisch, Dec. 23.

Linn County—A 15-inch snow fell Friday

eggs 23c.—L. Stettnisch, Dec. 23.

Linn County—A 15-inch snow fell Friday and we enjoyed a white Christmas. A larger acreage plowed this year than usual. Several of our boys are spending the holidays at Manhattan with the county farm agent.—A. M. Markley, Dec. 25.

Republic County—Corn about all husked and quite a lot of it being shelled. Three inches of snow December 23 which will greatly help the fall sowed wheat. Many sales being held at good prices. Wheat \$1; butterfat 36c; hogs \$6; eggs 25c; shelled corn 57c.—E. L. Shepard, Dec. 25.

Grant County—Fine weather for taking

Grant County—Fine weather for taking care of crops. Ground getting dry. Some snow last night and not much threshing done yet. Broomcorn seeding about finished, and a good deal of it has been sold at fair prices. Stock of all kinds doing well. Corn 56c; mile 85c.—J. M. Kinsman, Dec. 24.

Sumner County—Some of the late sowed wheat could stand a good level snow or a rain. Stock doing well this winter as it has been so mild. Plenty of feed for stock this winter. Some horses dying with blind staggers. Wheat \$1; corn 50c; oats 35c; kafir 42c; potatoes \$1; butterfat 33c; eggs 25c.—E. L. Stocking, Dec. 24.

Riley County—A 4-inch snow fell December 24 and it is still snowing. Most of the corn is in the cribs but there are still a few fields unfinished. This has been the warmest and nicest fall for husking corn I ever have seen. All stock doing well. Some corn and wheat going to market. Corn 58c; wheat 95c; hogs 6c; eggs 26c.—P. O. Hawkinson, Dec. 24.

inson, Dec. 24.

Ford County—A light snow December 24 but not enough to be of much benefit to wheat. Stock still on wheat pasture but some fields getting rather short. Farmers have plenty of other feed to get stock through. Farmers busy threshing katir and cane and shelling corn. Wheat \$1.05; corn 56c; cream 33c.—John Zurbuchen, Dec. 25.

#### OKLAHOMA.

Tillman County—Colder weather December 23 but it is warmer today. Corn shelling practically over and the yield was from 25 to 60 bushels to the acre. Wheat needs rain. Kafir being headed and threshed from the shock.—E. T. Austin. Dec. 25.

Canadian County—Weather dry and wheat needs rain. Stock doing nicely. Feeders getting discouraged with the price of fat stock and they think it better to sell the stock as stockers and sell the grain. Hogs \$6.40; corn 55c; wheat 95c; eggs 25c.—H. J. Earl, Dec. 25.

Improvement cuttings are needed in most woodlots. Remove the ripe and dead timber, and take out the crooked trees. Give the straight trees of the more valuable varieties a chance.

# BIG BARGAINS IN REAL ESTATE

Dealers whose advertisements appear in this paper are thoroughly reliable and the many bargains are worthy of your consideration

Special Notice discontinuance or-copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication to be effective in that issue. All forms in this department of the paper close at that time and it is impossible to make any changes in the pages after they are electrotyped.

J. P. Donahue, Mound Valley, Kan.

INTERESTED IN SOUTHERN KANSAS? Write Couch Land Co., Anthony, Kan.

CHASE COUNTY ranch bargains; 640 acres to 1600 a. Webb & Park, Clements, Kan.

240 ACRES all bottom land, well imp., to trade. Youngs Realty Co., Howard, Kan.

160 A. Hamilton Co. raw grass land, \$4.50 a. No trade. Walter & Patton, Syracuse, Kan.

480 A. ALL GRASS. Every acre can be cult. \$12.50 per acre. Box 215, German Col-onization Co., Plains, Kazsas.

207 ACRES, all grass. Abundance spring water; 4½ miles of two railroads; \$29 an acre. J. B. Fields, Alma, Kan.

FOR BUSINESS, homes or farms at Baldwin, Kan., seat of Baker University, write D. E. Houston & Co. Some trades.

IMPROVED Jewell Co. 240 acre farm crose to school. Water good. Price \$35 per acrc. J. H. King, Cawker City, Kan. \$1500 EASY TERMS. Half section good farm land, 9 miles from town; well soft water. J. A. Jackson, Syracuse, Kansas.

IMPROVED 40, 80, 160 and 280 acre farms. S. E. Kansas, N. E. Oklahoma. \$35 to \$50 acre. List free. Beatty, Coffeyville, Kan.

COFFEY COUNTY, Eastern Kansas. Good alfalfa, corn, wheat and tame grass lands. List free. Lane & Kent, Burlington, Kan.

WHEAT, OATS, CORN, ALFALFA lands. Famous Sumner County, Kansas. ½ wheat with farms. H. H. Stewart, Wellington, Kan.

1/2 SEC., 200 cult., 20 alfalfa, bal. pasture, well improved, spring and well. \$18,000. Terms. Hill & Murphy, Hoisington, Kan.

MORRIS CO. FARMS. 480 a., 240 pasture, 240 broke, all bottom. 115 alfalfa. Extra improved. \$60 a. S. L. Karr Real Estate Co., Council Grove, Kan.

HOME FARM 320, well imp. All good land. Fine growing wheat; possession any time. Big snap at \$6500, no trade, other farms. Buxton & Rutherford, Utica, Ness Co., Kan.

60 ACRES, new farm land, 6 miles from town, 3 room house, small barn, in Jackson Co., Kansas. Price \$4000.00. Terms.

80 acre farm 5 miles from town, 40 acres broke, bal, wild grass; all good farm land.

Price \$4000.00. Terms.

160 acres, 6½ miles from town; 130 acres farm land, ball, pasture; four room house and barn. Price \$8500. Terms.

The above are all good corn and alfalfa farms and are priced to sell. No trades. Address E. S. Dunn, Holton, Kaa.

FINE \$5500. 80 a. 3½ mi. out; fine imp. Decker & Booth, Valley Falls, Kan.

FOR LAND BARGAINS write or call on Towarda Realty Co., Towarda, Kan.

160 A. improved, good upland farm, 4 miles out; \$55.00 a. Easy terms.
J. M. Conlan, St. Marys, Kansas.

FOR REAL ESTATE BARGAINS in the great Neosho Valley, see or write S. M. Bell, Americus, Kansas.

IMPROVED FARMS for sale in German Catholic and Lutheran settlement. Write Jake Brown, Olpe, Kansas.

1,440 ACRE RANCH, improved, \$10 per acre, terms. 890 acre ranch near city, \$15. Cliff Tomson, Syracuse, Kan.

NORTHEAST KAN. Good improved farms in bluegrass section, \$60 to \$100. Send for list. N. Compton, Valley Falls, Kan.

WELL IMPROVED farms, near town and school; 80 acres, \$50 a.; 160, \$45 per a.; 240 a., \$38 per a.; 640, \$48 an acre. Terms. P. H. Atchison, Waverly, Kan.

WESTERN KANSAS land. Good wheat farms near Bucklin, Ford Co. Easy terms. Stevens and Haskell county land cheap. Good terms. H. J. Spore, Bucklin, Kansas.

80 ACRES 3 miles town, 30 blue grass, remainder cultivation; barn, house, plenty water. 10 acres hog tight; price \$4,500. \$1,000 down, bal, 6%.

Mansfield Land Co., Ottawa, Kan.

FOR SALE. Good 80 acre farm close to railroad and school; ½ in cult., bal. grass. Good imp. Price \$40 an acre. Terms. A. A. Murray, Westmoreland, Kan.

160 A. 2 mi. from R. R. town; 80 a. corn, 10 a. alfalfa, 15 a. hog pasture, bal. pasture and meadow; 6 room house, good barn; well and clatern. Very cheap, if sold soon. \$45.00 per acre.

Rosenquist & Renstrom, Osage City, Kan.

TREGO CO. 160 acres 8 miles from Ransom, 80 acres in cultivation, 80 acres fingrass; 40 acres more tiliable, on main road and telephone line. Don't wait to write come and see this. Price \$1,600.00.

V. E. West, Ransom, Kansas.

WE OWN 13,600 ACRES IN FERTILE Pawnee valley, smooth as a floor; best al-faifa and wheat land on earth; five sets of improvements; shallow water; will sell 80 acres or more. Frizell & Ely, Larned, Kansas,

160 A., 314 MI. OUT. IMP. FAIR. 130 cult., 30 grass, good water, fenced Second bottom. \$10,500. Mtg. \$4,000, 6%. Ed A. Davis, Minneapolis, Kan.

80 ACRES, ALL SMOOTH LAND and all in cult. but three acres; all good strong limestone soil, no stone, lays nice and level; a half mile to church and school. Good house 26x28. Price \$3200. Terms, W. H. Lathrom, Waverly, Kan.

SELL YOUR LAND AND LOTS AT
AUCTION.

It is the surest, quickest, most successful
method, proven by hundreds of auction
sales this season. For terms, etc., write
LAFE BURGER, LAND AUCTIONEER,
Wellington, Kan.

2-Rare Bargains-Choice level 160 a. farm, \$4 a. cash. Also well imp. alfalfa farm 168 a. Perfect title. Immediate possession, \$50 a. Terms. West-ern Real Estate Exchange Co.; Syracuse, Ks.

FINE STOCK FARM \$20 a c 3 miles from good high school town.

Emporia; highly improved, best confalfa, blue grass grows on this farm, for list of farms for sale.

T. B. Godsey, Emporia, Kansas.

Special Bargain for Quick Sale 170 acres fine bottom land four miles out; pumping plant, electric power. Great bargain. Write quick for description.
Chas. I. Zirkle, Garden City, Kan.

3 Good 80's within 3 miles town; fair improved, \$100. Good quarters, well improved, \$65 to \$85. Don't write but come and see. Mollohan Land Co., Peabody, Kan.

Chase County Ranch 423 acres, 100 cult. bottom, 75 a. alfalfa, bal. grass; fine improvements, creeks and springs; 2½ miles out. Price \$60 per a. Long terms on half or more.

A. J. Klotz & Co., Cottonwood Falls, Kan.

# ANE CO.

If you want to buy a farm or ranch, in the coming wheat, corn and stock county of the West, write me as we have bargains from \$8.00 to \$25 per acre. Both improved and unimproved. Let me know what size farm you want and how much you want to pay

the same. W. V. Young, Dighton, Kansas.

SUMNER COUNTY FARMS

160 a. 2 mi. of R. R. town; soil, black loam, all broke except 30 acres pasture; nice orchard, good water. Good corn, alfalia or wheat land. A real bargain; only \$6800. Terms on part. E. S. Brodle & Co., Wichita, Kan.

Graham County Grecian's Real Estate Bulletin No. 2 now ready. Farm views, crop statistics, land prices and other valuable information for men who want to make more money farming. ing Frank Grecian, Hill City, Kan.

80 Acres Only \$500
Only 7 ml. Wichita. Virgin black loam soil. New 5-room cottage, new barn, etc., \$5000; \$500 cash, \$500 Mch. 1st, \$500 yearly. R. M. Mills, Schwelter Bldg., Wichita, Kan.

Small Ranch-Plenty Water 480 acres deeded land Ness county, Kan.;
12 miles of fence and very reasonable lease
on 2,000 acres adjoining. Four room house,
good well with windmill and tanks at house
and barn. Spring in pasture that will water
1,000 head of cattle. 7 mi. from R. R. town.
Price \$20 per a.; half cash.
A. W. Buxton, Owner, Utica, Kan.

Dickinson County Bargain We never advertise till we have a real snap. 208 acres that is highly improved, large buildings, with elevator, dump. engine, feed grinder. This is one of the best upland farms in the county, six miles to town. For quick sale priced at \$72.50. Come and see this home. For information write Briney & Pautz, Abliene, Kan.

WHY PAY RENT?

80 a. 3½ mi. R. R. town; all good land; a. blue grass pasture, 15 a. clover, good r. house; barn 32x32; plenty fruit; good ater; close to school. Price \$67.50 per a. ter; close to school. Price \$67.50 00 cash, bal. 5 years 6%. Casida & Clark, Ottawa, Kan.

#### GRAHAM CO. HALF SECTION

½ mi. east of Morland, Kan., townsite. One of best corn, alfalfa and livestock farms in N. W. Kan. 160 a. cult., 160 pasture and hay land. 200 a. creek and river bottom. All fenced and cross fenced, 20 a. pasture lots under hog fence; 2 hog houses. Good young bearing orchard. Fine grove around house; young shade trees coming on. 8 room frame house; barn room for 15 head, and 2 vehicles. Good well on porch; windmill at barn. Good springs in pasture. Good school in Morland. J. E. Thompson, Morland, Kan.

Read This Ad—You May Find What You Want

By writing to J. C. Hopper, Ness City, Kan., you will get in touch with some valuable ranches from 1000 to 5000 acres each at low prices; also two, three and four year old feeding steers; two to three hundred head of young mules, ranging in age from two to four years; some first class stallions and jacks; good gelding farm teams, registered polled and horned Hereford males, ready for service. Some good wheat farms,

These things belong to customers of the CITIZEN'S NATIONAL BANK and I desire to help them and you. No trades, and no trouble to correspond with anyone meaning business.

# FOR SALE OR EXCHANGE

LAND and mdse for sale or exchange. Co-operative Realty Co., Humansville, Mo.

TRADES EVERYWHERE. Exchange book free. Bersie Agency, El Dorado, Kan.

LANDS for sale and exchange for western lands. John Goff, Willow Springs, Mo.

E. KANSAS farms in Catholic settlements. Exc. Frank Kratzberg, Jr., Greeley, Kan. IMP. FARMS, some in Catholic settlement. Exc. Severn & Hattick, Williamsburg, Kan.

BEST exchange book in U. S. 1,000 nonest trades. Graham Bros., Eldorado, Kan.

HEADQUARTERS for best wheat and alfalfa lands in Kansas; will exchange and assume. Jones Land Co., Sylvia, Kansas.

80 ACRE improved alfalfa farm, Lamar, Colo. Take half trade, time on balance. Write Haines & Conner, Hutchinson, Kan.

193 ACRES, Anderson county, Kan. Price \$8685. Mortgage \$2650. Want clear resi-dence property. T. M. Holcomb, Garnett, Ks.

INCUBATOR, brooder, bee hive and farm gate manufacturing business. Invoice \$8,000. Trade for land. Bader & Webster, Junction City, Kansas.

THREE HIGHLY IMPROVED alfalfa grain farms, eastern Kansas; encumbered one-third value. Want cash or clear property. Nathan Tate, Howard, Kansas.

TO EXCHANGE QUICK for mose. General stock preferred. 720 a. of all smooth, unimproved land located in Lane Co., Kan. No better soil in the state. Approximate value \$21 per a. I have all kinds of wheat and alfalfa land for sale. Address C. F. Edwards, Ness City, Kansas.

FOR SALE OR EXCHANGE.

A splendid shallow water relinquishment.

A bearing vineyard, good bearing orchard.

A \$20 acre irrigated alfalfa farm must be
disposed of on account of mortgage.

Oliney Realty Co., Oliney Springs, Colo.

For Sale or Trade

For livestock worth the money my equity of \$1500 in good 80 acre farm 3 miles from town. School on corner of farm; close to church. Good small house and barn. R.F.D. and phone line by farm. Most all in cult. Price \$4,000; if sold by Jan. 15. \$2,500 mtg. at low rate of int. If you mean business come quick, don't wait to write.

E. W. Lee, Harveyville, Kan.

BIGHAM & OCHILTREE sell and trade best corn, alfalfa, wheat land in U. S. Write for list, 116 N. 8th, St. Joseph, Mo.

160 A, 4½ mi. Soldier, Kan, All in cultivation; 4 r. house, small barn, good well; land lays good. Price \$12,000, mtg. \$5000 at 6%. Owner will trade equity for stock of mdse, 160 a, in Sheridan Co., 50 in cult, bal. grass. 3½ mi. from Guy. \$3200, mtg. \$750; will trade equity for rental property. N. Rasmus, Wetmore, Kan.

TRÂDE YOUR SHORTHORNS FOR LAND.
We have several good farms both improved and unimproved; priced to sell and will accept registered Shorthorn cattle as part or whole pay. If interested write today for description of land.
Jacob C. Good, Owner, Chickasha, Okia.

Homes in the Ozarks 180, well improved, \$2400. 120, well impr. \$1200. 40 a. well improved, \$600. 4400 acres best unimproved land in state for sale chear or exchange. Write us for lists and particulars. Ozark Realty Co., Ava, Mo.

FOR SALE OR TRADE

160 acre farm, 1 mile from town; phone, R.F.D. Fine dairy farm with plenty of spring water; creek through farm. Good, big house. Cow barn; horse barn, corn crib and granary; blacksmith shop; small orchard. Price \$8,000 with \$4,000 mig. Will take stallons and jacks or livestock of any kind for equity. I am no land trader but will give the right party a good proposition. Close to church and school. Write

J. W. Cook, Harveyville, Kan.

\$60 BUYS LAND WORTH \$80

160 a. 10 mi. E. Topeka. 80 a. cult. 2nd bottom. 80 a. pasture. All tillable. 25 a. alfalfa. 8 room house. Large barn. Never-falling water. Terms. Will make you money. Stephenson & Webb, Topeka, Kansas.

For Sale To Settle Estate

Splendid 280 acre farm; well improved; one of the best in county; \$45 per acre.

D. O. States, Admr., Buffalo, Kansas

CHASE COUNTY STOCK RANCH

540 acres 2 miles from shipping point. 100 acres best creek bottom, 75 acres alfalfa, timber, creek. 540 acres best bluestem pasture, running water, splendid improvements, No overflow, no gumbo, best combination in the county. Price \$25,000.00, liberal terms.

J.E. Boccook & Son,
Cottonwood Falls, Kansas.

Live Wire Land Bargains

368 a., 220 in cult., 200 a. in wheat, 7 ml. to Medicine Lodge, improvements, 1½ ml. to school, will exchange for land farther west, 200 a. in Washington Co., Kan., 140 a. in cult., 20 a. meadow, 40 a. pasture, ½ mile to market, some timber, fenced, 60 a. hog tight, 32 a. in alfalfa, new house, bank barn, other outbuildings, well and windmill, fruit, 40 rods to school, 1 ml. to church. Will exchange for western land.

Live Wire Realty Co., Wichita, Kansas.

Ness County Lands

Good wheat and alfalfa lands at \$15 to \$25 per acre. Fine crops of all kinds in 1914 and better crops in 1915. No better soil in Kansas. Land in adjoining countles on the east \$40 to \$75 per acre. Buy here while land is cheap. Write for price list, county map and literature. No trades.

Floyd & Floyd, Ness City, Kansas,

ARKANSAS

WRITE Dowell Land Company for bargains in Arkansas lands. Walnut Ridge, Ark.

40 ACRES, \$650. \$250 down, bal. four years. L. E. Smith, Lockesburg, Arkansas.

ARKANSAS LAND. Write us for prices and information about our products. H. H. Houghton & Son., Jonesboro, Arkansas

260 ACRES, well located, well improved farm.
Price \$6000; \$1000 cash, terms on balance.
P. H. Thompson, Ft. Smith, Ark. NEW RAILROAD, new town, cheap lands in the Ozarks, For information write C. C. Feemster, Immigrant Agent for the Ozarks Railway Co., Mountain Home, Ark.

WRITE FOR OUR BOOKLET "Bearden, the Eden of Arkansas." No rocks, hills, swamps, or overflows. Very healthy climate. Good lands. J. A. McLeod. Bearden, Ark.

160 A. black sandy loam, ½ in cultivation. Grow corn, wheat, oats, alfalfa, cotton, \$40 acre. Pike and railroad. Polk Real Estate Co., Little Rock, Ark.

WRITE FOR FREE "WARRANTY DEED" of farm bargains, improved, \$4.00 per acre and up. New Home Land Co., Opposite Union Station, Little Rock, Ark.

ARKANSAS—5,000 acres, fine level valley land; any size tract \$6 to \$12 per acre; third cash, bal. 9 yearly payments, Write for literature. Shaeffer Land Company, 641 Reserve Bank Bldg., Kansas City, Mo.

GOOD FRUIT FARMS on reasonable terms; dairy and stock farms, Good grazing land at \$5 per a. and up. A few good properties to exchange for income and farms. Call on or write M. C. Stevens, Rogers, Ark.

154 ACRES. 40 a. cult., 50 more can be; spring, 4 room house, good outbuildings. Handy to school and church. 6 miles railroad. Price \$750.00. Free list.
W. J. Copp. Callco Rock, Ark.

180 ACRES; 160 cult. 5 room res. 4 room tenant house; very rich loam. 6 miles of Jonesboro; rock road, R.F.D., phone. One of the best farms in Arkansas for the money. Price \$40.00 per acre. Terms.

Southern Land & Loan Co., Jonesboro, Ark.

FARMS as low as \$5 and \$10 per acre, located at the foot hills of the Ozark Mountains, in Independence Co... Ark. Description sent for the asking. Wright Halfacre Real Estate Co., Batesville, Ark.

1,820 ACRES RICH BOTTOM LAND.
325 acres in cultivation. 4 miles to town.
Good graded road. \$25,00 per acre. Will
trade for merchandise.
L. P. Coleman, Little Rock, Ark.

BIG CREEK VALLEY LAND, sur crops corn, oats, wheat, clover, alfalfa. \$10 to \$50 per acre. No swamps, rocks, meuntains, alkali or hard pan. Fine climate, water, schools, churches, neighbors and markets. Northern settlement, 15,000 acres already sold to satisfied homeseekers. Car fare refunded, if not as represented. Cash or long time, easier than paying rent. Write for free map and booklet.

Tom Blodgett, Little Rock, Arkansas.

200 Acres Highly improved.
200 fruit trees. 6
miles of Monticello, Ark. \$50 per a. Easy
terms. Address
William Beggs, Owner, Monticello, Ark.

#### OKLAHOMA

CHOICE Oklahoma lands at attractive prices. Address C. W. Smith, Kingfisher, Okla.

OKLA. LANDS. 46 to 500 a. tracts. Write for list. Roberts Realty Co., Nowata, Okla.

350 ACRES, 200 cult. 150 rough timber pasture, imp. Joins station. Good water. \$27.50 a. C. M. Smith, Crowder, Okla.

EASTERN OKLAHOMA land as good as the best, limestone soil, corn, oats, wheat, timothy, blue grass and alfalfa land. Selling cheap. Smalley & Stout, Afton, Okla.

400 ACRES, good land; 8 houses. \$35 per a. Good terms. Other lands. Charles Whitaker, Eufaula, Okla.

FOR FARM LANDS and pastures, where soil is fertile, rainfall ample, prices low, terms good, write Southern Realty Co., McAlester, Okla.

160 A. 2½ miles from town, 75 plowed; good soil; bearing orchard; 8 r. house, all kinds of outbuildings. Fine well, R. F. D. and phone. Price only \$3200. Terms on \$1,200. Free list and map.

Perry DeFord, Oakwood, Okla.

500 A. WASHITA VALLEY FARM.

1 mi. from railroad town; finely improved; fenced hog tight; 130 a. alfalfa, choice corn and alfalfa land: no better in Oklahoma.

\$70 per a., ½ cash, bal. time. Write for list of Oklahoma bargains.

Major Bros., Chickasha, Okla.

FOR QUICK SALE ½ section fertile land; ideal grain and stock farm. 200 a. cult., well fenced. 800 rods hog tight. R. F. D. and telephone. 3½ mi. railway town; good improvements, plenty pure water. Good neighborhood. 100 a. in wheat. Priced right. Write or wire, if interested. State A. & M. College located here.

Ed Thatcher, Stillwater, Okla.

#### Oklahoma Land For Sale

Good land in Northeastern Oklahoma; price from \$20,00 to \$35.60 per acre. Write for price list and literature. W. C. Wood, Nowata, Okla.

#### Dewey, Washington Co., Okla.

Located in a splendid oil, gas and agricultural country. Has two Steam railroads, one electric interurban, water works, sewer system, electric lights, natural gas, paved streets, free mail delivery, manufacturing plants, two National banks, splendid schools, the best county fair in the state and three thousand live energetic citizens. Want more folks like those afready here.

For information, write

Joe A. Barties, Dewey, Okla.

#### MISSOURI

STOP: LISTEN! 40 a impr, farm \$550. Other farms. McGrath, Mountain View, Mo.

FOR SALE: 40 a. close in. Well imp. Ideal location; \$1000. Weaver, Seligman, Mo.

BARGAINS in high class farm near Kansas City, Some Exc. L.W.Kircher, Cleveland, Mo.

100 ACRES, improved, near town, \$1500. 40 acres 1½ miles out, improved, \$650.00. W. A. Morris, Mountain View, Mo.

160 ACRES. well located; improved; good soil, close to town. Price, cash \$50,00. E. E. Dix, Clinton, Missouri.

344 A. stock or dairy farm; fine improvements, running water. Tame grass. Description furnished. \$35.00 a. Terms. N.L. Townsend, Owner, Mountain Grove, Mo.

POOR MAN'S CHANCE—\$5 down, \$5 month-ly, buys 40 acres good land, near R. R. town; some timber; price \$200. \$10 monthly buys 80 a. Write for list Box 425-0, Carth-age, Mo.

160 ACRES, 1 mi, of good R. R. town near Cape Girardeau; well improved, Produces 75 bu. corn, 5 cuttings alfalfa. Best land in U. S. Climate excellent; health good, \$50 per a. Warren L. Mabrey, Jackson, Mo.

SOUTHEAST MISSOURI LANDS—If you want to become independent, buy lands in Southeast Missouri, in the rich drained lands that raise anything and raise it certain. All I ask is a chance to "SHOW YOU." Prices are very reasonable. No trades considered. Write for literature and information. F. S. Bice, Oran, Missouri.

#### MISSOURI STATE FAIR BLUE RIBBON COUNTY-POLK.

The best bargains ever offered in real estate, 560 a. 20 miles from Bolivar, 400 a. cult., 80 a. timber, 80 a. timber pasture; level land, black soil, finely watered. Six room frame house, big barn. \$25 acre, ½ cash. We guarantee a bargain. 20 days only. Polk County Land Inv. Co., Bolivar, Mo.

#### Northwest Missouri Farm

262 acres, well improved; 1 mile county seat; good high school and college. Lost my wife, going to sell before January 16. Bargain if taken at once. Write

Box 427, Gallatin, Mo.

#### STOCK RANCH

280 a. in Henry Co., Mo., 10 miles E. of Brownington, on Frisco R'y. Open timber land, all under hog tight fence with one 40 fenced to itself. Small house, stable, cistern, etc. Only \$5,000, pay \$500 cash and \$500 yearly at 6% int.

H. P. Faris, Clinton, Mo.

#### **NEW YORK**

**Hundreds of European Farmers** Will come this year to buy farms in New York State. They will pay 20% more than Dresent low prices for our New York farms. Western farmers buying these farms now may make this profit easily. For list address McBurney & Co., Bastable Block, Syracuse, N. Y., or 768 Fisher Bidg., Chicago, Ill.

#### **COLORADO**

FOR SALE CHEAP—Fine Colorado farms that pay for themselves in one or two crops. O. W. Gale, Colorado Springs, Colo.

FOR SALE: Fruit tracts and irrigated farms in Northern Colorado. Write me what you want. A. H. Goddard, Loveland, Colorado.

FOUND-320 acre homestead in settled neighborhood; fine farm land; no sand hills. Cost you \$300, filing fees and all. J. A. Tracy, Ft. Morgan, Colo.

LAND FOR SALE. If some of you fellows that are looking for land don't come out here pretty soon and get some of the \$10 and \$15 Russian thistle land, I am going to quit telling you about it. I have herded sheep for a living and can do it again. Harry Maher, Deer Trail, Mo.

#### Wheat Farms in the Rain Belt

Wheat farms in the Rain Belt
We can sell you good improved and unimproved farms in Elbert County, Colo., from \$12.50 to \$25.00 per acre; close to town and railroad. Good community. These lands are producing as high as 38 bushels of wheat and 74 bushels of oats per acre. Corn will make from ten to forty bushels. Some farmers this year are getting as high as \$390.00 per acre for potatoes. The low lands will produce between four and five tons of alfalfa per acre without irrigation. Our terms are four hundred dollars down, four hundred dollars at the end of two years and the balance to suit purchaser. Investigate this, buy while land is cheap. Plenty of soft water can be obtained. Join the rush to Simla, Elbert County, Colorado. Lands advancing rapidly. Live agents wanted. Address H. P. Vories, 35 Opera House Bik., Pueblo, Colo.

#### **NEBRASKA**

I HAVE FINE ALFALFA FARMS in tracts from 160 acres to 1000 acres, and best corn and wheat land at prices from \$8 to \$30 per acre. These prices will not last long. Write me today.

A. T. Cowings, Benkelman, Neb.

FINE LITTLE RANCH—480 a., 200 fine cult., bal. fine pasture, well fenced; ample bldgs., good condition. Station 6 mi. McCook, Neb. (Pop. 4,000). 11 mi. good roads. School 1½ mi.; phone and R.F.D. Best small ranch in county. \$25 per a., ½ cash, bal. any time desired, 5%. No trades. Write R. A. Simpson, Owner, Blue Hill, Neb.

#### NEW MEXICO

#### Improved Irrigated Farm

close to Carisbad, N. M. All under irrigation and all in alfalfa, wheat and oats. Beautiful new 6 room bungalow, Railroad and automobile roads pass the farm; very best of soil and climate—can't be beat. Great place for fruit, fish and game. Inhabitants well-to-do and of the good sort. Carisbad is a beautiful city of 4,500. Price \$125 per acre and nothing like it can be bought in the valley for the money. Will take in part payment land that can be rented and give time on balance or will take full amount in rental land that is priced right. The water is a government proposition and there is ten times more water than can possibly be used. Write owner.

D. W. Stone, Medicine Lodge, Kansas.

#### **IDAHO**

D TORNADOES IN IDAHO—Rich soil; mild climate; ample water; fair prices, ock ranches, 7360 acres and 960. Farms, acres up. Price on request.

H. W. Arnold & Co., Boise, Idaho.

#### **FLORIDA**

### FLORIDA LANDS

Wild and improved, from 40 acres to 100,-000 acres. Colonization tracts and grazing lands a specialty. Refer to any bank here. Arthur T. Williams, Jacksonville, Fla.

#### TEXAS

BARGAINS IN FARMS and ranches, improved and unimproved, Midland, Upton and Glasscock counties; 70,000 acres for saleright. Henry M. Halff, Owner, Midland, Tex.

#### WISCONSIN

30,000 ACRES cut-over lands; good soil; plenty rain; prices right and easy terms to settlers. Write us. Brown Brothers Lumber Co., Rhinelander, Wis.

#### WYOMING

320 ACRE HOMESTEADS. Will locate for \$100. A. P. Knight, Jireh, Wyoming.

#### FARM LOANS

FARM AND CITY MORTGAGES a specialty.
Write us if you wish to borrow.
Perkins & Co., Lawrence, Kan.

FARM LOANS, Missouri, Kansas, Oklahoma and Arkansas, low rates, liberal privileges, most favorable terms. No delay. You get all you borrow. The Deming Investment Co., Oswego, Kan. Branch offices: Wichita, Kan.; OklahomaCity, Muskogee, Durant, Okla.; Little Rock, Ark.

## Market Half a Million Hogs

#### Receipts Last Week Largest in the Year-Prices Advance for Fat Steers and Wheat

#### Receipts of Livestock.

| Last                          | Preceding | Year    |
|-------------------------------|-----------|---------|
| Cattle week.                  | week.     | ago.    |
| Kansas City 26,400            | 46.700 .  | 15,525  |
| Chicago 47,500                | 56,500    | 21,400  |
| Five markets112,800<br>Hogs—  | 166,700   | 59,300  |
| Kansas City 63,550            | 63,550    | 33,400  |
| Chicago243,000                |           | 194,000 |
| Five markets505,550<br>Sheep— |           | 334,800 |
| Kansas City 20.900            | 39,250    | 16.150  |
| Chicago160.000                | 96,000    | 70,000  |
| Five markets177,000           |           | 109,350 |

#### Horse and Mule Market.

Most of the arrivals at the Kansas City horse barns this week were light weight mules on direct billing to British agents. No domestic trade was reported and none is expected for the next 10 days.

Receipts in the past seven days were 1,333 head, compared with 1,100 in the preceding week and 968 a year ago.

Prevailing quotations are:

| Drafters 1,700 pounds up  | \$200@250 |
|---------------------------|-----------|
| Drafters, fair to good    | 165@195   |
| Chunks                    | 135@175   |
| Southerners, fair to good | 75@170    |
| Mules-                    |           |
| 13.2 to 14.2 hands        | \$100@125 |
| 14.2 to 15.2 hands        | 115@140   |
| 15.2 to 16 hands          | 135@180   |
| 16 to 16.2 hands          | 180@240   |
|                           | ALC: NO   |

#### More Demand for Wheat.

More Demand for Wheat.

Greatly increased foreign demand for wheat developed last week, and advices from abroad said that the principal importing countries must depend on the United States and Canada for current requirements for some time to come. The enlarged export business, together with indications of diminishing primary receipts, gave increased confidence to speculators for a rise, and prices advanced 6 to 9½ cents, with the greatest rise in Chicago December wheat, and the least advance in the July deliveries. The market closed near the best prices Friday with advances of 23½ cents in Kansas City and 35 cents in Chicago from the low levels of the season, made early in September.

In the five business days of last week export sales aggregating nearly 6 millions were announced, with the United Kingdom the chief buyer. Probably the actual sales exceeded the quantities reported. If ocean shipping conditions were normal, importing countries would now be depending largely on 'ustralia and Argentina for the next six months' supplies, for those two countries have a surplus of about 200 million bushels, and the grain would be pressed for sale. But an ocean vessel can make two or three trips between America and Europe while it is making one from the far southern coun-

#### Ship Us Your Stock That You WanttoMarket

Our twenty years' experience on this market will save you money. Each department is looked after by competent men. Our weekly market letter will be sent free upon request. See that your stock is billed to us.

Ryan-Robinson Commission Co. 421-5 Live Stock Ex., Kansas City, Mo.

The range of prices for the various grades of hogs is as follows:
Choice hogs, 200 to 250 pounds. ... 6.306.50
Choice hogs, 200 to 250 pounds. ... 5.006.40
Pigs ... 5.006.45
Pigs ... 5.006.45
Prices for fat steers last week advanced to to 25 cents. Receipts were materially smaller than in previous weeks, though more than doubt those of a year ago. The best grades and were unchanged for others.

Shipments of stockers and feeders were 17,000. Prices advanced 10 to 25 ca about the second week of the market is toward weakness on beef cattle, while there generally is an advance of 250 c about the second week of the month on stockers and feeders. This rule held good last January; in fact, was aggravated in the case of killing cattle, while there generally is an advance of 25c to 75c about the second week of the month on stockers and feeders. This rule held good last January; in fact, was aggravated in the case of killing cattle, while there generally is an advance of 25c to 75c about the second week of the month on stockers and feeders. This rule held good last January; in fact, was aggravated in the case of killing cattle, while there generally is an object to 25c about the tendency has been strong since, and choice lambs would now bring around \$8.90, medium fleshed lambs \$8.50, to \$8.75, feeding lambs \$8 to 18.25. The market has not been fully tested on sheep, but choice light yearlings are worth up to \$7.60, heavy yearlings \$7.50, wethers \$6.50, ewes \$6.10. Strong markets are expected after the first of the year, although cheap pork and beef are off-setting the effect of the short crop of fed lambs and sheep.

Receipts of Livestock.

Last Preceding Year.

Little Reserve in Europe.

Little Reserve

Corn is in Demand.

Comparatively moderate movement of corn is construed by traders as a confirmation of smaller yields than officially reported, and this is the basis for most of the buying.

Receipts of corn in western markets last week were 2,842 cars, about 7 per cent less than in the preceding week and less than one-half as large as a year ago.

Demand for carlots of corn in Kansas City for shipment to northern districts continued brisk and prices are 2 to 3 cents higher than a week ago. Colder weather is expected to further enlarge requirements of feeders.

Stocks of corn in Kansas City increased 35,000 bushels and amount to 1,392,000 bushels, compared with 405,000 bushels a year ago. Chicago received 835,000 bushels and amount to 1,392,000 bushels, compared with 405,000 bushels and year ago. Chicago received 830,000 bushels and mount to 1,392,000 bushels, about 5% million bushels less than a year ago.

Hard Wheat—No. 2, nominally \$1.140.1.11; No. 4, \$1.01.01.11; No. 3, nominally \$1.100.1.17; No. 4, \$1.01.01.17.

Corn—No. 2 white, 68c; No. 3, 674c; No. 4, 6634c; No. 2 yellow, 694c; No. 3, 68c; No.

Corn—No. 2 white, 68c; No. 3, 674c; No. 664c; No. 2 yellow, 694c; No. 3, 68c; No. milked, 68c; No. 3, 674c; No. 4, 664c; No. 65c.

2 mixed, vo. 1 white, nominally 43@43½c; No. 3, nominally 42@42½c; No. 4, 40½c; No. 2 mixed, nominally 33@40c; No. 3, nominally 33@39c; No. 4 red, 38c.

Kafir—No. 2 white, 98c; No. 3, 98c; No. 4 95c

4, 35c.
Bran—1 car 87c. Shorts—Nominally 98c@
\$1.05. Corn Chop (city mills)—\$1.30@1.35.
Seed—A cwt., alfalfa, \$15@18; clover, \$14.50
@17; timothy, \$5.50@6.50; cane seed, \$1.05@
1.20; millet, German \$1.95@2.15, common
\$1.75@2.

#### The Kansas City Hay Market.

Total receipts of hay this week wers 697 cars, compared with 810 cars last week and 458 cars a year ago.
Quotations follow: Prairie, choice, \$3,50 (20); No. 1, \$869; No. 2, \$6,50,67.50; No. 3, \$4,50,66. Lowland prairie, \$4,65. Timothy. No. 1, \$11,612; No. 2, \$6,50,615; No. 3, \$66 \$50; clover mixed, choice, \$10,611; No. 1, \$8,50,9.50; No. 2, \$6,50,615; standard, \$10,613; No. 2, \$7,50,69.50; No. 3, \$5,50,67. Straw, \$5,65,50. Packing hay, \$3,50,64.

#### Butter, Eggs and Poultry.

Butter, Eggs and Poultry.

Eggs—Extras, new white wood cases included, 27½c a dozen; firsts, 25½c; seconds, 19c; storage, April, 21@21½c.

Butter—Creamery. extra, 33c a pound; firsts, 31c; seconds, 29c; pound prints, 16 higher; packing stock, 19c.

Live Poultry—Broilers, under 2 pounds, 15c; springs, 13c; young roosters, 11c; old, 8½c; hens, 4 pounds or over, 11½c; under, 9½c; turkey hens and young toms, 17c; old toms, 15c; ducks, 11½c; geese, 11@13c.

#### Cutting Back Shade Trees

In a late issue of the Farmers Mail and Breeze I read the following:

In setting out shade trees and shrubber, cut back the tops severely to balance the lessened root systems.

This is good advice but there are several ways of cutting back the tops of shade trees. Many think to hack off the top square across is right, and hundreds of shade trees are spoiled by it. Such treatment makes the top too low and broad. Shade trees should trained up, and out of the way. I have found the best results come from trimming to a single stalk. Then when they bud out rub off when too thick or too low. This is especially true of White Elm, a tree that needs lots of pruning and will pay well for all attention given it. The roots, too, where bruised, should be cut off square. They will heal more quickly and start growth sooner.

Bluff City, Kan.

Remember that turkeys are of a roams ing disposition and must not be kept in confinement.

James Glover.

#### A Good Horse Outlook

Good sound geldings, weighing more than 1700 pounds, have averaged around \$300 a head recently, and the demand for the good ones is steadily increasing. Well informed market men estimate, from a knowledge of horses already exported, that approximately half a million horses have already been sold on war orders. The value of these is close to 100 million dollars, and the demand seems greater than ever. Buyers are scouring the country in every conceivable district, in the United States, and even in northwest Canada. Every effert is being made to buy as cheaply as possible, but artillery horses promise to cost more before the war is over. Fully 90 per cent of the artillery horses are sired by draft stallions, out of small mares, and the demand for draft stal-

History shows that the sheep has been a domestic animal since the beginning, supplying food and clothing for ning, supplying food and clothing for man. Through all civilization the pastoral industry has figured prominently in the making of the world's history. Records show that in the development of the sheep industry in the leading foreign countries very strict laws protecting the sheep industry were originally enforced. For a time in Great Britain, for avanually to expert a sheep was a for example, to export a sheep was a crime punishable by death and the importation of wools from foreign countries was strictly forbidden. The wisdom of the enforcement of such laws is shown by the fact that today the sheep industry in the British possessions is

Sheep Farming Will Pay

BY JOHN M. JONES.

importance that the sheep industry of America should receive every aid and encouragement possible in order to pro-mote this essential and profitable branch

of livestock production.

In order to present the seriousness of the situation, it might be stated frankly that were the United States to become involved in a long war with Great Britain, our annual imports of nearly Britain, our annual imports of nearly 250 million pounds of wool would be almost entirely shut off and the demand for wool would be twice as large as the available supply. It may not become necessary to depend wholly upon our wool supply, but in view of the fact that the sheep hysimass can be according. that the sheep business can be conducted on a profitable basis in the United States, farmers should lose no time in engaging more extensively in this line of livestock production.

#### Many Herds for Denver

Preparations for the coming National Western Stock show, which opens in Deaver January 17, and continues antil the following Saturday, are being pushed vigorously. Entries are so numerous that the association has been compelled to arrange with the stockyards company for increased facilities. Additional new cattle sheds are being erected. It is expected that there will be in the purebred cattle classes about 15 herds purebred cattle classes about 15 herds of Shorthorns and 20 herds of Here-fords, with Augus and Galloway cattle

showing stronger exhibits than ever.

This will be a big livestock show, and there is more than usual interest among the stockmen over the competitions. tions in the various breeds.

The horse show also will be much

larger and stronger than ever, and will include some of the greatest stables in this country.

#### Selection of Ewes

BY JOHN M. JONES.

It is practically impossible to buy purebred ewes in large numbers, and this being true, it is recommended to the beginner in flock management to purchase a uniform lot of high grade purchase a uniform lot of high grade ewes. These ewes should be bred to a pure-bred ram of desired type, and the offspring resulting will show a marked resemblance to their sire. A marked improvement will be noted in the lambs over their dams. The ewe lambs should not be bred until 16 to 18 months old. As the flock increases some culling will have to be done and the breeder The importance of the sheep industry seems to have been overlooked in bygone years by those not intimately associated with it. This statement is borne out by the fact that for several years the sheep industry of the United States has been steadily declining despite the fact that there is a growing demand for sheep and wool products.

will have to be done and the breeder should bear the following points in mind at culling time:

(1) The culling should be done before the breeding season in the fall, and those ewes that have not been good producers and did not supply enough milkducers and did not supply enough milk to raise a good lamb should be eliminated from the flock.

Broken mouth ewes-those with

lost teeth—should be eliminated.

(3) Those with spoiled udders and the non-breeders should be sent to the shambles, also. It would be well for the breeder to keep a watchful eye on the ewes while they are suckling their lambs and mark the ewe that does not raise a good lamb; then after the weaning sell such ewes that failed to produced in the united States aggregated 290, 192,000 pounds, an amount but slightly greater than that imported.

There is a demand for every pound of wool produced in the world at the present time, and it is of the utmost

lost teeth—should be eliminated.

(3) Those with spoiled udders and the non-breeders should be sent to the shambles, also. It would be well for the watchful eye on the breeder to keep a watchful eye o lost teeth—should be eliminated.

(3) Those with spoiled udders and



Better Farm Horses Are Needed in Kany and the Future Indientes That an Investment Along This Line Will Pay Well.

lions is gaining in consequence, especially on the western ranges. Ranch-men have been able to obtain much higher prices there for their grade draft-ers than for any of their light horses, and the lesson has been driven home in dollars and cents.

All breeds of draft horses in Europe have been heavily drawn on for war purposes, and the Belgian breed has been practically destroyed. Percherons also have suffered, for the need for herses on guas and transports has been so great that virtually all available herses have been taken by the army. M. Miteau, foreman for one of America's importers, who is a very reliable observer, traveled all through the Perche district in July and August of this year, and reports that all horses 3 years old or over, except the most valuable stud stallions or mares pursuingly valuable stud stallions, or mares nursing foals, have been commandeered, and that it would not be possible to find 200 stallions suitable for export to America, even if exportation were al-lowed. This drives home, most force-fully, the fact that American horsemen must depend on the produce of American studs for draft sires, for many years to come. Exports to foreign countries will unquestionably occur before we have any

more importations.

American bred horses have been brought forward this year as never before, exceeding in type and size those of previous years. The most important development in the past eight months has been seen in the marked preference given to colts that have been so liberally fed as to permit of full development. Such colts have sold readily at prices that have left a handsome profit to the breeder. Half starved or stunted colts have met with slow sale and at low

prices The horses which win championships our largest shows, against the best of imported horses, never knew what it was to be hungry from the time they were foaled. Oats, bran, bluegrass pas-ture and alfalfa hay furnished most of the ration, and the colts had all they would eat up clean.

Percheron breeders in America have the best of Percheron blood, and a great opportunity to develop this breed. Those who meet it adequately will reap both fame and fortune.

Wayne Dinsmore.



demand for sheep and wool products.

far ahead of the industry in America,

or any other country.



A Special Effort is Necessary in every Flock in Savir Well Bred and Which Also are Good Mothers.

#### WHAT BREEDERS ARE DOING

FRANK HOWARD, ger Livestock Department.

#### FIELDMEN.

A. B. Hunter, S. W. Kansas and Okla., 614 So. Water St., Wichita, Kan. John W. Johnson, N. Kansas, S. Neb. and Ia. 820 Lincoln St., Topeka, Kan. Jesse R. Johnson, Nebraska and Iowa 1937 South 16th St., Lincoln, Neb. C. H. Hay, S. E. Kan. and Missouri. 4204 Windsor Ave., Kansas City, Mo.

PUREBRED STOCK SALES Claim dates for public sales will be public free when such sales are to be adverted in the Farmers Mail and Breese. Other tee they will be charged for at regular

Jacks and Januaris.
Feb. 3—A. E. Limerick & Son, Columbia, Mo.
March 7 and 8—L. M. Monsees & Sons,
Smithten, Mo.
Mar. 20—G. C. Roan, La Plata, Mo.

#### Percheron Horses.

Jan. 13—P. G. McCulley, Princeton, Me. Jan. 17—Lee Brothers, Harveyville, Kan. Sale at Manhattan. 21—L. R. Wiley, Sr., Elimdale, Kan. Sale at Emporis, Kan. Feb. 24—C. B. Warkentin and others, Newton, Kan. Sale at Hutchinson State Fair grainds.

#### Percherens and Other Draft Breeds.

Jan. 25, 26, 27, 28—Breeders' Sale Co., Bloomington, III.; C. W. Hurt, Mgr., Arrowsmith, III.; C. W. Hurt, Mgr., Feb. 23, 24, 25—Nebraska Purebred Horse Breeders' association sale, Grand Island, Neb. C. F. Way, First National Bank Bldg., Lincoln, Neb., secretary.

#### Coach Horses.

Jan. 18-Jos. Wear & Son, Barnard, Kan. Sale at fair grounds, Beloit, Kan.

Combination Breeders' Sale. an. 25 to 28-F. S. Kirk, Mgr., Enid. Okis. Feb. 15 to 18-F. S. Kirk, Mgr., Wichita,

#### Shorthorn Cattle.

Jan. 12—J. W. Smith, Beloit, Kan.
Jan.. 20—Richard Roenigk, Morganville,
Kan., at Clay Center, Kan.
Feb. 5—Frank Uhlig, Falls City, Neb.
March 22—Raben Harshbasger & Son, Humboldt, Neb.
March 23—Ben Lyne, Oak Hill, Kan. Sale
at Abilene, Kan.

#### Hereford Cattle.

Carl Behrent, Oronoque, Kan. Sale at Norten, Kan.
March 6—Kansas Hereford Breeders, Manhattan, Kan. Prof. W. A. Cochel, Mgr.

#### Holstein Cattle.

Jan. 27-E. S. Engle & Sons, Abilene, Ran. Polled Durham Cattle Feb. 11-T. M. Willson, Lebanon, Kan.

#### Poland China Hogs.

Foliad Chies Hops.

Jan. 5—S. E. Wait, Bine Moued, Kan.
Jan. 22—L. R. Wiley, Sr., Elmdale, Kan.
Sale at Emporia, Kan.
Jan. 18—D. C. Lonergan, Florence, Neb.
Jan. 21—A. F. Blinde, Johnson, Neb.
Jan. 25—A. J. Swingle, Leonardville, Kan.
Jan. 25—W. J. Crow, Webb, Is.
Jan. 25—W. J. Crow, Webb, Is.
Jan. 25—J. L. Griffiths, Riley, Kan.
Jan. 31—S. A. Nelson & Sons, Malcolm, Neb.
Feb. 1—Thos. F. Miller, York, Neb.
Feb. 1—W. Z. Baker, Rich Hill, Mo.
Feb. 3—Frazer Bros., Waco, Neb.
Feb. 3—H. J. Beall and Wisel Bros., Rocs.
Neb.

#### Duroc-Jersey Hogs.

Jan. 5—Glen Keesecker, Washington, Kan. Jan. 19—J. O. Hunt, Marysville, Kan. Jan. 24—Geo. Briggs & Sons, Clay Center, Neb. 2—Martin Kelly, Verdon, Neb. 5—J. H. Proett & Son, Alexandria, Neb. Feb. 24—J. M. Layton, Irving, Kan. Mar. 10—W. C. Whitney, Agra, Kan.

#### . Chester White Hogs.

Jan. 26—Amos Turner, Wilber, Neb. Feb. 24—J. M. Layton, Irving, Kan.

#### S. W. Kansas and W. Oklahoma

#### BY A. B. HUNTER.

L. R. Wiley, Sr., Elmdale, Kan., will offer 50 registered Percheron stallions and mares at auction, Friday, January 21. The sale will be held at the Pyle barns, Emporia, Kan. This location will give splendid railroad facilities for patrons to attend. The offering will consist of 38 Percherons and 12 Belgians, including both imported and home bred and a large variety from which to select. We especially wish to call attention to the strong offering of hig draft brood mares. Perhaps 25 of these mares,

Ben Schneider, the big breeder of pure-bred, registered Holstein-Friesian cattle at Nortonville, Kan., is offering in this issue of Farmers Mail and Breeze, four regis-tered Holstein bulls. Two of these are ready for service now. They are all out of A. R. O. cows. Mr. Schneider has one of the most select and highest producing herds of Holsteins in the state. The bulls he is offering are strictly high class and are priced worth the money. Write him for particulars and mention Farmers Mail and Breeze.—Advertisement.

Black Percheron Stallion.

Black Percheron Stallion.

In this issue M. E. Gideon, Emmett, Kan, is starting his advertisement and is offering for sale a splendid black Percheron stallion 2 years old. He was sired by the imported stallion Joquet and out of the imported stallion recently and he is a splendid young fellow and sound as a dollar. Mr. Gideon is a young farmer and breeder at Emmett, 28 miles north of Topeka. He is in the purebred stock business right. He breeds Percherons, Herefords and Duroc-Jerseys. He owns a fine farm and is up to date in everything. He is a reliable breeder and if you want such a stallion you should get in touch with Mr. Gideon at once. Write him for full particulars and mention the Farmers Mail and Breeze.—Advertisement.

Shorthorn Dispersion Sale.

Shorthorn Dispersion Sale.

J. W. Smith, Belott, Kan., is advertising his big dispersion sale of Shorthorn cattle in this issue. The sale will be held at his farm, 2 miles from Beloit, Wednesday, January 12. Fifty-two head go in the sale, consisting of 13 buils, including Gallant Knight Star 381386. There will be 25 cows and heifers that are bred and will drop calves before May 1. Also 15 comnig yearling heifers, This herd was established about four years ago when "Jack" Smith topped, or bought close to the top, in three of the best Shorthorn sales made in central Kansas—the William Wales Shorthorn dispersion, the C. E. McKinnie dispersion and the A. J. Shillinger dispersion. Gallant Knight Star, by Gallant Knight, is a buil that has proven himself a sire of merit. All of the young stuff in the sale is by him and the cows and heifers are bred to him. This dispersion should be of interest to every breeder of Shorthorn cattle in north central Kansas. It is a strong offering of cattle in ordinary flesh without any attempt to fix them up for sale. Mr. Smith is one of Mitchell county's well to do farmers and stock raisers. Write him today for his catalog and mention the Farmers Mail and Breeze.—Advertisement.

Graner's Percherons and Shorthorns.

Graner's Percherons and Shorthorns.

W. H. Graner, Lancaster, Kan., is an extensive breeder of Percheron horses and Shorthorn cattle. He starts his advertisements in this issue of the Farmers Mail and Breeze. He is offering 10 stallions that range in ages from 2 to 4 years. Also two tried ton stallions that are money makers. Brilliant breeding predominates in the herd and every animal is sold fully guaranteed. He is also advertising in the Shorthorn section 10 yearling buils that are big, rugged fellows, all registered and ready for business. They are reds and roans. This is an offering of yearling buils that is right in breeding and individual merit. Lancaster is on the main line of the Missouri Pacific and about 12 miles from Atchison. The Graners have lived in Atchison county in the same neighborhood all of their lives. Will and Henry Graner are both well known purebred stock advocates and have made money out of the purebred stock business. They are the kind of men it is a pleasure to deal with and are well fixed financially. Henry Graner is a well known breeder of Poland Chinas and will hold a big bred Sow sale February 17. Write W. H. Graner, at once about Percheron stallions or Shorthorn bulls.—Advertisement.

Blue Ribbon Percheron Sale.

Blue Ribbon Percheron Sale.

Lee Brothers of Harveyville, Kan., are making preparations for their coming Percheron sale at Manhattan. This sale will be held in the State Agricultural colege sale pavilion Monday, January 17. This is the fourth annual sale Lee Brothers have held at Manhattan and it is decidedly their best offering. This will mean much to the patrons of former sales for the offerings they have made in previous sales were as good as the best. The present offering will include 40 head; 30 mares and 10 stallions. About 20 of the mares will be bred to the good herd stallion, Scipion. This stallion is a grand champion himself and is the sire of many grand champions. Included in this sale will be a number of his sons and daughters that have won championship honors in the leading western state fairs. Most of the stallions are by Scipion, a number of them old enough for service. All of last year's show herd will be included excepting Scipion. Of the show borses we mention the grand champion mare of two state fairs, first and reserve champion 2-year-old stallion, first prize junior yearling filly, and first prize junior yearling stallion. The last three sired by the great Scipion. The catalog for this sale is ready to mail. It, contains pictures of about 30 of the offering. Write for yours today and mention Farmers Mail and Breeze.—Advertisement.

German Coach Horse Sale.

German Coach Horse Sale.

Joseph Wear & Son's big Oldenburg German Coach horse sale, which is to be held at the fair grounds, Beloit, Kan., Tuesday, January 18, should command the attention of all lovers of the beautiful and service-able German Coach horse. The Wears are probably the most extensive breeders of these horses in the West. In 1912 and 1913 they exhibited at the western fairs, a string that attracted a great deal of attention. This sale is a draft sale of surplus stock, among which are nine young stal-

20 Percherons and five mature Belgian mares, will be showing safe in foal to the splendid imported stress Loke and Packard who both sell in this sale. Young stallions and fillies will also be sold and to those for or mares this will be a great opportunity to select the right kind. Write today for 'illustrated catalog. Please ment.

N. Kansas and S. Nebraska

By JOHN W. JOHNSON.

Ben Schneider, the big breeder of purebred, registered Holstein-Friesian cattle at Nortonville, Kan, is offering in this issue of Farmers Mail and Breeze, four registered Holstein bulls. Two of these are all Breeze when you write.—Advertisement.

Angus Service Bulls.

Angus Service Bulls.

H. L. Knisely & Son, Talmage, Kan., (Dickinson county), are starting their Angus cattle advertisement in this issue of the Farmers Mail and Breeze. They are offering a choice 3-year-old bull, one 2 years old and 12 yearlings. The bull at the head of the herd is Mulvame Prince Albert, bred by Streeter & Son. He is a ton bull, easily, and sires the kind that sells readily. The bulls of quality and is offering are all bulls of quality and have more size and bone than is usually found. This is one of the requirements that Mr. Knisely has always made in buying and it is showing its good fruits in the present offering of young bulls. Look up their advertisement in this issue of the Farmers Mail and Breeze and write them for further information and prices.—Advertisement.

#### Nebraska

BY JESSE R. JOHNSON.

C. A. Lewis, Poland China breeder of Beatrice, Neb., is advertising 10 boars, ready for service and weighing 200 pounds each, at the low price of \$25 each, while they last. Write him quick and mention this paper.—Advertisement.

Lonergan Sells Polands.

Cone of the first important Poland China sales of the winter will be the D. C. Lonergan sale to be held at Florence, a few miles from Omaha, Neb., on Tuesday, January 18. To those of our readers that have followed closely what has transpired during the past dozen years Mr. Lonergan needs no introduction. Few Poland China breeders have been more successful in the show ring and few Nebraska breeders have sold so many boars to head good herds. This year's offering will be good as the Lonergan offerings always are and included will be some outstanding individuals, among them a pair of spring yearing sows in the 800-pound class. They are bred along big lines and would look good in any herd we know of. A big

BERKSHIRES.

Hazlewood's Berkshires! Yearling glits, bred. Spring pigs priced for quick sale. W. O. HAZLEWOOD, WICHITA, KANSAS

25 March Gilts Bred or open. 16 yearling a n d two year old sows, bred to order or open, R. J. LINSCOTT, HOLTON, KANSAS BERKSHIRES.

Do Not Write Bayer & Sons for Cheap or Inferior BERKSHIRES They want to sell you qual-teed worth the money. We have a few choice boars of service-able age at reduced prices to make room for youngators. Write your wants. J. T. Bayer, & Sons, Yates Center, &as.

DUROC-JERSEYS.

Durocs, Tried Sows Gilts, bred or open. 10 extra fine boars. A. C. HILL, HOPE, KANSAS.

25 Duroc Boars March and April farrow, and Mo. Climax breeding. Spring glits, bred or open. R. T. & W. J. GARRETT. STEELE CITY, NEBRASKA

Immune Durocs Spring boars and gilts, best of blood lines. Every animal E. S. HIRSCHLER, HALSTEAD, KANS.

50 Immune Duroc-Jersey Boars Ready for service, \$25 to \$30 each. Yearlings at \$40. Females all ages, both bred and open. Red Polled bull caives up to serviceable age, also cows and heliers. Ton Fercheron stal-lions. Everything guaranteed.

Geo. W. Schwab, Clay Center, Neb.

Rice County Herd Durocs FORTY fine fall, winter and spring boars. Sired by Good Enuff's Chief Col., G. M.'s Crimson Wonder Col. Chief, Otey's Dream, Illustrator II. From ex-cellent dams. 30 days' special price. Write today describe your wants. G. M. SH EPHERD, Lyons, Ks.

Good Durocs at 10c a Lb. Fall and spring gilts, bred or open, fall and spring boars, they are good ones, sired by sons of B. & C.'s Col, and Graduate Col. Weanlings, \$8.00. Everything immune. Write for breeding sheet.

MIKE SEIWALD, EUDORA, KANSAS

Immuned Durocs! 5 June boars, big, long, rangy kind. As good as ever looked through a pen. F. J. MOSER, GOFF, KANSAS

Wooddell's Durocs!

**DUROC HOGS FOR SALE** The blood of champions. Entire herd; 2 herd boars, 10cherd sows, young boars, bred gilts, yearling gilts, 50 fall pigs, not related. BUOK EYE STOCK FARM, OLEAN, MO.

**Royal Scion Farm Durocs** Choice fall and spring boars out of our best tried sows. One yearling boar, 17 in litter. Priced G. C. Norman, Route 10, Winfield, Kan.



DUROC-JERSEYS.

# TRUMBO'S DUROCS

10 August boars; big, stretchy fellows by Illustrator II and Crimson McWonder; all immune. \$15 each. Write today. WESLEX W. TRUMBO, PEABODY, KAN.

BONNIE VIEW STOCK FARM Duroc-Jerseys gilts for sale, bred o SEARLE & COTTLE, BERRYTON, KANSAS

Crocker's Immune Duroc Boars

100 Duroe spring boars for sale. Guaranteed immune and shipped on approval. No money down before you get the hog. Prices \$25 to \$35 each. F. C. Crocker, Filley, Nebraska



#### **DUROC HERD BOARS IMMUNED**

Boars and Gilts of large smooth, easy feeding type. From the Champions Long Wonder, Defender, Superba and Golden Model breeding. Gilts bred or open, also fall pigs. Prices reasonable. JOHN A. REED,

-Spring Duroc Boars and Gilts-

All my spring gilts and boars at private sale. Gilts bred or open. Will breed them if desired to either Prince of Col. Wonder or Taylor's Model Chief. Write me, DR. E. N. FARNHAM, HOPE, KAN.

Jones Sells On Approval

August and September pigs for sale.
Prices right. Farm raised White Wyandottes. Eggs 50c per setting.
W. W. JONES, CLAY CENTER, KAN.



### BANCROFT'S DUROCS

Everything on the farm properly immunized. No public sales. For private sale: spring boars a last gilts open or bred to order for spring litters and September pigs, either sex, when weaned. Reasonable prices on first class stock.

D. O. BANCROFT, Osborne, Kans. (Shipping Point Downs, Kans.)

### **40 Duroc Sows** and Gilts

Public Sale at Washington, Kan., Wednesday, Jan. 5

8 tried sows, 25 fall and winter yearling sows and 12 spring gilts. Catalogs ready. Send bids to Jas. T. McCulloch in my care. Address, Glen Keesecker, Washington, Kans.

Baby boars \$10. Baby sows \$15. Some nice bred gilts and tried sows at \$25 to \$40. A few spring boars left at \$15 to \$20. Some sows and gilts to farrow yet this fall. R. W. Baldwin, Conway, Ks.

# Percheron Dispersion Sale

Princeton, Missouri Thursday, January 13th

We will sell our entire herd of Percherons consisting of 34 head, including 16 stallions and 18 mares, largely the descendants of the two widely known imported show mares

Gaite 64450 (72209) and Grive 64451 (81670)

Most of our aged Percherons are imported and the younger ones are by imported sires and out of imported dams. Among our home bred animals will be Dorothy 87678, the champion Percheron mare at Sedana, Mo., this year. have held the champion mare of Sedalia for the past three years, Gaite twice and her daughter Dorothy once. We will also sell two Shire and one Standard bred mares.

**Four Great Jacks** 

The sale will be held at the farm, under cover. Farm only one mile from town. Free conveyance provided. Write today for catalog. Address

P. G. McCulley & Son, Princeton, Mo. Auctioneers: Crews, Nelson, Deem. Fieldman, C. H. Hay.

HAMPSHIRES

REGISTERED HAMPSHIRE HOCS Bred gilts by belted pigs, priced reasonable. C. t. Sunk, Conton, Okto.

REGISTERED HAMPSHIRES 150 gilts and boars, all ages. Cholera immuned Description guaranteed. C. E. LOWRY, Oxford, Kan

Shaw's Hampshires 150 registered Hampshires, all ages, micely belted, best of breeding, all im-muned double treatment Satisfaction cust mixed. Priced to sail. WALTER SHOW, R. 6, Wichita, Ran.



POLAND CHINAS.

Spring Boars by King Hadley growthy, mooth kind. Must sell quickly. Write J. B. MYERS, GALVA, KANSAS

FOR SALE One there Standard Poland China Record Association stock, with telescope from 1901. C. M. GARVER, Abilene, East.

IMMUNE POLAND BOARS
Bred gilts, summer and fall pigs, either sex. Guarantee
descriptions. Write W. A. McIntosh, Courtland, Kas.

POLANDS Sired by grand champ-ions and out of prise winning saws. Frices masonable. W. Z. BAKER, RICH HILL, MO.

10 Poland Boars! Pure bred and weighing 200 each. All good ones. \$25 each. Ready for service.

C. A. LEWIS, BEATRICE, NEBRASKA

**ENOS IMMUNED POLANDS** Fall and spring boars sired by the noted herd owns Orphan Chief and Mastodon King. Will sell a holes lot of my herd sows and gitts bred for early pring facrow. 100 head to pick from. Everything guaranteed manner. Write or phone. A. R. ESOS, SAROOMA, KARES.

BLOUGH'S BIG POLANDS I am offering a choice lot of big, growthy, heavy boned boars out of 700 and 800 pound sows of the best big type breeding. At most reasonable prices. Everything guaranteed choicra immune for life. JOHN M. BLOUGH, BUSHONG, KANSAS

Original Big Spotted Polands!! 6 Fall pigs, both sexes, pairs and fries not related. ALFRED CARLSON, CLEBURNE, KANSAS

**BIG TYPE POLAND CHINAS** Big March and April boars priced to move. Glits bred to your-order, to a great son of King of Wondars. Fall pigs, the best I seer bred. Write me. ANDREW KOSAE. DELPHOS, KANSAS

FAIRVIEW POLAND CHINAS For sale: Several heavy-boned fall and spring bears. Also choice spring and fall yearling site, bred for March and April litters. Bargains. Write us. P. L. WARE & SON, PAOLA, KANSAS

Large Type Polands cing boars, by the great boar, Logan Price, and s of note. Over 50 prizes won this year at lead-lairs. All immune. Satisfaction guaranteed. Write y. OLIVIER & SONS, DANVILLE, KANSAS

**Big Type Poland China Boars** I am offering big, stretchy spring boar pigs at reasonable prices. Some of the best blood in Mo. Come and see them or write E. F. HOCKADAY, PECULIAR, MISSOURI

IMMUNE POLAND CHINAS

Some extra fine stretchy boars and glits, just right for early seeding. Some bred sows and glits. The best of hig type seeding, cholera proof and at farmers prices. We guarantee every way. ED. SHEEHY, HUME, MISSOURI

**O**riginal Big Spotted Polands 20 March boars—20 March gilts. Tops of 100 head. 15 fall gilts bred or open. The big litter kind. Address B. H. McCUNE, Longford, (Clay Co.) Kan.



Big Type Polands

Herd headed by the 1.020-pound Big Hadley Jr.,
crand champion at Hutchinson State Fair, 1915,
was also first in class at Topeka and Oklahoma
State Fairs. Our herd won more first prizes in
the open classes at Oklahoma State Fair than any
other Poland China herd. Young stock for sale. A. J. Erhart & Sons, Ness City, Kan.

LIVESTOCK AUCTIONEERS.

Rule Bros., H. T. & R. D., Ottawa, Kan. Livestock sales a specialty. Write for dates

Jas. T. McCulloch, Clay Center, Kan. The breeder I am selling for every year. Write for open dates.

# Be an Auctioneer

Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages.

**Missouri Auction School** Largest in the World. W. B. Carnenter, Pres. per cent of the fall yearlings and tried sows were sired by Big Ursus, the 1,000-pound grand champion boar at Nebraska State Fair in 1914. His sire was twice first prise winner at Nebraska State Fair and also grand champion in 1910. His also grand champion in 1910. His dam actually weighed 800 pounds and was one of the best sows ever sired by the prise winning Big Victor. Others of the fall gilts and tried sows are daughters of Big Victor and some by King Glant, an 1160-pound boar carrying the blood of the Long King and Glantess families. Many of the spring gilts are descended from Blue Valley Golddust, some of them out of dams by A Wonder. Write at once for catalog and mention this paper. If you can't come send bids to Jesse Johnson in Mr. Lonergan's care at Florence, Neb.—Advertisement.

Breeders' Draft Herse Sale.

Breeders' Draft Herse Sale.

The Nebraska Purebred Herse Breeders' association announce their annual combination sale, to be held at Grand Island, Neb., February 23-24-25. This sale will be one of the big draft horse sale events of the winter. Over 100 head of Percherons, Belgians and Shires have been consigned to this sale and there is still room for a few head of Belgians. Some of the best breeders in the state comign stock to these annual sales. The first day will be consignment day and the sale proper will be held on the 24th and 25th. On the night of the 13d the association will hold its regular annual meeting and the night of the 13d the held the big banquet which is a yearly feature of the sales. For any information about the association or sale, write C. F. Way, First National Bank Building, Lincoln, Neb.—Advertisement.

#### S. E. Kan., S. Mo. and E. Okla.

BY C. H. HAY.

Display ads of the F. E. Meere & Sons' Poland China sale will soon be out. You will find this one of the exceptionally well bred offerings of the year. The herd is headed by a splendid young boar from the Pfander herd. If you are planning to attend some good sales this year, this one should be among the first on your list.—Advertisement.

Among the first big sales of the coming season will be that of W. Z. Baker's, the well known showman of Rich Hill, Mo. On February I he will offer at public auction a bunch of bred sows that will make people sit up and take notice. This offering will carry as much, and perhaps more, big type champion and grand champion blood than any offering selling this season. Watch the Farmers Mail and Breese for display ads,—Advertisement.

Mike Sewald's Good Duroca

Mike Sewald's Good Durocs.

If you are interested in good Durocs and have not communicated with Mike Sewald of Eudors, Kan., you have overlooked a chance to get some as good Durocs as the state produces at a few cents above market price. Mr. Sewald has on hand one of the best crops of hogs ever bred on his farm. Corn is scarce in his neighborhood and rather than make a sale he is offering these good breeding hogs, choiera immune, at the exceptionally low price of 10 cents a pound. You can depend on getting first class stuff from this breeder. The writer has inapected this herd and recommends it to prospective buyers. See Mr. Sewald's ad in this paper and write him about the offering.—Advertisement.

Missouri Jack Sales Company.

Missouri Jack Sales Company.

The joint jack and jennet sale of the Missouri Jack Sale Company to be held in Cameron, Mo., under the mangement of Joseph E. Park, will be held on Washington's birthday, February 22. About 25 jacks and jennets have been nominated now; 11 from Kentucky. This promises to be one of the best to be pulled off in 1916. Mr. Park is one of the best judges of jacks in Missouri, having been in the business for 20 years. This combination sale gives small breeders an opportunity of selling their stock for as much money as larger breeders as Mr. Park will advertise the sale well. The entries close January 18. Send for blanks now.—Advertisement.

Kentacky Jacks and Saddlers.

Kentucky Jacks and Saddlers.

The Cook Farms of Lexington, Ky., have a card announcement in this issue in which they are offering our readers Kentucky Mammoth Jacks and jennets and saddle stallions. This is one of the oldest breeding firms in the blue grass state and their jacks and jennets as well as their saddlers are known wherever this kind of stock is in demand. Their offering of jacks and jennets includes a fine lot of big, black, mealy nosed animals that will please those who are looking for the best and their saddlers include stallions, galdings, mares and colts. They can furnish anything in this line and at reasonable prices. Write them and kindly mention this paper.—Advertisement.

Boen's Extra Good Jacks.

Just northeast of Kansas City about 35 miles is a breeding farm known as the Prairie View Stock Farm. On this farm are 40 jacks and jennets of the quality that made Missouri famous for mules and jacks. These jacks are all Mr. Boen's rafsing. They are the big black Mammoth kind, stand 15 to 16 hands, have extra heavy bone with shoulders and bodies like heavy bone with shoulders and bodies like draft horses. They are from 2 to 6 years old and are the result of something like 46 years of Mr. Boen's unceasing efforts to produce the best jacks in the land. Mr. Boen is retiring from the breeding business and all of these good jacks and jennets are going to sell. This is a herd which prospective buyers, of either herd jacks or mule jacks, should see. Write Mr. Been, at Lawson, Mo. He has something that will appeal to you. Please mention this paper when you write.—Advertisement.

Cary's O. I. C. Swine.

C. A. Cary, a progressive O. I. C. breeder, of Mound Valley, Kan., is starting a card in this issue. Mr. Cary has an O. I. C. herd of exceptional quality and is a breeder who will be heard from many times in the future. His herd is headed by International Chief, the top boar of J. H. Harvey's 1914 sale. His sire was International Boy. International Chief is a boar that stands well

LIVESTOCK AUCTIONEERS.

WILL MYERS, BELOIT, KAN. AUCTIONEER Reference, breeders of North Central Kan. Address as above.

R. L. Harriman, Bunceton, Mo Solitog all kieds of pure bred livestesh. Address as above

Spencer Young, Osborne, Kan.

John D. Snyder AUCT., reconstall relies pure bred in stock, real estate and general sales. NUTORINGON, and

Col. E. Walters Skedee W.B. Carpenter 518 Walnut St.

Sell your farms and city property at auction, a wall as your pedigreed livestock. Write lither for dates. Also instructors in

**Missouri Auction School** 

O. I. C. HOGS.

Immuned O. I. C'S. to sell. July be and bred gills. Also fall pigs. A. C. 000K, Lursy, K

LYNCH'S IMMUNE O. L. C's

Western Herd O. L. C. Hogs Spring boars and gilts for sale. Also fall pigs not related. Get my prices. F. C. GOOKIN, RUSSELL, KANS.

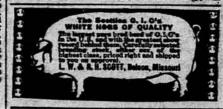
Smooth Heavy Boned O. I. C.'s Pigs not akin from two months up. Boars not related to glits and sown. Best of breed-ing at farmer's prices. Write teday for cir-cular. F. J. GREINER, BILLINGS, MO.

Alma Herd "Oh I See" Hogs

A trial will convince you; anything sold from eight weeks on up. All stock shipped C. O. D. on receipt of \$10. Write for price list. HENRY FEHNER, ALMA, MISSOURI

**20 White Boars** Best breeding \$25 each. Sow sale January 20. Ask for catalog. AMOS TURNER, WILBER, NEBRASKA

SILVER LEAF HERD O. I. C's. Tried sows bred for February farrow. April and June gills. Fall pigs both sex. Price \$10-340. Satis-faction guaranteed. Everything double immune. C. A. CABY, B.F.D. No. 1, Mound Valley, Ks.



GALLOWAY CATTLE.

Walter Hill's Galloways! same age. Also a few choice bred cows. Address WALTER HILL, (Dickinson Co.), Hope, Kan.

Bulls, Cows, Heifers
CAPITAL VIEW GALLOWAYS

I want to sell 200 head and III make special prices
or next twenty days. Breeding same as my show herd.
G. E. CLARK, 205 W. 21st St., TOPEKA, KANSAS.

Holsteins For Sale high beed register and buildered for service. H. S. AMSPACKER, JAMES TOWN, EAST,

Segrisi & Stephenson, Helten, Hansas Prim winning resistered Holsteins. Bulls from three nonths to yearlings for mis. Address as above.

FOUR REGISTERED HOLSTEIN-FRIESIAR MILLS for sale. 2 ready for service now. All out of A. R. O. dams. BEN SCHNEIDER, NOBTONVILLE, KANSAS

FOR QUICK SALE A large number of highly bred, registered Holstein-Prinsian cows and helfers; good ages, and good pro-ducer. Also several buils from caires a few weeks ald up to yearlings. Beady for service, HIGGINBOTHAM EROS., ROSOVILLE, KANSAS.

Sunflower Herd Holsteins has three aplended young buils ready for service. They sarry King of the Pontisc's, King Segis Pontine and Duchess Shylark Granby (the 1,800 lb. cow) blood. Nice to excellent individuals. \$725, \$150 and \$250 ch, and mighty good buys, too.
J. SEARLE, OSKALOOSA, KANSAS

Registered Holsteins

BULLS AND BULL CALVES out of A. R. O. bulls and A. R. O. dams with A. R. O. backing for several generations. Tredico Farm, R.F.D. No. S. Engman, Kan.

BRAEBURN HOLSTEINS 20 years breeding, with better sires at every change. Write me for bull calves. H. B. Cowies, Topeka, Kan.

HOLSTEINS Registered Holettein bulls:
record cown. Priced to sell.
Write for description and
pedigrees. David Galeman & Sone, Dunisen, Kansan

**Bonnie Brae Holsteins** 

80 HEAD. I have an especially nice lot of young cattle to after at this time, consisting of high grade helicars from 1% to 3 years, to freshen this fall and winter; young cowe from 3 to 5 years old; a few registered females from 2 to 5 years of ags, also registered females from 2 to 5 years of ags, also registered of the months to a year old. Why not buy the kind that makes good. I seld the three highest record grade cows for both milk and butterfat in the State of Kansas. Will sell any number. IRA ROMPE, Station "B", TOPEKA, KANSAS.

**CANARY BUTTER BOY KING** Conceded the best Holstein Bull in Kansas. Two extra choice young bulls, sired by him and out of A. R. O. cows. Write for prices. MOTT & SEABORN, HEMMOTON, KANSAS

PUBLIC SALE OF HOLSTEINS

Pawnee City, Nebraska, Friday, January 7, 1916, at 12:30 P. M. 40 — Head of high grade cows, helfers, yearlings, and helfer calves. — 40 Auctioneers: N. E. Leonard, A. C. McLaughlin Lackland Bros., Axtell, Kans.



Springers, coming 2 and 3 years, single lot or car loads. Also a few registered and high grade bulls, ready for service. Wire, phone or write.

O. E. TORREY, TOWARDA, KANSAS

HOLSTEIN FRIESIAN FARM Towards,

M. Mercodes, Pictertip Homestead No. 18587 at head of Hard. Pure-rom. In an interpretable the properties of the properties. It is not to be a con-trained by the properties of the properties out of A.R. O. dame and from gasers three. Bring your Daily expert, the better inferenced the easier to please. Who or write your wants. CIROD & ROBISON, TOWANDA, KANSAS.





960 Holstein Cows 960 and Heifers

ant Holsieir cows, apringing or bred he ms. They are very large, good marking rains, bred to purebred bulls of the ces on carload lots. Want to reduce ain prices for thirty days. J. C. ROBISON, TOWANDA, KANSAS

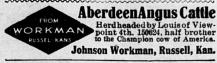
200 -Holstein Cows—200

have 100 high grade cows and selected and a lot of registered built 10 go with them. Three Cows and a Registered Built 3225 them. There cows and a Registered Built 3225 50 cows in milk and 40 that will freshen before January. Come and see our cattle. Bring your dairy expert along. The quality of the cows and our prices will make it easy for us to trade. Come soon and get choice, Well marked helfers and built, \$20 cach. Send us an order.

LEE BROS. & COOK, HARVEYVILLE, KANSAS



ABERDEEN-ANGUS.



### **ANGUS BULLS**

1 good 3 yr. old bull, 1 two yr. old and 12 extra choice yearling bulls. Quality, with size and bone.

H. L. Knisely & Son, Talmage, Kan. (Dickinson County)

### ANGUS BULLS

Five from eight months to one year old. Females for sale, bred or open. Farm joins town. Correspondence and inspection W. G. Donton. W. G. Denton, Denton, Kans.

HEREFORDS.

Registered horned and double standard polled Hereford Bulls For Sale

### Blue Valley Breeding Farm

FOR SALE. One No. 1 herd bull at \$200; 0 head of good young bulls from \$75 to \$100 de-vered. 7 head of helfer calves at \$75 per head. 0 head of Poland boars from \$15 to \$35 delivered. me No. 1 harge herd boar at \$50. 40 B. P. Rock bekerels \$1.00 to \$2.50 each delivered.

Fred R. Cottrell, Irving, Kansas

POLLED DURHAMS.

Double Standard Polled DURHAMS Six yearling bulls. A number of under year-ling bulls. 2 good French draft stallions and some jacks. C. M. HOWARD, Hammond, Ks.

RED POLLED CATTLE.

FOSTER'S RED POLLED CATTLE Write for price on breeding cattle C. E. FOSTER, R. R. 4. Eldorado, Kansas

Pleasant View Stock Farm
Red Polled astile. Chalce young buile and hefters. Prices
reasonable. MALLOREN & GAMERILL, Ottowa, Kanass

RED POLLED CATTLE Choice young bulls, best of breeding.
Prices ressonable. L. W. POULTON, Medora, Kan.

#### Riley County Breeding Farm 75RedPolls. 45 Percherons

A choice lot of young buils for sale. 12 of them by a son of Cremo, the 18 times champion. Visitors welcome. Farm near town. Address

Ed Nickelson, Owner, Leonardville, Kansas

GUERNSEYS.

### **GUERNSEYS** FOR SALE

Choice Guerasey balls of serviceable age, out of A.R.cows, also a limited number of females. C. F. HOLMES, Owner Overland Guerusey Farm, Overland Fark, Ks.

JERSEY CATTLE.

Lad of Nightingale by the great Signal's Successor before. Write for price. L. P. CLARK, Russell, Kas

**QUIVERA JERSEY COWS** pay at the pail. A few good bred cows for sale. Males so at all times. E. G. Munsell, Herington, K.

### LINSCOTT JERSEYS

First Register of Merit herd in Kansas. Est 1878 Oaklands Sultan, let. Register of Merit sire in Kansas, is dead. Last chance to get one of his daughters, \$100. R. J. LINSCOTT, HOLTON, KAN.



#### She's The Money Cow

She makes use of every ounce of feed. Her milk is the richest of all the breeds in butter fat and solids. She is rugged and vigorous—will thrive in any climate. She milks steadily. She is beautiful and gentle. She's the mortgage lifter. She's the cow for the everyday farmer,

yetshe's the rich man's pride, too.
And she's the cow for the family.
Our free book, "About Jersey
Cattle," proves these things.
Send for it now—a postal will do
—it's interesting and instructive.

The American Sersey Cattle Club 855 West 23rd Street - New York City

at the top of the O. I. C. boars of the state. He is exceptionally strong in the back, ham and bone. The sows of the herd are the tops out of several of the most prominent breeders' sales. They carry the blood of Jumbo, Don Ben 2d and others of quality. Mr. Cary is now offering some tried sows, bred for February farrow; some April and June gilts and fall pigs of both sexes. The entire herd has been doubly treated. These hogs will be shipped with a guarantee of absolute satisfaction. Write Mr. Cary, today.—Advertisement.

Prize Winning Percheron Auction.

Prize Winning Percheron Auction.

One of the most noted prize winning herds of Percheron horses in the state of Missouri will be dispersed at Princeton, Mo., Thursday, January 13. This offering will include 34 head consisting of 16 stallions and 18 mares, All of the younger animals in this sale are descendants of the two great show and producing mares, Gaite and Grive. These mares are both imported and have a most enviable record for prizes won in the western state fairs and shows. Gaite was grand champion mare at Sedalla two years and has won the same honors in Kansas and Oklahoma State Fairs and at the American Royal. One of her daughters, a grand champion at Missouri State Fair last year, will be included in the sale. All of the older animals offered in this sale are imported animals while the younger animals are sired by imported sires and out of imported dams. In addition to the Percherons there will be included in the sale two Shire mares and one standard bred mare, also four big, fine jacks. P. G. McCulley & Sons, the owners of this stock, have been making the fair circuits with their Percherons for several years past and are known to many of the readers of this paper. They are strictly reliable in every sense of the word and their horses are the kind that will meet the demands of exacting buyers. Write today for catalog and arrange to attend this sale. Please mention this paper when writing.—Advertisement.

#### Publisher's News Notes

Custom Tanned Coats and Robes

Custom Tannod Cests and Rebes.

The farmer who sends a horse of cowhide to the Globe Tanning & Mfg. Co., Des Moines, not only receives in return a coat or robe tanned by their special aluminum oil process, but saves himself \$5 to \$10 on the garment. This reliable tanning company has been in business for 11 years, Its trade extends into every state in the Middle West. Write the company today for the meanty fo

Free Farm Account Book.

Free Farm Account Book.

Elsewhere in this issue an advertiser offers to send free a 64-page account book. The book is arranged to keep all accounts in simple form; shows how to charge against crop reduction; has a laborer's time record and section for personal accounts. Look up the advertisement and write a postal card to the advertiser, not to us, and get this book. You will find it useful. Address Bickmere Gall Cure Company, Box 65, Old Town, Maine.—Advertisement.

#### Not Enough Sheep, He Says

I live in Ohio and quite likely am not competent to give Kansas farmers advice regarding any branch of farming. However, I have visited in the state many times and traveled about a little and have always noticed that few sheep have been kept in Kansas. I be-lieve I am perfectly safe in asserting that ten sheep should be kept in Kansas where there is but one now.

Every farm of average size should have at least a small flock of sheep. They are the farmer's faithful, efficient scavengers. They will eat weeds that no other stock will touch. They will clean up the waste places, and besides giving the waste places, and besides giving the farm a neat appearance, will convert into good wool and mutton the weeds and briars that give to many farms such a disreputable appearance. Only last week a Kansas farmer told me he had a patch of Jimpson weeds that he had tried for several years to

kill out by digging them up, but with-out success. He turned a flock of sheep on them when they were in bloom and the sheep cleaned them out and not a plant has appeared since. I once had an orchard that became badly infested with burdock. A flock of sheep was given frequent access to it for one season and

they cleaned it out entirely.

On the average quarter section farm a flock of 25 to 50 ewes could be kept every year at a good profit. The wool would almost pay for their feed and the lambs sold in the fall would be clear profit. One of my neighbors buys about 40 ewes every fall. He sells the lambs at 2 to 3 months and then fattens the ewes up quickly on grass and sells them at a considerable advance over them at a considerable advance over the price he paid for them, and thus realizes a good profit. A pound of mutton can be grown as cheaply as a pound of beef so the wool can be counted clear profit. For more than 40 years I kept a good flock of sheep—in fact, I made them my leading stock— and on the whole they gave me the best returns of anything on my farm. returns of anything on my farm.

E. P. Snyder.

Huron county, Ohio.

SHORTHORN CATTLE.

A. H. Cooper, Natoma, Kan.

**Pure Bred Dairy Shorthorns** Double Marys (Flatcreek Strain) and Rose of Sharon families. Registered Poland Chinas. Breeding stock for sale. Address R. M. ANDERSON, Beloit, Kansas

Shorthorns

a 2500 pound bull, and from cows weighing 1400 to 1600 pounds. Good milkers. Come or write. A. M. Markley, Mound City, Kansas

#### Shorthorn Bulls. Private Sale

10 yearling bulls. Reds and Roans. All registered. Big rugged fellows. Also will spare a few helfers. W. H. Graner, (Atchison Co.) Lancaster, Kan

# Stephenson's

Yearling bulls and early spring bull calves, reds and roans, by Cherry Knight 343761, by Barmton Knight and out of Cherry Bud. Every one a good individual. All vaccinated. Priced very reason-able. Shipment main line of the Santa Fe. H. C. STEPHENSON, CHASE CO., CLEMENTS, KAS.

#### SCOTCH AND SCOTCH TOPPED BULLS

from 8 to 16 months old. Sired by Secret's Sultan

Write for descriptions and prices. Inspection invited. Farm near Clay Center. S. B. Amcoats, Clay Center, Ks.

SHORTHORN CATTLE

**Shorthorn Bulls For Sale!** Six heifers, two-year-olds. Reds and roans, L. M. NOFFSINGER, OSBORNE, KANSAS



SHORTHORN BULLS AT PRIVATE SALE

N. S. Leuszler & Son, Almena, Kan.

I have 50 head of purebred Shorthorn cattle—40 cows and heifers and 10 young bulls. Best families. Write your wants.

John O. Hunt, Marysville, Kan.

# PEARL HERD

Valiant 346162 and Marengo's Pearl 391962 in service. 20 choice bulls 10 to 20 months old, reds and roans, for sale. Thrifty and good prospects. Scotch and Scotch topped. Correspondence and inspection invited.

C. W. TAYLOR, Abilene, Kans.

# Shorthorns Priced to Sell

11 SPRING CALVES, HEIFERS. 11 SPRING CALVES, BULLS. 1 COMING TWO-YEAR-OLD BULL

Included are such cows as Bonnie Maid, by Scotch Duke and tracing to imported Rose of Sharon; Miss Sparks, by Hed Bud and tracing to Imported Young Mary; Highland Lassle, by Auline Duke and tracing to Imported Adelaide; Miss Walker, by Auline Duke and tracing to Imp. Young Phyllis; Goldie, by Golden Mariner and tracing to Imp. Arabella. The young bulls and helfers are by and the cows and helfers are in calf to the Scotch bull Pride of Auline, Stilvery Knight and out of Sunny Secret, tracing to Imp. St. Leenwort, by Royal Victor. We are going to move and these cattle must sell soon. Write or call on



A. T. ELY, PEABODY, KANSAS

# Marshall Co. Pure Bred Stock Breeders

Nothing but first class animals offered for sale for breeding purposes. It is economy to visit herds located in one locality. For the best in purebred livestock write these breeders or visit their herds.

HEREFORD CATTLE.

HEREFORDS—POLANDS Herds established fords. 90 spring pigs, and 18 bulls, 11 to 15 months old, for sale. S. W. TILLEY, IRVING, KANSAS

Choice Young Buils For Sale Sired by 34th 397607 and Real Majestic 378628. Write your wants. J. F. SEDLAUEK, BLUE RAPIDS, KANSAS

Choice Two-Year-Old Bred Heifers and a Feb. bull for sale. Also 10 spring bulls. Address, GEO. E. MILLER, Blue Rapids, Kansas

Hereford Cattle All sold out of service ablebulisatpresent. Will have some for a pring shipment. B. E. & A. W. GIBSON, Blue Rapide, Ken.

Wallace Herefords Inspection invited. Write for vited. Write for prices and descriptions. THOS. WALLACE, BARNES, KAN.

Wm. Acker's Herefords! About 25 spring bulls for this fall and winter trade. Address WM. ACKER, Vermillion, Ks.

Clear Creek Herefords Choice last March bulls for fall and winter trade. 30 breeding cows in herd. J. A. SHAUGHNESY, Axtell, Kansas

HEREFORDS Bigand rug-miles out. W. B. Hunt & Son, Blue Rapids, Kas.

DAIRY CATTLE.

Mills' Jerseys One 16 month bull.

sa's Lost Time 124813. R. C. R. I. Red cocker[s, 75e each. C. H. MILLS, WATERVILLE, KANSAS

WILLOW SPRINGS JERSEY FARM Jolden Fern's Lad's Lost Time 25562 at head of herd. Off-rs a few young bull calves. Joseph Krasny, Waterville, Ks.

JERSEY BULL By a grandson of Lad out of a 500 pound cow. Price \$50. Duroc-Jersey spring pigs for sale. B. N. WELCH, Waterville, Kans

HOLSTEINS Cows and helfers for sale. Registered and grade. Address LACKLAND BROS., AXTELL, KANSAS

AUCTIONEERS.

S. B. CLARK, SUMMERFIELD, KANS.

Jesse flowell, Rerkimer, Kan of Howell Bros ., breeders can make you money on your next vale. Write for dates

SHORTHORN CATTLE

For Sale: Two Pure Scotch bulls and a Scotch topped heifer. Farm near Irving, Kansas. On Union Pacific and Central Branch of Missouri Pacific. DR. P. C. McCALL, Irving, Kas.

Eight Bulls reds and roans. 6 to 18 months old, Scotch and Scotch topped. Write for prices. G. F. HART, Summerfield, Ks.

Shorthorns, Polands l'yr. bull for sale. 1 tried and April boars. A. B. Garrison & Son, Summerfield, Kansas

10 Shorthorn Bulls 5 yearlings in September. Write for prices. H. A. BERENS, SUMMERFIELD, KANSAS

POLAND CHINA HOGS.

Albright's Polands For Sale, Jan. and gilts. 12 last fall gilts. 34 March and April boars and gilts. A. L. ALBRIGHT, WATERVILLE, KAN.

10 Fall Yearlings bred to Kansas Sunflower. Tops of my spring gilts bred to order. Spring boars extra good. Write N. E. Copeland, Waterville, Kans.

DUROC-JERSEY HOGS.

Red Polls, Duroc-Jersey, and O. I. C. hogs. Boars of both breeds at reasonable prices. Bred sow sale, Feb. 24. J. M. LAYTON, IRVING, KAN.

ILLUSTRATOR We offer choice gilts bred to a A. B. Skadden & Son, Frankfort, Kansas

W. J. HARRISON AXTELL, KAN. Red Polled

Spring Boars by five differ-royal lot of big stretchy fellows and only the tops offered. HOWELL BROS., HERKIMER, KAS.

FANCY POULTRY.

Plymouth Rocks Barred (Thompson strain) and season. Address JOHN BYRNE, Axtell, Kansar

SILVER WYANDOTTES Fine lot of cockerels B.M.Winter, Irving, Ks.

HAMPSHIRE HOGS.

Registered Hampshires Top bears and glitte not related. F. B. WEMPE, Frankfort, Kansas

JACKS AND JENNETS.

### **Jacks and Jennets**



14 large, good boned black Jacks coming 3 to 7 years old. If you want a good jack at the right price or a few good Jennets we can deal. Write or call on

Philip Walker Moline, Elk County, Kansas

#### **JACKS** and PERCHERONS

40 Big Black Mammoth Jacks: Young Black Ton Percheron Stallions and Mares, Extra Quality.

Reference the five banks of Lawrence. Farm, 40 miles west of K. C. on the U. P. and Santa Fe.

PRAIRIE VIEW STOCK FARM

Al E. Smith, Lawrence, Kansas



# 10 Percheron stallions from two to four years old. Two tried ton stallions. 20 mares from fillies to mares stx years old. Brilliant breeding. Fully guaranteed. W. H. Graner, (Atchison Co.,) Lancaster, Kan.

REGIS- Percheron Stallions

REGISTERED PERCHERON STALLION TO THE TOTAL

JACKS AND JENNETS.

HORSES.

HOME-BRED PERCHERON, BELGIAN, SHIRE Stallions and mares for sale at \$250 to \$400 each ex Also Imported Stallions. Frank L. Stream, Crest

Percherons at Private Sale

Kentucky Jacks and Saddlers

Always a good lot of Kentucky Mammoth Jacks and Jennets. Saddle stallion, geldings, mares and colts. Write us fully describing your wants. The Cook Farms, Box 436 Q. Lexington, Ky



# Registered Percheron Stallions





# **Bishop Brothers Percheron Stallions**



Our stallions are two and three year olds. Very large, drafty type, with conformation and QUALITY. Pasture grown, fed in outdoor lots with outdoor exercise; the kind that make good in the Stud. If you want a stallion see ours. Prices are right; barn in town.

Bishop Brothers, Box A, Towanda, Kansas

# Harris Bros. Percherons 30 Stallions 60 Mares

If you want Percherons come and visit our barns and pastures where you can see a splendid assortment from which to select. They are all registered in the Percheron Society of America, are strong in the best imported blood and have size, bone and conformation that cannot help but please you. We expect to sell you when you come because we have the right kind and at right prices. Write today stating when you will come.

HARRIS BROS., GREAT BEND, KANSAS

# Shorthorn Dispersion Sale!

52 head in the sale. 13 bulls, six that are coming one year old. Six that are from 15 to 24 months old. 25 cows and heifers that will calve before May first. 15 coming one year old heifers.

At the J. W. Smith Farm Two Miles From

Beloit, Kansas, Wednesday, Jan. 12



The cows and heifers are bred to Gallant Knight Star 381386, by Gallant Knight 124468. This bull is a splendid breeder and a magnificent individual. He is included in the sale and all of the young stuff in the sale is by him.

This herd was founded four years ago. Mr. Smith secured practically all of the foundation in the Wm. Wales, C. E. McKinney and A. J. Shillinger dispersion sales where he bought close to the top in all three sales.

This sale will likely contain many bargains as Mr. Smith is not widely known as a Shorthorn breeder. In establishing the herd he was willing to pay the price that landed good ones. He has been in the cattle business from a boy up. His catalog is ready to mail to you as soon as you send him your address. Write

## J. W. SMITH, Beloit, Kansas

Auctioneers: R. I. Harriman, Will Myers. J. W. Johnson, Fieldman. (Mention the Farmers Mail and Breeze when you write for catalog.)

# **Percheron and Belgian** Stallions and Mares at Auction

Emporia, Kan., Friday, January 21

**50 HEAD** 

38 Percherons and 12 Belgians 15 Stallions and 35 Mares and Fillies

**50 HEAD** 

Seven Percheron Stallions 2 to 4 years old, and a number of yearling and weanling stallions and fillies. 20 Percheron Mares 3 to 6 years old, all showing heavy in foal to the 2200 pound Imported Loke (99063) who also sells. Five Mature Belgian Mares, including two imported ton mares, all showing in foal to the imported Belgian stallion, Packard, who also sells; three yearling and three weanling stallions and fillies will be sold.

There will be a variety to suit all buyers from herd header and show prospect to the good draft type that any farmer can afford. An outstanding feature of this sale is the 25 good boned heavy draft type mares, every one showing plainly in foal. The 20 Percheron mares, all bred to the imported prize-winning Loke (99063), a wonderful breedy, heavy boned Percheron that weighs over 2200

a wonderful breedy, heavy boned Percheron that weighs over 2200 pounds and who also sells in the sale.

Our foundation stock were purchased for their unusual conformation and breeding qualities and their produce have been kept and raised on our ranch near Elmdale, Kan., and while we are not expecting high prices, we are confident your price will not only make use profit but morey for the buyer. make us a profit but money for the buyer.

#### Forty Large Type Poland China Sows and Gilts Sell Saturday, January 22nd

Consisting of 10 tried sows and 30 fall yearling gilts. The sows and gilts are sired by Mo. Governor by King Ex. 3rd by Big Blaine and by Geo. Garnett by Big Hadley, and they are all bred to Big Superba by Superba, the Pan-American Grand Champion this year.

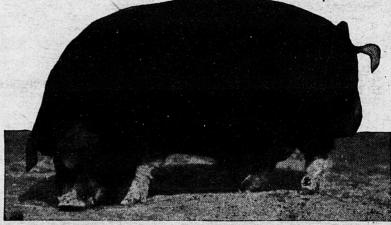
Write today for catalog, stating whether horse or hog catalog.

# L. R. WILEY, Sr., Elmdale, Kansas

Auctioneers: Cary M. Jones, Lafe Burger, John D. Snyder, P. M. Gross, John McClinden, J. N. Sanders. Fieldman: A. B. Hunter.

# Lonergan's Annual POLAND CHINA **Bred Sow Sale**

Florence, Neb., Tuesday, Jan. 18



Big Ursus, the 1000 lb. grand champion at Nebraska State Fair, 1914.

45 HEAD That carry the blood of the Grand Champion Big Ursus and other great sires. 8 Tried Sows, 18 Fall Yearlings, 20 Spring Gilts

Bred for February and March farrow to Big Ursus, Model Ursus, Chief Colombus 3rd, L.'s Black Chief and King Giant.

A big per cent of the offering was sired by Big Ursus, Big Victor and King Giant. Others are by Big Orange. A pair of 800 pound spring yearlings, sired by Big Hercules, are as good as any that ever went through a sale ring in Nebraska. Both are bred to Big Ursus. Included in the offering will be considerable of the blood of Big Victor and Guy's Price 2nd, both noted as prize winners and as sires of prize winners. This is our usual good, useful offering, and we trust you will appreciate it. We are selling them in ordinary flesh, but we -think just right to do the buyer the most good. Street cars from Omaha will take you direct to sale pavillon. Write for catalog and mention Nebraska Farm Journal. Bids may be sent to Jesse Johnson in my care at Florence, Neb.

D. C. Lonergan, Florence, Neb.

Auctioneer, W. B. Duncan. Fieldman, Jesse Johnson.

# Great Blue Ribbon Percheron Sale

Sale Pavilion; Kansas State Agricultural College

Manhattan, Kan.

# 40 Head

of Imported and American bred Percheron Stallions, Mares and Colts

Our Show Herd. We will sell in this sale our entire show herd with the exception of our herd stallion, Scipion, including grand champion mare at Kansas and Okla. State fairs; first prize and reserve champion two-year-old stallion, by Scipion; first prize yearling filley, by Scipion, and first prize junior yearling stallion, by Scipion.

20 mares bred to Scipion. We will sell 20 splendid mares bred to the great Scipion, also several



Imported Grand Champion Scipion 27123 (43677)

# January 17, '16

# 40 Head

of Imported and American bred Percheron Stallions, Mares and Colts

colts, both stallions and mares sired by him.

Fourth Annual Sale at Manhattan. This is our fourth annual sale at Manhattan from our Blue Ribbon Stock Farm and is the best offering we ever made.

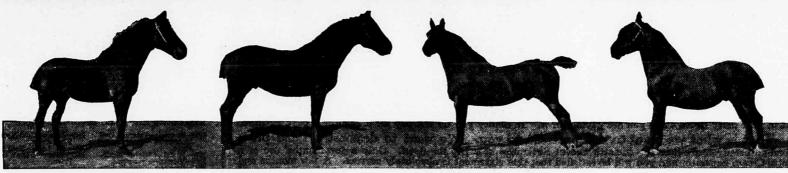
Our catalog is illustrated with about 30 pictures. Write for one today mentioning Farmers Mail and Breeze.

200 Holsteins for Sale at Private Sale

Lee Brothers, Harveyville, Kan.

Auctioneers—Cary M. Jones, Chicago; John D. Snyder, Hutchinson; C. M. Crews, Topeka; L. R. Brady, Manhattan; Floyd Condrey.

Fieldman—J. W. Johnson



DUKE, NO. 5673. Age 4 years. Weight 1400.

MAGNAT, NO. 5765.

ALPHA, NO. 4787. Age 7 years. Weight 1500.

MENELAUS, NO. 4087.

# Oldenburg German Coach Horse Sale!

Nine stallions, registered and of serviceable ages. A choice lot of young individuals with beauty, bone, style, action and size. All bred and raised by us except the imported stallion, Menelaus, the sire of six of the stallions in the sale and included in the offering. Also a pair of registered mares in foal to Menelaus 4087. We are reserving a number of his fillies.

# Sale at Fair Grounds, Beloit, Ks., Tuesday, Jan. 18

ABOVE ARE SNAP SHOT PICTURES OF FOUR OF THE STALLIONS IN THIS SALE.

The entire offering numbers 36 head, 25 of that number being high grade mares and geldings. These horses are seven-eighths and fifteen-sixteenths German Coach. They are a strictly high class lot of horses.

Write for illustrated catalog. Beloit is easily reached. Ask your agent to route you. Mention the Farmers Mail and Breeze when you write for a catalog. Address

# **JOSEPH WEAR & SON, Barnard, Kansas**

Auctioneers: R. L. Harriman, Will Myers, H. H. Vanamburg. J. W. Johnson, Fieldman.

# GREATES Cream Separator Offer

The Melotte — the wonderful Melotte — the Great Belgian Cream Separator—the prize winner all over Europe—now to be shipped anywhere in the U.S. —and on the most sweeping introductory offer. The best of all separators in Europe or America—yours on this Rock-Bottom free trial offer. The Melotte introduced a year ago swept the country even with the duty on. Those who knew cream separator values were glad to pay it. Now you pay the same price you would pay in Belgium, plus only \$1.75 for water freight.

Good News from Belgium The wonderful Melotte Cream Separator factory which is only four miles from Liege and which has not been injured in the war, is now again able to export to the United States. Every possible concession is made to American farmers on this remarkable machine—acknowledged the best separator in the world. You get the rock-bottom price, the same price that the Melotte factory has charged direct on its own shipments in Europe, plus only the ocean freight of \$1.75.

We do not know how many of these Belgian separators we can get. Two shipments have arrived. Write at once for bookiet explaining our great offer. Don't delay. If you want the best separator ever made and want it on this remarable offer. Write at once for booklet.

Free Duty Guts \$152

The high tariff has been cut right off—the great Melotte comes in absolutely free of duty! You win! The American farmer can now get the world's best—the grand prize-winner of all Europe—at a price \$15.25 lower than ever before,

For the first time in the history of cream separator selling in America the price of this famous imported Belgium Separator machine is cut. No duty now. The free tariff enables us to make a cut to you which gives you the one opportunity you have been waiting for to get the world's greatest machine at the price of an ordinary separator.

est and most improved in design, construction and operation. The tariff and patent arrangements have kept it off the American market. Now it is here and sold on the most liberal free trial offer ever made.

The Melotte bowl hangs down from a single perfect bearing and spins like a top. It will continue spinning for haff an hour after you stop turning crank unless you apply brake. Patented self-balancing bowl is entirely automatic. You can't get it out of balance and so perfect is the balance that it is impossible for it to vibrate and affect the skimming efficiency like other separators. The bowl chamber is made of special cast iron, porcelain lined with white bath tub enamel. The Melotte is easiest to clean, perfectly sanitary and will last a lifetime.

You cannot compare any other separator to the Melotte—the lat-Sent Without a Absolutely guaranteed for 15 years. **Penny Down** -30 Days Free Trial

Your simple word that you would like to see this cream separator in your own barn or dairy house brings it to you instantly. We send you the Melotte without a bit of quibbling or hesitancy. We neither ask nor want you to send a penny. We don't want a cent of your money. You set it up, give it a thorough test with the milk from your own cows. We give you a free trial that IS a free trial in every sense of the word. It is a free trial because we don't ask you to pay us any money down—there is no C. O. D.—no lease nor mortgage. You keep your money right in your own pocket.

Some people PRETEND to give you a free trial, but they ask you to give them your money first. We are not afraid to let our separator speak for itself. Test the Melotte Cream Separator in every way, watch your profits go up, watch the increase of the amount of cream, then, if you do not believe that you ought to have a cream separator, just send it back at our expense. If, however, you decide to keep the genuine Melotte, we will allow you to keep it on extremely easy

These monthly payments You don't need to be without a cream separator when you can have the separator out of your increased profits."

right in your dairy house while you are paying for it. In reality you do not pay for it at all. It pays for itself.

**W**onderful **R**ecord of The **Belgian Melotte Separator** 

daily use all over the world. Recognized as the world's best separator. The Melotte has won over 180 International prizes. One Melotte has been running at Remincourt, Belgium, the equivalent of 54 years' of actual work without appreciable wear. Think of it! Every part is made at the factory at Remincourt, Belgium, by French and Belgian mechanics, and comes just as it is packed in foreign factory.

The reasons for its superiority are plain. The bowl hangs down and spins as though running in oil, It can't get out of balance. There is nothing to get out of alignment and wear out bearing. The bowl-chamber I ned with special indestructible white enamel. The Melotte runs like new after ten years' use. For 25 Years the World's

**Grand Prize-Winner** Here are a very few of the hundreds f grand world's prizes the Melotte has won. The entire list would cover this page:

That is what we want to demonstrate to you. We want to demonstrate and prove beyond all peradventure that the Melotte Cream Separator does pay for itself. Only a few months' use of a Melotte Cream Separator and you will be satisfied that this statement is absolutely correct. A few months and the separator has paid for itself. It does not cost you a penny because the increased amount of cream has paid for the machine. We don't want to tire you here with a long discussion of how our cream separator is made.

You can best understand this if you will let us send you our free catalog.

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ever before out of your cows. This book is written by two of the best known dairy scientists in the country—Prof. B. H. Benkendorf, Wisconsin Dairy School Agricultural College, Madison, Wis., and K. L. Hatch, Winnebago County Agricultural School, Winneconne, Wis.

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