Twenty-Four Pages

# The

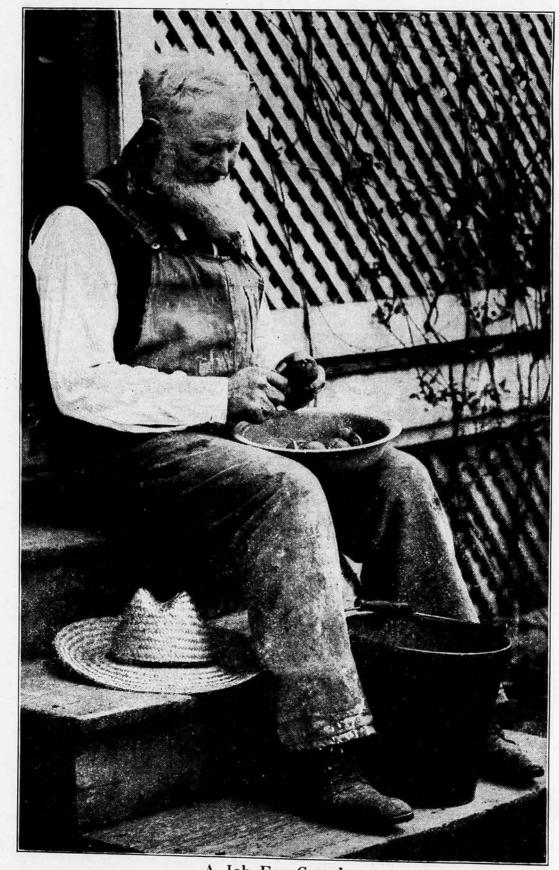
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# FARMERS MAIL AND BREEZE

Vol. 45.

July 31, 1915

No. 31.



A Job For Grandpa

**Corners** 

Room and

Doesn't Waste

# A Great Combination

The Tractor is the Big Four with twenty H. F. at the drawbar. The plow is the Emerson attached directly to the Big Four"20." When you get a Big Four Tractor, you get the steadlest, most dependable power in the world. When you get an Emerson Plow, you get the best plow on earth for any and all conditions.

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When the tractor is to be used for other work than plowing.

When the tractor is to be used for otherwork than plowing, the plows may be quickly detached.

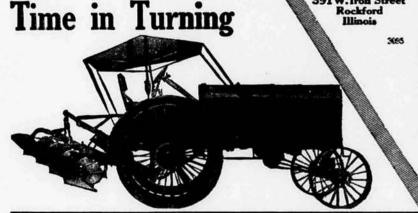
# The Big Four "20"

s two specus torward and reverse—burns gas-line and kerosene—is adapted to practically al soil conditions. Handles readily harrows, disks, pulverizers, drills, mowers, etc.—and all belt work. **Plows** A Size of Tractor Out the For Every Farm

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# JUST ABOUT FARMING

WHEN several thousand farmers travel, in many instances, long dis-tances to see a demonstration of power farming, as they did, last week, at power farming, as they did, last week, at Hutchinson, the country need not worry about the progressive spirit of the men engaged in that business. Farmers in the Middle West are moving with the times. They are determined to have the best, to adopt new methods, to keep themselves and their work in tune with modern thought. Farmers do not go to a tractor exhibit to criticise. They go to study and to learn. They are go to a tractor exhibit to learn. They are eager for information. And Kansas, which has just closed the greatest display of its kind the world has ever seen, is in the forefront. Kansas will never abandon horses; no state will do that. The best four-footed friend man ever had will be saved from the gruelling hard work, the heavy hauling, the back-straining pulling. The tractors will do the heavy work. The interest in the Tractor Plowing Exhibit at Hutchinson proved this to be the farmers' viewpoint.

## Weeds

Weeds are causing more damage than usual this year. The wet weather kept the cultivator idle for quite a while, and this gave these pests a good chance to get a start. Even with this start which the weeds obtained, however, there are farmers in almost every community who have not been troubled a great deal with them. These men as great deal with them. These men as great deal with them. These men as a rule have a good crop rotation, which has helped to eliminate these foreign plants. In speaking of this recently, H. R. Cox, of the Office of Farm Management of the United States Department of Agriculture, said:

"An important benefit from practicing a rotation is in the control of weeds. If land is planted to the same crop year after year, certain weeds have ample

after year, certain weeds have ample opportunity to make top growth and mature their seeds, and these weeds therefore become firmly established; but if the land is planted to different crops in succession these weeds do not have the opportunity to make nearly so much

opportunity to make nearly so much headway.

"Furthermore, adopting a rotation usually means the growing of grass, clover, or other forage crops. These crops not only discourage many kinds of weeds by their shading effect, but also give weeds a poor chance to mature seeds, as they are cut for hay before most weeds ripen. Again, adopting a rotation often means growing cultivated crops on land where such crops have not been raised. The value of cultivated crops in cleaning lands of weeds has often been emphasized.

"Demonstrations of the value of a

this recently, Grant Slocum of The vated crops on land where such crops have not been raised. The value of cultivated crops in cleaning lands of weeds has often been emphasized.

"Demonstrations of the value of a rotation in controlling weeds are available in many localities. For example, in western Kansas wheat usually is grown continuously and when this is grown at a rotation, including a cultivated crop and a forage crop, is adopted, the weeds that are so common under continuous wheat growing do not have so much chance to make growth and to mature their seeds. Hence, weeds become very much reduced."

\*\*Management\*\*

\*\*Management\*\*

That a study such as the farm management survey, covering every farm within a given area, yields a great amount of fact regarding the profits of farming has been conclusively proved. Such studies have already shown in a concise manner a number of principles fundamental in determining the profitableness of the farm business. Probably a study of all the farms in a region is essential to the development of these fundamental principles.

sential to the development of these

fundamental principles.

There is another angle, however, from which to consider this method of investigation that is most vital to the farmer. He is immediately concerned as to the way the successful farmers in his own region are running their farms. The products which by their own excellence

territory nearby. A careful study of the farm organization on a group of profit-paying farms would seem to be a close guide to the possibilities of most of the farms in the same county or same valley or same part of a state, as the case may To find out for the farmers of moderately restricted regions what the paying enterprises of each region actually are we should confine our attention to those farms which are paying the operators a substantial income and should keep in mind the regional application of the study.

Finding the profitable farms is easy where a previous complete survey has been made. Where it has not a brief inquiry made at each farm will eliminate the weaker farms and allow complete records to be made of those which are doing a good-sized business.

A study of the profitable farms only

seems logical and adequate. One would not expect to learn much of successful practices from farmers who are not themselves successful, except so far as when any enterprise or group of enter-prises is found on the greater propor-tion of the successful farms this is strong evidence of its value to farmers of the region. To find that other enter-prises which may be common in the region do not exist on profitable farms, or do so only when surrounded by ex-ceptional conditions, is also good evidence of the unfitness of those enter-prises for profitable farming in that

# Pastures

Pastures are in good condition in almost every county in Kansas. The hay crop will be especially large this year, and it should produce a great deal of feed. These things are decidedly encouraging in the development of the livestock business in Kansas of the livestock business in Kansas of the livestock business in Kansas, especially when it is considered that the grain crops, including wheat, have had more than their share of trouble. These things should do much to show that the most profitable agriculture for Kan-sas must be founded on livestock.

# Progress

Kansas farming needs men who will do things. Farmers need high ideals, and a wish to improve—in other words the proper kind of discontent, which will result in progress. In speaking of this recently, Grant Slocum of The Gleaner said:

# Eggs

Government poultry experts estimate that production of fertile eggs on the farm during the summer months results in a 29 per cent loss. "Swat the roost-er" and sell eggs that will reach the consumer in an edible condition. Every or by the economies resulting from their bad egg sold helps cut down the total combination prove profitable to any value of surplus poultry products. Some considerable group of farmers are the most promising sources of profit for the most promising sources of profit for the price paid for fertile and infertile eggs majority of farmers in similar farming during June, July and August.



# THE FARMERS MAIL AND BREEZE

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# The Tractor Show Was a Big Success

BY F. B. NICHOLS, Field Editor

life in Kansas.

More than this, it was the greatest event of its kind that the world has ever seen. Forty tractor and plow firms were on the field, and there never has been more than 27 companies together before.

Many of the firms entered more than and the firms at the firms of the firms Many of the firms entered more than one tractor, so that more than 50 engines were actually at work. Most of these were of the smaller sizes, which indicated in a forceful way the trend of power farming in this state. There were many of the larger sizes, however, and they came in for their full share of attention. An exceptionally large attendance was a feature. The official estimate on the crowd was 16,000 persons for Thursday, and above 10,000 for both Wednesday and Friday. The crowds were somewhat smaller than this for the other days. A characteristic of these crowds that attracted a great deal of attention from

tracted a great deal of attention from the tractor men was the technical interest shown in the questions. All the visitors were especially interested in power farming, of course, or they would not have been there, and many of the farmers had tractors. They especially studied the relative efficiency of the different makes as indicated by their work side by side. side by side.

side by side.

An endless stream of questions was asked of the tractor men all through the day. It was most obvious that the crowds had come to the exhibit to learn all that was possible to learn about modern tractors and their operation. After this information was obtained a large number of men purchased tractors. number of men purchased tractors.

Of course there were some things did not go so smoothly as they which was to be expected, for this was the first experience of the officials in charge of the show. And then, too, many of the tractor men were not experienced with demonstrations. In addition, a rain storm. Monday, delayed, the ploying with demonstrations. In addition, a rain storm Monday delayed the plowing somewhat, and made some soft places in the fields in which the tractors had trouble, especially the larger ones. But with all of this there was a good spirit of co-operation among the officials, the tractor men and the crowds, which helped to keep everyone in a good humor. And then, too, the soft places gave the And then, too, the soft places gave the

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among Kansas farmers, especially in the wheat belt, that there is a need for deep-

ity in their tractors. This was such in the very technical questions which the visitors asked the tractor men, and in their remarks to one another. It is in their remarks to one another. It is very generally appreciated that the best is the cheapest in the tractor world. More than this, it was shown forcefully that there is a marked variation in the designs of the different makes and in the designs of the different makes and

land, but never had the opportunity been offered to see so many tractors operating under these conditions.

Another encouraging feature was the interest shown by farmers in deep plowing—the outfits which were going down deeply attracted the most attention. The reason for this of course is that there is an increasing appreciation among Kansas farmers, especially in the way from the two-bottom plow to one wheat helt that there is a need for deepamong Kansas farmers, especially in the wheat belt, that there is a need for deeper plowing for wheat at the first of the season. The increased profits that can be obtained on fields of this kind above that which may be obtained on soil prepared in the ordinary way frequently will more than pay the cost of the engine in two or three years.

Kansas farmers are demanding quality in their tractors. This was shown in the very technical questions which the visitors asked the tractor men, and way from the two-bottom plow to one of ten bottoms; there were much larger plows brought to the field with engines big enough to operate them, but the soil was too soft for their use. In addition to these ordinary plows a rotary machine was shown by the Allis-Chalmers company, which attracted considerable attention. The idea of the rotary plow is not new, as considerable work has been done along this line in Europe, but as most of the visitors had not seen one work it attracted considerable attention. work it attracted considerable attention.

Probably the most pleasing thing of the whole exhibit is that the fine educational work in power farming which was done will allow its development in Kansas on a logical basis. It is quite obvious that there is to be a great in-

THE Kansas Traction Plowing exhibit, which was held last week at Hutchinson, was the early light of the dawn of a better era in farming. It pointed the way to a more profitable and satisfactory agriculture, which will return more in human contentment than the systems of the past. The show was an indication of brighter days for rural life in Kansas.

different makes a chance to show just sizes, and that it is extremely important that one should get a tractor adapted to one's farm and work. The show offered to ne's farm and work to which every man must settle for him-self, in the light of all the information which he can collect. The exhibit did a great deal to increase the knowledge of engines and their farm uses among the

of engines and their farm uses among the producers of this state.

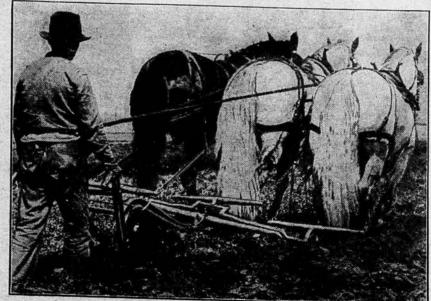
"The educational work done by this show will be noticed for many years," said H. M. Bainer, field manager, at the close of the plowing Saturday. "We have had mighty good interest from the crowds and splendid co-operation from the tractor and plow men, which has all helped greatly in making this information available. The lessons in power farming which have been taught here will have a vital effect in increasing the

farming which have been taught here will have a vital effect in increasing the profits from Kansas agriculture in the next few years."

"I think that this show has been a great success," said Edward Donivan, a farmer from Dodge City. "Any farmer who has come here with a wish to learn of the work of the different makes has of the work of the different makes has had a good chance to study them at first hand, and to see just what they will do under ordinary field conditions. After going into the matter in this way I purchased a tractor, which I believe is of the best make and size for the work I have."

'A considerable development in power "A considerable development in power farming is coming in the near future in eastern Kansas," remarked W. A. Rankin of Neodesha. "There is a special interest in the smaller sizes, which are especially adapted to our section. The rapid increase in the efficiency of these mechanics recently is aiding in this movemachines recently is aiding in this movement. An exhibit of this kind certainly gives one a fine chance to study this. I think that both the interest and the

attendance are remarkably good."
"The farmers in Kansas, and especially in my section, are not overlooking the increased yields which can be obtained by plowing at the proper time for wheat," remarked C. K. Broughton of Conway. "The proper use of a tractor allows one to get over the land rapidly, at just the time it should be plowed for granule. I time it should be plowed. For example, I have a 40-horsepower engine which pulls 10 disk plows, and last summer I plowed 160 acres in four days. We ran the out-fit two nights during this time. If one (Continued on Page 18.)



No One Seriously Believes That Tractors Will Supplant Horses; Tractors Will Take the Heavy Work of Farming.

### DEPARTMENT EDITORS

Turner Wright
F. B. Nichols
Harley Hatch
C. W. Metsker vestock Editor.

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

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# The Farmers Mail and Breeze

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T. A. McNEAL, Editor. A. L. NICHOLS. Associate Editor.

E. W. RANKIN, Advertising Manager.

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# Passing Comment--By T. A. McNeal

# The World Has Changed

As the story goes there is in India a class of scientists who have made deeper studies of the mysteries of life than the people or even the most highly educated classes of any other country. They even claim to have solved the mysteries of life and death and to have able to suspend animation for an death and to be able to suspend animation for an indefinite period and during that time to prevent the processes of decay. Rip Van Winkle, according to the folk lore tale of Washington Irving, partook of the powerful liquor of the elfin dwarfs of the Catskill mountains and as a result was cast into Catskill mountains and as a result was cast into sleep from which he did not waken for twenty years. But in Rip's case the natural processes went His body changed from the stalwart frame of manhood to the decrepit frame of age. His hair changed its color from dark to white and when he woke his head and face were covered with an extended growth of snow white hair and whiskers.

It is claimed, however, that by the use of certain drugs whose properties are only known to them, these Hindoo scientists can put a man to sleep for a hundred years or more and at the end of that period he will wake as unchanged in appearance as a healthful man after a night's refreshing sleep.

I do not pretend to vouch for the accuracy of this report. I never saw a person who had been practiced on by one of these Hindoos. I am only telling the story in order to point a moral.

According to this story at some time during the year 1810 an enterprising citizen of Vermont con-cluded to make a journey around the world. He had to go on a sailing vessel as ocean steamships had not at that time been invented. In the course of his travels he at last reached

India and struck out on a journey through the interior. On this journey he made the acquaintance of one of these Hindoo philosophers and scientists. who told him of the possibility of indefinite sus-pension of the operation of the human organs. Ephraim Smith, the Vermonter, was filled with cur-iosity and also with doubt. If the date had been a hundred years later he would have informed the Hindoo that he was from Missouri. He finally decided to try out, as he expressed it, the "dad gummed heathen's medicine." He reasoned that if it was a fake as he supposed, no particular harm would be done, while if the Hinden beam with the world be done, while if the Hindoo knew what he was talking about and could really put him to sleep for a hundred years and at the end of that time he would wake up just as good a man as when he went to sleep, he would be just one hundred years ahead of game.

So he took the dose prepared. In a few moments he felt himself being overcome with an intense desire to sleep and in a few more moments lost consciousness entirely. The next date of which the Vermonter had any knowledge was December 25, 1914. It seems that the Hindoo had given a slightly overdose so that he actually slept one hundred and four years instead of only one hundred. At the time of his wakening Ephraim, according to the record of the old family Bible back in Vermont, was one hun-dred and forty years old, but to all intents and purposes he was only thirty-six.

When he woke he found himself lying on a couch in the interior of a Hindoo temple. The attendants the temple were all strangers to him. that the Hindoo who gave him the sleeping potion had neglected to take his own medicine and had a natural death about 50 or 60 years before Perhaps the Hindoo scientist had grown disgusted with the world and its shams and concluded to die a natural death and stay dead.

None of the attendants could give Eph much satisfaction as to why he was there. So far as he was concerned he was of the opinion that he had merely had a comfortable night's sleep and when they pulled the record which was kept in the temple and tried to convince him that he had been there for one hundred and four years he concluded that he was in the hands of a lot of lunatics or else that they were trying to work off a joke on him.

However, without taking the trouble to dispute their records he put on his clothes and wandered out of the temple and down to the Hindes will are extended.

of the temple and down to the Hindoo village expecting to hire an ox team to take him down to the city of Singapore. As he strolled about he saw a strange looking machine approaching. It was un-like anything he had ever seen before. A huge volume of smoke was issuing from a large pipe on

top and the machine made of iron, was apparently dragging a large number of great carriages, larger than he had ever seen before, over iron rails. He asked a bystander, who was evidently an Englishman, what it was. The man at first supposed that Ephraim was joking but when he insisted that he had never seen such a thing in his life, the Englishman turned to another Englishman who was wearing the uniform of a British officer and tapped his forehead. Eph heard the remark, "The bloomin' beggar has bats in his garret. 'E 'as been struck with 'eat." The story goes on to tell how the bewildered Vermonter was finally made to understand that the big carriages hauled by the infernal smoke belching machine were intended to ride in and that if he would get in one and take a seat they would carry him to the city of Singapore. The ride was a con-tinual source of unexplainable wonders to the man who had slept for more than one hundred years. He was still possessed of the notion that he had only slept during a single night and here was a transformation more wonderful than the creations of the lamp of Aladdin. But when he reached the city his bewilderment increased tenfold. At the station another car, shaped something like the ones drawn by the smoke belching machine, was stand-ing, and as he watched it, it suddenly started off without anything either pulling or pushing it so far as he could see. Turning to another Englishman he asked, "Mister, will you tell me what the \_\_\_\_\_ makes that thing go?" The Englishman looked at him in astonishment for a minute and then conclud-

ing that he was probably insane but harmless, decided to humor him. "That is electricity," said the Englishman. "Electricity," repeated Eph. "And what is electricity?" There was where he had the Englishman, who as a matter of fact didn't know just what electricity was himself, but he tried to explain as best he could to the supposed harmless lunatic that electricity was the same thing as light-ning that had been brought under control and made to furnish power to move cars and other things.

Eph listened but decided that he didn't propose to trust himself to any car that was run by light-ning and walked away till he found a hotel. There was the sign but it didn't look like any hotel he had ever seen before. It was higher than any house he had ever seen and when he went in to register they told him that the only room available was on they told him that the only room available was on the fourteenth floor.

"Jerusalem crickets," exclaimed Eph, "how do you suppose I am going to climb 14 flights of stairs to get to my room?"

"Take the elevator," said the clerk, who supposed that here was a man right from the back country in the hills. "Just step in here and wait a minute and the boy will take you up." Eph stepped into a small room to wait for the boy when suddenly the room, floor and all, began to shoot upward. He could not suppress a yell of terror and grabbing the elevator boy by the neck asked what caused the explosion. "What explosion?" asked the boy, as he struggled to free himself from Eph's terrified grip. "Why, somebody had blowed up the hull durned buildin, you young idiot," panted Eph. "We'll hit the sky in about a minute and you had better begin to pray." stepped into a small room to wait for the boy when better begin to pray."

By that time the car had reached the 14th floor and stopped. The boy was divided between the impression that he had been sent to conduct a raging lunatic or a blithering fool to his room but concluded that he would be game and said as he stepped out of the elevator, "This way, Mister. Here is your room."

It was dark inside the room but the boy pressed a button and suddenly the most brilliant lights flashe out, making the room as light as day. "What did that?" asked the man who had slept for more than a hundred years. "Electricity," was the laconic answer of the boy. "Look here, young fellow," said Eph, "I want another room. Do you think I want to stay in a room where I am liable to be struck by lightning any minute?" The boy was worried but stood his ground and tried to explain to Fah that stood his ground and tried to explain to Eph that there wasn't any danger; that he had been taking men to this room for years and they all got out safe. When he left Eph was not satisfied but concluded to risk it. An hour or two after that Eph was discovered wandering about the hall by one of the night clerks. "See here, Mister," said Eph as he grabbed the night clerk by the arm, "how in thun-

der do you manage to blow out these dum candles? I have blamed near busted my bellows tryin' to blow 'em out but I don't seem to make any impression." The clerk didn't laugh. He had been taught that a guest was never to be laughed at. He stepped inside Eph's room, pressed a button and suddenly all was darkness. Then he patiently showed Eph how to do it. The Vermonter who had slept a hundred years wasn't satisfied but said to himself if other folks could stay in a place that was lit by lightning he could. When he struck the bed he got another surprise. He had never seen or heard of a wire mattress in his life. The way the bed tetered and sprung up and down disconcerted him but he determined to stay with it. The next morning he walked down 14 flights of stairs. He didn't propose to take any more chances on that elevator. It had stopped with him before but the next time it might blow up entirely.

Everywhere he turned sights utterly strange to him met his eye. He was in a strange unknown world to him and he was homesick. He asked the hotel clerk when he could get a ship for the United States. The clerk told him that a boat sailed that afternoon and the hotel could book him for passage if he wished. He did wish and that afternoon found him at the wharf: There was a huge steamer tied up and he was told that it was his ship. He went on board and sidling up to a sailor man said, "This here is a right smart chance of a ship, Mister, but when be you goin' to run up the sails and get ready to sail?" "Sails?" said the sailor man. "Where have you been? Why man, there hasn't been a pas-senger ship run by wind and sails for these fifty

"What are you givin' me?" said Eph indignantly. "Man, I came over here on a sail passenger ship only last week," and gave the name of the ship. The sailor man looked him over without saying anything and then went to hunt up the chief officer. Touching his cap he said, "Beggin' your pardon, sir, for the suggestion, but that man over there is nutty."

On the voyage every day made the Vermonter more and more bewildered. When he landed at New York and saw the streets crowded with horseless vehicles, people talking to each other over wires; men flying through the air like birds; buildings men flying through the air like birds; buildings sixty stories high; people traveling under the ground instead of on top of it; streets one minute in darkness and the next filled with a myriad brilliant lamps, he concluded that he must be crazy or dreaming. And then he happened to reach into his inside pocket and find an old memorandum book, yellow with age. He opened it and saw a dim scrawl which said, "On this 25th day of December, 1810, I have met up with a Hindoo who says that he can put me met up with a Hindoo who says that he can put me to sleep for a hundred years. I think he is a liar and faker but I am going to let him try his medi-cine on me." And then he looked at the date of the cine on me." And then he looked at the date of the paper he was reading and saw that it was January 25, 1915. A light broke over him. "That brown skinned duffer did the trick. I have been asleep for one hundred and four years. But this isn't the world I went to sleep in. I have waked up either in heaven or hell."

# The Grandfather Clause

Editor The Farmers Mail and Breeze—In your issue of July 3, with reference to the Supreme Court decision and under the caption, "Grandfather Clause Knocked Out," you make this assertion: "Every man, unless he be steeped in prejudice to the extent that makes it impossible for him to reason fairly, will say that this is a just decision. The Grandfather clause was intended to annul the Constitution of the United States when it was enacted. While pretending to fix an educational qualification, which any state has a right to do, it made that qualification apply only to certain persons."

While the Supreme Court decision as rendered affected only Maryland and Oklahoma, one would infer from your article that the entire South had similar laws. That is not true and I refer you to the qualifications required of an elector in Mississippi and other strictly southern states; where the voter is required to know how to read, write and understand the Constitution of the United States. Do I understand the editor to say that he believes himself capable of drawing so strong an indictment against the people of that state as to say they are steeped so far in prejudice as to be unable to reason fairly?

Does the editor feel as if the ignorant black man of Mississippi who can neither write nor read should have the same voice in selecting the government as he would have if he were a Mississippian? I don't think he means that! If he

does mean it and it were actually put into practice there would be more burying going on in that state than there ever has been before, the siege of Vicksburg not excepted.

You say further in your article that these qualifications were for the express purpose of annulling the Fifteenth amendment of the Constitution. That is absolutely true. No one denies that. It is, also, more than true that the Fifteenth amendment was added to the Constitution as a result of prejudice and passion; that to a man who can in these days take time to reflect calmiy that passion and prejudice and hatred of the South should have encompassed our northern brothers to such an extent as it did in the days following the Civil War as to force upon the South such ignoble burden as that amendment seems beyond belief.

The southern states were placed in the hands of "carpet baggers" and while so held some of them did endorse this amendment but as soon as these states were reconstructed and taken from the hands of the "Ames" men this amendment was repudiated by the several states and never to this day has been approved by the required majority of the states of this Union.

If a man must endorse unrestricted suffrage of the negro to be able to reason fairly, God forbid that the people of the South ever should become capable of reasoning fairly! God forbid that Mississippi or other southern states ever should have another Ames as governor to impeach.

There is absolutely no such thing as race prejudice. It does not exist, except in isolated cases, here and there but far more so in northern states where the negro is not understood and appreciated. A negro can get a fairer trial in court today in Mississippi or Alabama or any other, strictly southern state than he can in Kansas or Illinois or other northern state. I know this from actual observation. There is no theory about it. Look at the Springfield, Ill., massacre of negroes a few years ago. Do you call that "reasoning fairly?"

If the northern people would just stop the fool talk about race

Your letter, Mr. Norman, makes me laugh. You bject because I say that "every man, unless he be teeped in prejudice to the extent that makes it mpossible for him to reason fairly will say this is just decision." Well, Mr. Norman, do you not onsider it a just decision? It was rendered without dissenting opinion. The opinion was prepared by southern judge. If you dissent am I not justified n saying that you are so filled with prejudice that ou are incapable of reasoning fairly?

But if there was any doubt concerning the correctess of my statements you have set that doubt at
at by declaring that I am correct in those stateents. I said the "Grandfather clause" was for the
ents purpose of annulling the Fifteenth Amendent to the Constitution. You say that is absotely true. Then what ground of objection have
ou to my statement?

But to me the most amusing thing in this letter the statement that there is no such thing as rece prejudice, although in a previous statement Mr. Norman says that if the ignorant black man in Mississippi were given the same right of suffrage at the Mississippian there would be more "burying going on in that state than there ever has been, the siege of Vicksburg not excepted."

"Ab olutely no race prejudice." Oh, certainly not! Just the same however, according to Mr. Norman, if the ignorant black man were to undertake to exercise the right guaranteed him by the Constitution of the United States, he and his fellow tack men would be murdered by wholesale. Of course, I presume the murdering would not be done in

urse, I presume the murdering would not be done in prejudiced way. It would be conducted in the most indly and unbiased manner. I presume that Mr. orman means that no favoritism would be shown. Il the ignorant blacks would be killed with most

If the ignorant blacks would be killed with most ir minded impartiality. By the way, how is this for a sentence that is lculated to add to the gaiety of the world? "Does be editor feel as if the ignorant black man of Missippi should have the same voice in selecting the vernment as he would have if he were a Mississippian?" If the black man who was born in Mississippi d whose ancestors were born in Mississippi d whose ancestors were born in Mississippi for at an?" If the black man who was born in Mississippi id whose ancestors were born in Mississippi for at at 150 years back, is not a Mississippian what he? Mr. Norman means of course that the ignornt white man of Mississippi should be permitted over but that the ignorant black man should ot and yet he says that "there is absolutely no ach thing as race prejudice."

Now I have no particular objection to an edu-

sch thing as race prejudice."

Now I have no particular objection to an edutional qualification but that qualification should pply alike to whites and blacks.

Here is another thing I wish to call to the attention of Mr. Norman: It takes no more states to hange the Constitution now than it did when the ifteenth Amendment was adopted. If three-fourths f the states of the American Union desire to nock out the Fifteenth Amendment they can do orce comes perilously close in my opinion to being

The Confederate states did not pretend that they were trying to overthrow the government of the United States. On the contrary, they claimed a constitutional right to withdraw from the Union. Fet their act was denominated treason to the government. Mr. Norman admits that the southern tates deliberately attempted to courthrow a park tates deliberately attempted to overthrow a part

of the Constitution and he says that an attempt to put the Constitution into operation at least in the state of Mississippi would result in wholesale murder. The Constitution is the fundamental law of the land. To overthrow it is to overthrow the government itself and to overthrow by force any part of that Constitution is as great an offense as to overthrow the whole Constitution.

part of that Constitution is as great an offense as to overthrow the whole Constitution.

Mr. Norman says that a negro can get a fairer trial in Mississippi or Alabama or any other southern state than he can get in Kansas. Probably Mr. Norman believes that, but it is not true now and never has been true. Furthermore, his own statements prove that it is not true. He says in effect that if negroes should attempt to exercise their constitutional rights in Mississippi they would be buried. I presume, as I have said, that they would be buried. I presume, as I have said, that they would be murdered by the mob. I cannot think that he means they would be buried alive. That cannot happen where a citizen has the ordinary protection of the courts.

# Somewhat Faulty Logic

Readers who in their school days were required to study logic will remember what was called "reductio ad absurdum," which translated into ordinary English meant that it was possible by a system of reasoning to seem to prove an absurdity. I was reminded of this when I received the following

reminded of this when I received the following letter:

Editor The Farmers Mail and Breeze—Government reports tell us that at least 15 per cent of our cattle have tubercularis. Therefore, the more milk that is used, the more milk from tubercular cows will be used, and, the less milk that is used the less milk from tubercular cows will be used, and, the less milk that is used the less milk from tubercular cows will be used. It is generally admitted as a fact that the people of the country use more milk than those in the city. And if they do, they must use more milk from tubercular cows. But statistics tell us that the residents of the country have less tuberculosis than those living in the city. From this we see that the more milk from tubercular cows that is used the less tuberculosis we have.

Again, the white population in the city uses more milk, and therefore more milk from tubercular cows than our negro people. Statistics tell us also, that the negro death-rate is much greater than that of the whites. That is the more milk from tubercular cows that is used the less the tubercular death rate. And yet again, white people use and have used much cow's milk while the Indians have used comparatively none, and the white race has an average of only about 10 per cent of a tubercular death-rate while that of the Indian ranges from 25 to 75 per cent. Here again we have the more milk from tubercular death-rate. We notice also, that our children, whose principal diet is milk, have a less death-rate than our adult population. From this it will be seen that the more milk from tubercular cows that is used the less death-rate we have. Right in the face of these statistics we are eliminating the tubercular cows from our dairies.

St. Joseph, Mo.

W. S. GREGORY, M. D.

# Ranges and Townships

Editor The Farmers Mail and Breeze—Do township ranges run across the state or from north to south across the entire United States and where is the principal meridian?

Alden, Kan.

R. N. ATWELL.

Alden, Kan.

Principal and guide meridians are established for convenience in surveying. In the state of Kansas the principal meridian known as the 6th principal meridian, runs from the north to the south line of the state. It forms the dividing line between the counties of Republic and Washington, Cloud, Ottawa, Saline, Clay and Dickinson, McPherson and Marion and bisects the counties of Harvey, Sedgwick and Sumner. It passes a few miles west of the city of Wichita. R. N. ATWELL.

wick and Sumner. It passes a few miles west of the city of Wichita.

In addition to the principal meridian there are five guide meridians in the state running parallel to the principal meridian. One of these lies east and four lie west of the principal meridian. Running at right angles with the meridian are five standard parallels crossing the state from east to west. The ranges are numbered east or west from the 6th principal meridian and the townships are numbered north or south from the standard parallels.

paraliels.

For example, if I have the town of Alden rightly located, it lies in range 9 west and township 1 south. These meridians and standard parallels do not extend to the boundaries of the United States. They were established by surveyors for convenience in the state, or what was then the territory of Kansas.

# Underwood's Speech

Editor The Farmers Mail and Breeze—I enclose herewith for your inspection and comment, if you think it worth while, the speech of Mr. Underwood in which he reflects on Kansas. I feel that there must be something wrong with his figures but I do not know. I dislike having anyone think he has "one on" Kansas. I have been a subscriber to the Farmers Mail and Breeze for several years for the sole pleasure I derive from reading your Passing Comment.

Lieutenant Colonel Philippine Constabulary.
San Francisco, Calif.

The speech of Ocean Underwood.

The speech of Oscar Underwood was the most The speech of Oscar Underwood was the most illogical and intellectually impoverished speech perhaps that he ever made. There is nothing in it of originality. The figures were gathered for him by the Wholesale Liquor Dealers' association and emitted by him without even the process of mental digestion. The speech was made in payment for the support given him in Alabama during his candidacy for senator. dacy for senator.

It probably is not a mere oversight that in the tables showing the number of liquor licenses issued

by the government the name of Kansas is omitted entirely. Neither in any table in his speech is there a single comparison showing the comparative amount of livery accounts in the comparative amounts. of liquor consumed in Kansas and other states. The reason for this omission is plain enough. The liquor dealers do not dare to publish the figures showing the number of liquor licenses issued in Kansas as compared with the number issued in license states. Neither is there anything in the tables showing the relative amount of liquor consumed in Kansas

the relative amount of liquor consumed in Kansas and the other states.

It would be easy to show the utter unreliability of the statistics as quoted by Mr. Underwood so far as they relate to the effect of prohibition. For example, he quotes voluminously from the death rate statistics in the different states, the object being to prove that people die faster in prohibition states than in license states. But here are two states than in license states. But here are two license states lying side by side. In Indiana the death rate a hundred thousand is 91, in Kentucky 113. Evidently the higher death rate in Kentucky cannot be attributed to prohibition.

He cites the number of divorces granted in Kansas as compared with the divorces in a number of high license states in order to prove I presume that

sas as compared with the divorces in a number of high license states in order to prove I presume, that booze contributes to connubial bliss. He does not say that whereas in Kansas the statute provides 10 different grounds for divorce, in many of the license states quoted there is but one ground and in the state of South Carolina no grounds at all. Divorces cannot be obtained in that state. His figures in regard to savings deposits are equally fallacious. Savings banks flourish in states where a large part of the population works for

equally fallacious. Savings banks flourish in states where a large part of the population works for wages. In an agricultural state like Kansas with comparatively few wage workers savings banks are comparatively little used. If however, he had quoted the average per capita wealth of the states he would have shown that the per capita wealth of Kansas is larger than that of any other state in the Union and this means more in Kansas than in most states because the wealth is more evenly distributed here because the wealth is more evenly distributed here

because the wealth is more evenly distributed nere than in most of the states.

Here are a few salient facts that Mr. Underwood entirely neglects to mention: First, the amount derived from government liquor licenses in Kansas is less and very much less than in any other state of anywhere near the population of Kansas. Second, the amount spent for liquor by the people of Kansas is only a small fraction of the amount spent per capita in the license states.

per capita in the license states,
Third, the man who says that there is as much
liquor drank in proportion to the number of inhabitants in Kansas as in any other state in the American Union has either never made a personal investigation or else he is an unregenerate and a

The logic of Mr. Underwood's speech, if a specious fallacy can be called logic, is that the more liquor people consume the more prosperous they are, the more healthy and the more moral.

more healthy and the more moral.

Finally, the logical conclusion of Mr. Underwood's argument is that a very large majority of the people of Kansas, I would say at least three-fourths of them, are a set of fools who deliberately and earnestly desire to continue a policy which breeds death, disease, poverty and domestic discord.

The people of Kansas are not fools. They are intelligent and practical. They have tried out the policy of prohibition for more than 30 years and at the end of that time the sentiment in favor of the policy is stronger than it ever has been before.

Mr. Underwood may twist figures with the object of showing that prohibition increases crime, insanity, disease and poverty but the people of Kansas know from experience that his conclusion is a lie.

# An Indian's Opinion

An Indian's Opinion

Editor The Farmers Mail and Breeze—I read in the Farmers Mail and Breeze the 10 July what Tom Hubbard, Lem Woods, Tom O'Shannon and others say about cause and effect of war in Europe. They jes like my neighbors—can't agree. Now I am Indian, 'fore statchood they say Uncle Sam make me U. S. citizen so I vote for president. One time we had bands of outlaws here. One of these folks call it Dalton gang—rob banks in Coffeyville, Kan. Folks not directly interested did not say to bankers, "You ketch 'em." The shoemaker, liveryman and maybe so the merchant grab it. They peace makers and made gang quit its pernicious activity. Most of gang they also shoot full of holes. I think that a good way to do a nation what breaks the law of decency.

My neighbor Tommy Atkins say it was Germany first dig up tommyhawk. Herman Van Horn he say England was throw his hat in ring first. Maybe so one of them mistake, but Uncle Sam he who to blame and I think all peace loving nations should help whip it the real offender into line now, and not wait for peace treaties. I don't think one nation should be allowed to jeopardize the peace of the world and not be required to pay the price. I hope to see this in Passing Comment.

Haskell, Okla.

# Use For the Pope's Bulls

HOTKE EMARO.

Editor The Farmers Mail and Breeze—I feel that I am one among many who are under obligations to you for the boiled down news of current events written under the heading, "What the World Is Doing" in Capper's Weekly. It saves one the toil of wading through columns to find out what is going on in the world.

The pope seems to be the most worried man in the war zone at present. Might it not be possible for him to use his bulls to advantage in defending the vatican? Can you advise him in regard to this matter?

Medicine Lodge, Kan,

The pope is missing a great deal of valuable in-

The pope is missing a great deal of valuable information on account of the fact that he has failed to send in his subscription.

# Poison the 'Hoppers

In trying to kill grasshoppers in the last two years the poisoned bran mash flavored with fruit juice has been so thoroughly tested in this state as well as in other states and countries and has been so effective that the Kansas Experiment station does not hesitate in recommending it as the most effective and the most practical method of control. The bran mash is made as fol-

bran and Paris green thoroughly in a wash tub while dry. Squeeze the juice of the oranges or lemons into the water, and chop the remaining pulp and the peel to fine bits and add them to the water. Dissolve the sirup in the water and wet the bran and poison with the

mixture, stirring at the same time to dampen the mash thoroughly.

The bait when flavored with oranges or lemons was found to be not only more attractive but was more appetizing and thus was eaten by more of the

The damp mash or bait should be sown broadcast in the infested areas early in the morning, or about the time the grasshoppers are beginning to move about from their night's rest. It should be scattered in such a manner as to be scattered in such a manner as to cover from 4 to 5 acres with the amount of bait made by using the quantities of ingredients given in the formula. Since very little of the bran mash is eaten after it becomes dry, scattering it broadcast in the morning, and very sparingly, places it where the largest number will find it in the shortest time. Sowing it in this manner also makes it impossible for birds, barnyard fowls, or livestock to get a sufficient fowls, or livestock to get a sufficient amount of the poison to kill them. On alfalfa fields, in order to obtain the best results, the bait should be applied after a crop has been removed and be-fore the new crop has started. If they are moving into the corn, alfalfa, new wheat, or garden, a strip of the poi-soned bran mash should be scattered early in the morning along the edge of the crop into which they are moving. If they have already spread into the fields the bran mash should be spread over the infested portions. Inasmuch as the grasshoppers may keep coming into the crops from adjoining fields, it will be necessary in several cases to make a second and even a third application of the bait at intervals of from three to

To make a successful fight against grasshoppers, too much emphasis cannot be laid upon the necessity of beginning upon the necessity of beginning promptly as soon as the insects are present in sufficient numbers to threaten the crops and continuing the work vigoreusly so long as the grasshoppers are

# Fly Repellants Needed

Please tell me how to make a fly-spray for my livestock.
R. I. Carlyle, Kan. Common laundry soap......1 pound Water ......4 gallons 

Cut the soap into thin shavings and dissolve in water by the aid of heat. Dissolve the naphthalin in the crude oil, an old dasher churn, and mix thoroughly for 15 minutes. The mixture should be applied once or twice a week with a brush. It must be stirred well before being used.

The cool, damp weather must agree with the laying hens as well as with Both Kentucky and English bluegrass will make good pasture even during the have our hens laid so well late in the middle of the summer providing there repellants and has been used alone and

repellants and has been used alone and in combination with various other substances. Other substances that have repellant qualities and that have been oil of tar, crude carbolic acid, oil of pennnyroyal, and kerosene.

# Wheat Yields Large

The end of harvesting an especially heavy crop of wheat is in sight around Claudell, in Smith county. Many fields will yield 35 bushels an acre and there is a large acreage, especially along the Solomon River valley. Rains have de-layed harvest, but no particular dam-age has been done.

# Hen Money Comes in Handy is plenty of rain; but that is something we do not always have at that time.

# Coffey County Farmers Appear to Have a Profitable Sideline

BY HARLEY HATCH

SCARCELY a farmer in this locality has sold less than \$25 to \$30 worth of eggs a month since last January. This is the low mark. From this up to \$75 and \$80 a month indicates the amount of the egg sales of neighboring farmers Several keep from 300 to 400 hens of egg laying strains and during the laying season these men sell from 3 to 4 30-dozen cases of eggs a week. April is our best month. Since then our receipts of eggs have decreased about 45 per cent but the hens are still laying better than usual for this time of the year. So it can be seen that if plenty of chicken feed can be raised and enough feed for the cows the farmers here will still have a fair income even if there is no corn for sale.

The pastures are full of feed and cattle are doing well both in the fields and at market.

fields and at market.

In former years when drier weather prevailed cattle perhaps laid on more fat the shorts \$1.20 a hundred pound sack, early in the season than they have this Feed and flour were all of the best syear. The grass has been washy to a certain extent but from this time on dently believe in meeting competition should be mature enough to make more for on the day our car arrived in Gridmeat. There were fewer flies during ley they were selling flour for \$1.55 a

June than I remember of having seen sack although all other nearby towns in Kansas during that month, but they have arrived in full force since July can be seen that Gridley was a good place came in. So far they are nearly all of to buy old wheat flour last week both came in. came in. So far they are nearly all of the black Texas variety. The big greenhead horsefly is scarce, consider-ing the wetness of the summer, but this is due to the last four dry years which about cleaned out this variety of pest.

But if cattle have not been laying on quite so much weight as the quantity of feed and the absence of flies would indicate they should, there can be no complaint on the score of the dairy end of the business. The usual June conditions have continued right on into July and our milk cows, the most of which were fresh last winter, are still giving a full flow of milk. In fact, since July arrived they have increased their milk flow. The dairy business is getting more of a hold here than ever. Perhaps there is no part of the West better suited to dairying than this locality for here we have the broadleaf prairie pasture at its best. When a man is milking from 8 to 12 cows, as many of our neighbors are doing, and when he has at the same time from 150 to 300 hens shelling out eggs, he does not feel a short crop as does the man who makes his living by raising grain to

member for this time of the year. Most egg buyers are now paying 14 cents a dozen, straight case count. Not so many years ago eggs at this time of the year brought from 3 to ear brought from 3 to 5 cents a dozen. Shippers now handle eggs much better and quicker than they used to and farmers take better care of the product when it is worth 14 cents a dozen instead of 3 or 5.

Our local Grange got in a car of flour and feed this week, buying from the mill at Burlington, our county seat, which goes to show that after all the Grangers believe in patronizing home industries. The flour, the

From Colony, Kan., comes an inquiry regarding the sowing of bluegrass and White clover for pasture. The kind of bluegrass is not given but from the combination with White clover I should judge that Kentucky bluegrass was To get a full pasture sod of this mixture requires considerable time in ordinary seasons. If immediate pasture is wanted I would rather start this fall by sowing on land prepared as for wheat, ½ bushel of English bluegrass seed to the acre, sowing as near September 1 as possible. Then, next spring, sow on this grass field 3 or 4 pounds to the acre of a mixture of Red clover, White clover and Kentucky bluegrass and harrow it in. The Red clover will make a good show within a year or so but later the White clover and Kentucky bluegrass will take possession gradually if soil and season are favorable. None of these tame grasses is so well suited to supply resture in Konsea. well suited to supply pasture in Kansas in summer as our native prairie grass. It would be good policy to have a pas-

If an intended pasture is sown to

Kentucky bluegrass and White clover alone the chances are that considerable time would elapse before a good pastime would elapse before a good pasture sod was formed. For this reason I am recommending the English bluegrass. That grass is very hardy and, has been no intense heat to hurt egg quality and for that reason, or some other, egg prices are the best I remember for this time of the year. Most egg buyers are now paying 14 cents a dozen, straight case count. Not so many years ago as if it had been sown to clover.

The dark limestone soil which our inquirer has is well suited to the growth of all these grasses. All that is needed to insure success is a fair amount of rain and a good seedbed to start with. The sooner the ground can be plowed the luse a disk to keep the growth down. This puts the land in excellent condition for the grass seed which should be sown with a press drill. The amount of stock that such a pasture should carry would depend altogether on the rainfall. Used in connection with prairie pasture in the hottest part of summer it should lengthen the pasture season by fully two months.

If all this hay is to be put up before cold weather sets in, work on it must begin soon. For instance, one neighbor best high patent made at the start he intended to do the work from old wheat, was with his own force. Now it is evident laid down in Gridley that he will have to have outside help. for \$1.55 a sack. The honter neighbor who has all the farm bran cost 95 cents and work at home one man should do is has a contract to put up 700 acres and Another neighbor who has all the farm work at home one man should do is engaged to mow 320 acres of prairie hay. So it goes; it is plain to be seen that the latter part of the season may be a busy one.

> Most of the oats have been cut this week. The straw is heavy and there seems to be considerable grain in it although it is evident that rust has done much damage. In one field which we cut about 25 per cent of the straw was down but the binder picked up the most of this. These down oats were only partly filled. The wonder is that with so much rain and so many wet mornings oats have stood up as well as they The cool, cloudy weather is what

> The rain appears to be a story which is run three times a week and of which the installments never fail. This week, which ends July 17, brought the usual amount but so distributed that farmers managed to get in two days' work in the fields. So far all the second crop of alfalfa which has been cut has been

It is generally thought among hay men that the market for prairie hay is to be a low one this year but if weather mat-ters continue as they are it is possible that good well cured hay may yet sell for a high price. So far no alfalfa has been saved in a marketable condition and the time is here when prairie hay-ing should be in full swing. There is an ing should be in full swing. There is an immense acreage of hay here to put up and the crop on this acreage is the largest in years and still growing. The problem now is to get weather in which



Four co-operative associations of farmers and a county agricultural association were among the charters sociation were among the charters granted last week by the state charter board. They were:

Medicine Loge Loan company, Medical Company, Medic

Medicine Lodge Loan company, Medicine Lodge, \$10,000.
Gray County Agricultural association, Cimarron, \$5,000.
Kanorado Co-operative association, Kanorado, \$10,000.
Farmers Union Co-operative Shipping and Business association, Bogue, \$10,000.
Farmers Co-operative Business association, Bogue, \$20,000. Farmers Co-operative Business association, Grainfield, \$10,000.
Farmers Union Co-operative Shipping

association, Barnes, \$10,000.

One of the best chore boys a farmer can get is a gasoline engine. Any farmer who has used an engine six months or a year wonders how in the world he ever got along without it.



Success in farming depends largely upon proper marketing methods, cheap "Most of the Oats Have Been Cut This Week. The Straw is Heavy and Conmoney and co-operation."

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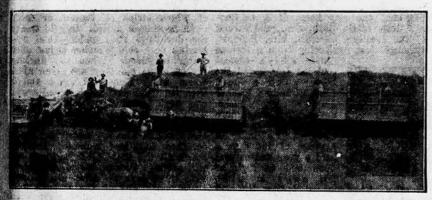
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# A 30-Bushel Wheat Yield that there were three kinds of poor in the world: The Lord's poor, the devil's poor, and the poor devils. I place you in the latter class. J. M. Stoke.

# Kharkov Has Been Proved Best for Western Kansas

BY ESTHER L. HILL



WE HAVE just finished cutting our wheat. Here in Pratt county wheat is of the finest quality, and will ield much better than usual. Most of he wheat will grade 60 pounds to the ushel, and the yield on this farm will trying to make money to take them. res in wheat.

Most of the wheat is cut with head-

s; in many places two headers may be sen running in one field. When the heat is heavy, as it is this year, each eader crew consists of 10 men: One antorun the header, two to stack, one clean up around the stacks, and six the run the heaves. en to run the barges. There are ree barges, with two men in each. We ive six horses to the header, which ts the wheat just low enough to get I the heads and elevates it into the The wheat is then hauled to

The stacks are built 35 to 50 feet ng, and three or four of these stacks le by side. Such a group of stacks termed a setting, or a stack yard. ere are eight of these stack yards on east quarter of this place.

Brickbats and Bouquets

trying to make money to take them through school. And many are boys from Oklahoma and Missouri who have laid verage between 25 and 30 bushels for through school. And many are boys from le 460 acres. All the farmers in this Oklahoma and Missouri who have laid heat country have large fields, none by their corn and come out to make a set than 160 acres and many have 640 little extra money, see the country, and gain a little experience.

So much has been said this summer about the trouble the I. W. W.'s probably would cause that every farmer has been on his guard; but in this locality they have given no trouble at all.

There is not much corn relead in this

The Average Wage.

Harvest wages average about \$4 a day header man and for stacker, and \$2.50 the different waiters of parents of parents of planned and followed it? That is what the Kharkov wheat, which we have raised for the last six years. We drilled the different kinds of seed in rows a half mile long, side by side, all the ground prepared exactly the same and at the same time. At harvest time a morning and quitting at 7 in morning and quitting at 7 in morning and quitting at 7 in the boarding of such a crew of hard arking men is no small matter. We a woman \$1.50 a day as assistant, \$2.50 a day for one who can take tire charge of kitchen and dining on. When these crews are boarded the day it costs 30 cents a meal for che man.

national and regional banking systems are not called into question although they are glaring examples of paternalism in government.

The farmer, unable to regulate the price of his produce on the market, and subject to pay for tools and store goods.

I have been a reader of your paper r a number of years and enjoy it very nch. I always read the page by Harry Hatch about the first. I do not see w I could get along without the Farms Mail and Breeze now, there are so my pieces that alone are worth the ice of the paper.

Kansas is surely a great state in which live. I was born in Washington counnearly 29 years ago and have spent subject to pay for tools and store goods the values placed on them by the com-mercial class, is steadily losing out to this class, as is evidenced by the farm mortgage.

live. I was born in Washington counnearly 29 years ago and have spent to most of my time on a farm ever nee. This is a good corn country but wing to the dry season, last year, more heat was sown than usual. The wheat do ats are a heavy crop. Of course have had too much rain this year, at the corn is a little weedy, but the rospect is good for the heaviest yield a years. Rent here is rather high. When enclosing stamps for the return of my manuscript I was not aware that you were destitute of fixed principles or possessed of definite convictions as a guide in shaping your journalistic work; otherwise I should have retained the stamps.

Man is apt to reflect his environment. I sent you, a while ago, a paper on he rural school problem without, hower, any expectations of seeing it in rint. Our so-called agricultural paers have as their primary object the romotion of the interests of the compercial class. When these papers advocated When John Swinton was called upon at a banquet to respond to the toast, "The Independent Press," he declared in rerint. Our so-called agricultural paers have as their primary object the
romotion of the interests of the comaercial class. When these papers advoate cheaper money for farmers the sysem advocated contemplates subjection of banks or private dealers in money
or funds to finance it. Anything else
rould savor of class legislation. The
sponse that there was no such thing as spring to go be school and districted the strings and they danced;
that they were literary mountebanks; that should they publish their honest sentiments they would find themselves out of jobs.

However, I admire your candor. More than 50 years ago I heard a wit declare valuable tree. sponse that there was no such thing as

West Plains, Mo.

I see in the Farmers Mail and Breeze many things that set farmers to thinking, and show them the importance of economy in the management of their state affairs. Your governor is inter-ested in the farmers, the taxpayers, the owners of real estate. Good people, well paid, is his rule, and may it be carried out in every state. out in every state.

A good, well disposed, honorable public servant is one that should be employed. These men are worth good salaries in every walk of life. You cannot get them unless the pay is enough to in-

terest them.

I have used your papers for advertising and have found them trustworthy; papers with responsibility enough behind them to be pullers. I am surprised to see that while your publisher, Mr. Capper, is governor he is still on the ground with the land owner, the taxpayer. The article on page 6 of the issue of July 17 should make every man and woman in your state cling closely to him, and give him the right hand of fellowship for the fine work he is doing for good government in Kansas. You have the right man in the right place. I hope he may have the strength to carry out his high ideals, and that he will be backed and encouraged by the will be backed and encouraged by the people of his state. Wright Hall. Owego, Tioga County, N. Y.

about the trouble the I. W. W.'s probably would cause that every farmer has been on his guard; but in this locality they have given no trouble at all.

There is not much corn raised in this section. Some kafir, a little maize, and some feterita was planted this spring. All these crops were cultivated once before harvest began, and now look well. Oats made an extra crop this year. While other parts of the state have been having floods this part has been having just enough rain to make the oats and wheat fill better than ever.

How the College Helped.

Last year the Kansas State Agricultural college sent about a bushel each of four different varieties of purebred wheat to be tried out on this farm with the Kharkov wheat, which we have raised for the last six years. We drilled the different kinds of seed in rows a half mile long, side by side, all the ground prepared exactly the same and at the same time. At harvest time a

seen one except at a distance. I was born and reared on a farm in Iowa. I was taught thoroughly how to raise corn. Here in Kansas it has to be worked a little differently, but the same principles have to be followed and I have made some complete failures. It wasn't the lack of cultivation which we are told. The ground is as fine and mellow as could be, but the mellowness was dry dust. e, but the mellowness was dry dust. be, but the mellowness was dry dust. Now if some of the writers will tell us how to get moisture when we need it they will be telling us something we will be willing to pay any price for.

I feel as if I were a friend to Mr. Capper whether I take the Farmers Mail and Breeze or not

Mail and Breeze or not.

R. W. Marshall. Runnymede, Kan.

The Farmers Mail and Breeze is the most impartial to reader and advertiser of any paper I read, and I read nine. To read Harley Hatch's letter is a rest and a relief. He tells the truth regardless of whether it hurts him and his locality. of whether it hurts him and his Additional I subscribe for four copies of the Farmers Mail and Breeze for my foremen.

J. R. Hays.

Box 56, Great Bend, Kan.

# School Term Too Short

Patrons of the Lane high school, one of the formerly accredited high schools in Franklin county, want the school ac-credited again. Petitions are before the county superintendent asking a special school meeting to consider the matter. A majority of the patrons voted last spring to go back to an eight months' school and dismiss one high school teacher, which lost Lane its credit.

When plowing the orchard, wrap the plow traces and the ends of the whipple-trees to prevent bruising the bark of fruit trees. Even a small bruise of this nature may result in the death of a valuable tree.



# Weathered the Storms

Among the silos destroyed by this summer's storms there was not one of Self-Sentering and concrete. They stand—silent testimony to the good judgment of their builders.

Build of Self-Sentering and concrete—the everlasting con-

struction.



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require no paint, no tightening up, no repairs.

Their first costs are but little more than the costs of wooden structures and they prove far cheaper in the long run. Can't Burn Up! Can't Blow Down!
Self-Sentering Construction is simple and fast, but you should

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# N. ZONDED Book of Barn Plans FREE If you are going to Build a New Barn, or Remodel the Old One, you should have this book. Why Not Build This Fall? Louden Barn Plans is not a catalog of barn equipment. It is a complete and valuable book of reference and instruction on barn construction. The 112 pages of Louden Barn Plans are full of dollar-saving information. It contains 51 representative designs for cow barns, the same saving information and general purpose barns, as well as many other designs, for hog barns, pens, hay sheds, etc. The advantages in each design in Louden Barn Plans are pointed out, and estimate of construction cost is given. In addition, there are 39 pages devoted to general construction problems, such as concrete work, laying floors, roof construction, ventilation, etc. When Writing for This Book, Please State When You Expect to Build, and How Many Cows and How Many Horses You Want to House

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# Pays for a Home With Ducks

# Mrs. Bennett Did It in Two Years With Indian Runners

BY VICTOR H. SCHOFFELMAYER

cost of maintenance is about 15 cents a table with eggs and meat every month day for the flock.

The Bennetts are city dwellers, Mr. delicious voast duck. Old fowls also are Bennett being a member of the Little fattened. In baking, Mrs. Bennett Rock police force. Up till two years found that four Indian Runner eggs ago Mrs. Bennett's health was not good. Doctors' bills and an expensive operation placed the little home in jeopardy.

With her recovery, Mrs. Bennett struck writer. "They are more easily cared for upon the Indian Runner duck idea. She than chickens. Last January I kept 69 determined to help carry the burden of upon the Indian Runner duck idea. She determined to help carry the burden of clearing the home. Almost from the beginning the experiment paid handsomely. After two years, the Bennett home stands clear. The flock of 69 females, in March, 1915, laid 1,453 eggs, or 121 dozen. In February, they laid 1,167 eggs. There were days when a duck laid two eggs. A look into Mrs. Bennett's carefully kept record book shows the following result:

Seven ducks, November, 1913, 84 eggs; December, 107; January, 94; February, 95 eggs.

95 eggs.

Twelve ducks, March, 1914, 298 eggs; 13 ducks, April, 333 eggs; May, 348; June, 12 ducks, one having died, 240 eggs; July, 213; August, 123; Septem-ber, 118; October, 240; November, 359; December, 238 eggs

duck eggs are recommended by physicians. The eggs are large, pure white, and usually weigh 3 ounces. Certain stores are eager to receive Indian Runner eggs to supply a discriminating trade.

A man tried leaving of the weigh a condition of the second are also good."

CHANGE THE VIII and the weight a condition of the second are also good." trade.

Mrs. Bennett found that high egg production and large quantities of sprouted oats went together. As soon as the green feed was cut down the egg yield was lowered. She calls attention to this because green feed is so much cheaper than grain feed.

Mrs. Bennet's ducks are housed in comfortable sheds made of boxes and

comfortable sheds made of boxes and lumber at a small cost. Each house, measuring about 5 by 8 feet and 5 feet high, accommodates 20 ducks. There are no roosts. The floor of the 20 by 30-foot runway and of the house is kept and strong tissue.

This is one of the important measures to observe. A two-foot fence is all the grains from which it is made. These that is necessary to keep the ducks in elements are absolutely necessary for that is necessary to keep the ducks in elements are absolutely necessary for the yard. They do not need a pond, but the well-balanced rebuilding of body if there is water on the premises they brain and nerves.

will enjoy it. Mrs. Bennett hatches the little ducks show one a way to physical and mental with incubators, although she somestrength well worth the trial.

Look in pkgs. for the little book, "The the eggs. Home-made hovers and brood-Road to Wellville." "There's a Reason."

WHEN sudden misfortune threaters are made of goods boxes, to the lide end the cozy home of J. L. Benof which strips of flannel or woolen nett, Little Rock, Ark., and struck cloth have been nailed. In cold weather at the family's security, Mrs. Bennett, the ducklings run under this cover. although just recovering from a serious During very cold weather a jug of hot illness which almost water is a serious ducklings could be a serious ducklings and the serious ducklings are serious ducklings. Wened the coxy home of J. L. Bennett was at the family's security, Mrs. Bennett, Little Rock, Ark., and struck at the family's security, Mrs. Bennett, although just recovering from a serious lilness which almost cost her life, saved the home with a small flock of Indian Runner ducks. The ducks, never numbering more than 69 layers at a time, have laid an average of 154 eggs a bird a year and several hens laid as high as 200 eggs in nine months. The eggs of Indian Runners are in great demand in sanitariums, where they command 35 cents a dozen in summer and 40 cents in winter. Grown females sell for \$1.50 to \$\$3 each and day-old ducklings bring 25 cents. Mrs. Bennett surprised herself with the success of her flock. She invested in septiance of operating a small duck farm may be gathered from Mrs. Bennett's records a duck a year. An idea of the expense of operating a small duck farm may be gathered from Mrs. Bennett's records showing that 69 ducks and 12 drakes by sprinkling them at inglt white the during the highest feeding period last winter cost only about 20 cents a day. The lens are city dwellers, Mr. Bennett's ducks supplied the cost of maintenance is about 15 cents a day for the flock.

The Bennetts are city dwellers, Mr. delicious voast duck. Old fowls also are general four lating the spring, summer and fall the cost of maintenance is about 15 cents a day for the flock.

The Bennetts are city dwellers, Mr. delicious voast duck. Old fowls also are general fattened. In baking, Mrs. Bennett's areas four day fattened. In baking, Mrs. Bennett's areas



The Home That Ducks Paid For.

layers and 12 drakes for 30 days on 5 bushels of sprouted oats costing me only \$3.50. I pour hot water over a handful of alfalfa meal and then pour the tea ber, 118; October, 240; November, 359; of alfalfa meal and then pour the tea over a mash made of 4 parts wheat over a mash made of 4 parts wheat bran, 2 parts shorts, 2 parts bone meal, eggs; February, 1,157; March, 1,453; 1 part oil meal, 1 part beef scrap and April, 706 eggs from 55 ducks, the others having been sold at prices ranging from \$1.50 to \$3 each.

The Indian Runner duck egg is different in flavor from the average duck egg. It has no decided or unpleasant ter I feed the ducks whole corn, allowing also throw tables chopped fine are one of the best green feeds. In cold weather I warm the mash. On cold nights in winter I feed the ducks whole corn, allowing them to eat all they want. The by epicures. For persons who are in fawn colored variety, in my opinion, is need of highly albuminous food these duck eggs are recommended by physi-

### CHANGE THE VIBRATION It Makes for Health.

A man tried leaving off meat, pota-

A few days' use of Grape-Nuts will

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an e e bec avor. The ilk is irty, a acteria ent, l cteria ents s trainer edimer

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# How Dirty Is Unclean Milk?

# Open Pails With Flaring Sides Catch Lots of Filth

BY R. R. GRAVES

flavors may result in milk from cerflavors may result in milk from cer-tain foods, such as turnips, garlic, wild onions, moldy hay and damaged silage. Buch flavors are due to volatile oils con-tained in the foods. While such foods are being digested these volatile oils are eliminated rapidly through the various excretory channels. Usually these lavors are most marked while the milk lavors are most marked while the milks warm, and do not increase with the ge of the milk. If such feeds are fed or 10 hours before milking there is ttle danger of flavoring the milk. Rently we fed kale to a few cows while liking but could not detect the flavor the milk; when the kale was fed 1½ a heavy was e 2 hours before milking the flavor was ery noticeable. Some medicines, such opium, purgative salts, iodine, and otassium iodide are excreted in the milk ad will produce an abnormal flavor.

T IS generally known that unpleasant milking. The dirt which fell into the flavors may result in milk from cer- dish was transferred to a weighing tube. The udder was then washed and the operation repeated, the dirt falling from the washed udder being also transferred to the weighing tube. Both tubes were placed in a dessicator for 24 hours and then weighed on a chemical balance. After 60 trials of this kind it was determined that from udders that were termined that from udders that were apparently clean 31/2 times as much dirt apparently clean 3½ times as much dirt fell before they were washed as fell from the same udder after being washed. From udders that were soiled 22 times as much dirt fell before washing as from the same udder after washing. From udders that were muddy 94 times as much dirt fell from the unwashed udder as from the washed udder.

For several years producers of certified milk have been in the habit of clipping the flanks and udders of the cows, be-lieving that the filth would be less likely to stick to them. The New York Perhaps bad flavors and odors in milk leving that the filth would be less likely to stick to them. The New York to stick to them. The New York same milk left in the cow barn quickly substituted and substitute of an experiment, a short time ago, that shows this practice does not aid in the production of cleaner milk. There seems to be some doubt as to the correctness of this conclusion, however. It is hoped that experiments now under



Clean Milk Pail Is Getting to Be as Important as the Full Milk Pail-These Pails Admit Little Dust.

A few years ago the Illinois station carried on an interesting experiment to determine the actual amount of dirtikely to fall into open-top pails during the process of milking. A glazed dish 11 inches in diameter was placed on top of a milk pail and for 416 min. n top of a milk pail, and for 41/2 min-

reterial action, but these do not appear way will aid in deciding the desirability or undesirability of this practice.

It is doubtful if any one advance in the dairy industry has been of greater aid in producing clean milk than the advent.

The appearance of sediment in the advent of the covered pail. The old-fashioned wide open pail with its sides flaring out at the top seems to have been designed especially with the idea of catching all the dirt possible. Experiments carried on by Stocking in the college barn at the Washington Agricultural college, where the sanitary conditions were good, indicated that milk drawn into an open pail contained from eparator will remove almost all of the ediment. This does not mean, however, hat the bacteria have been removed, nor hat the milk will have any better keeping qualities. The milk simply is a little more appetizing to look at when the little and the milk will have any better keeping qualities. The milk simply is a little more appetizing to look at when the little when the little and the little when the little and the little when the little whe were very bad the milk in the open pail contained 33 times as many bacteria as the milk drawn into the covered pail.

Whether or not it is desirable to use strainer in the covered pail seems to depend on the form of the strainer. In on top of a milk pail, and for  $4\frac{1}{2}$  minutes, the average time of milking, the
milker went through all the motions of
milking without drawing any milk. The
mount of dirt that fell into the dish
was approximately the same as would
have fallen into the pail when actually

one experiment the strainer cloth over
a copper gauze increased the bacterial
content of the milk, while in strainers
where dirt does not fall where it will be
struck by succeeding streams of milk
the cloth seems to lower the bacterial
content.

# "DOG DAYS" the best time to buy a SEPARATOR

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time to buy a De Laval Cream Separator as right now.

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Then there is the great saving of time and labor, which counts for more in sum-mer than at any other season and often alone saves the cost of the separator, aside from all its other advantages.

This is likewise the season when De Laval superiority counts for most over other separators,-in closer skimming, larger capacity, easier running, easier

handling, easier cleaning and absolute sanitariness.

A De Laval Cream Separator bought now will easily save its cost before the end of the year, and it may be bought for cash or on such liberal terms as to actually pay for itself.

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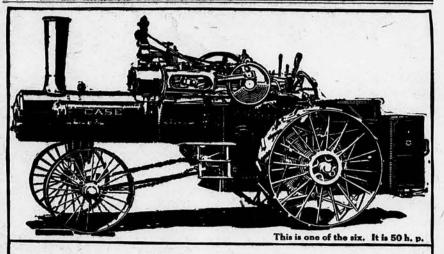




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# Steam—the Constant Power

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J. I. CASE THRESHING MACHINE COMPANY, INC. 803 STATE STREET, RACINE, WIS.

and your sleeves rolled up. The screen door clicks and your wife appears on

dance of special recipes.

Lemonade such as wife makes requires I quart of water, ½ cup of sugar, and 3 lemons. Make a sirup of the sugar and part of the water; add lemon juice and the rest of the water. Ice the drink, and serve it with a thin slice of lemon

and serve it with a thin slice of lemon or a candied cherry.

Then there is another lemonade, still more delicious. Take 2 pounds best granulated sugar, 3 quarts of water, 1 quart good mineral water, juice of 8 lemons, 2 large cups of sliced strawberries. Stir well, and add 2 quarts of shaved ice. shaved ice.

If a sirup is kept on hand for sweetening it will save waiting for the sugar to dissolve. The sirup is made by boil-ing sugar with water; 1 cup sugar to a pint of water is a good proportion. Put it in bottles, and add it to fruit juices

and water as needed.

There seems no end to the pleasing combinations of fruit juices that may be made. Several fruit juices put together usually are known as punch, instead of "ade." As a foundation for almost any punch one may use 8 oranges, 4 lemons, punch one may use 8 oranges, 4 lemons, 1/2 cup sugar, and enough water to make 1 gallon. Squeeze the juice from the fruit and strain it. Add a sirup made of the sugar and part of the water, then add the rest of the water. With the addition of another fruit juice you have the kind of punch desired. Cherry, grape, plum, and strawberry make good flavors.

At an evening gathering this summer the punch served seemed especially refreshing. The recipe was in the proportion of 1 lemon, ½ orange, 2 teaspoons ginger ale, 2 teaspoons grape juice, 2 teaspoons pineapple juice, scant ½ cup sugar, 1 pint water. This amount makes about 4 glasses. The refreshing quality, the hostess explained, lay partial in the ginger ale, which is a combinly in the ginger ale, which is a combin-ation of ginger and carbonated water

and can be bought at any drug store.

Then there is mint julep, which need not include all the ingredients said to be used by the "Kentucky colonel." It is merely a fruit punch flavored with mint. Take 1 quart water, 2 cups sugar, 1 cup strawberry juice, 1 cup orange juice, juice of 8 lemons, 12 sprigs fresh mint, 1½ cups boiling water. Make a sirup by boiling the quart of water and the spar 20 minutes. Sancrete the mint into pieces add utes. Seperate the mint into pieces, add to the 1½ cups of boiling water, cover, let stand in a warm place 5 minutes, strain, and add to the sirup. Add the fruit juices, and cool. Pour into a punch bowl and chill with a large piece of ice. Dilute with water. Garnish with fresh mint leaves and whole strawberries, if strawberries are in season.

Iced tea is good flavored with mint. Pour a coffee cupful of boiling water over a teaspoonful of tea leaves and let stand 3 to 5 minutes. Strain the tea and chill. Sweeten slightly, and pour into a big glass of crushed ice holding 3 bruised mint leaves.

Russian tea may be made simply from 1 pint lemonade and 1 pint of tea, iced. Iced coffee is another refreshing sum-

Raspberry juice when diluted and slightly sweetened is very delicious. Grape juice is also good when served cold on summer days. It may be canned at home or bought in bottles of various atters.

Grape nectar requires 1 cup grape juice, 1 lemon, 1 orange, 4 tablespoons sugar,



good for any time of year, calls for the juice of 6 lemons, 2 cups water, 1 pound sugar, chopped rind of 1 lemon, 2 bananas

wife appears on the porch bearing in her hands a tray. On the side of the tray is a steaming cup of coffee and on the other end is a glass of lemonade in which the ice tinkles against the glass. Which will you take?

Why use hot drinks in summer?

The lemonade that wife makes is not the only refreshing summer drink. There are many others. Coffee, cocoa, or tea can be iced; and there is an abundance of special recipes.

Sugar, chopped rind of 1 lemon, 2 bananas sliced fine, 1 grated pineapple, ½ bottel maraschino cherries, 2 quarts appolinaris water. Make a sirup of the sugar and 2 cups water, add the bananas, lemon rind and pineapple and let stand several hours, then strain. Add the polinaris water, chill, and serve.

No Trouble To Dry Corn

# No Trouble To Dry Corn

Will some of the Farmers Mail and Breeze readers tell me how they have dried sweet corn successfully? I also would like a recipe for wax bean pickles.—Reader, Osage City, Kan.

City, kan.

Corn for drying should be picked just before it is needed. It should be fully grown, but still full of milk that will run quickly when a grain is crushed. Husk and silk, and drop for a few minutes into a kettle or boiler of boiling water and cook until the milk will no longer run; then cut from the cob, not too deep or bits of the cob will be taken off with the grain. Scrape the tips of the grains from the cob, and put dry at once.

Corn can be dried successfully spread on tables in the sun. Unless tables can be washed perfectly clean the corn should be spread out on muslin, shallow and evenly, if possible not more than one or two grains deep. Protect from the flies with mosquito netting. If a stick is nailed at each corner and the mosquito netting stretched over it will be better; netting leid flot on the corner. be better; netting laid flat on the corn is of little value. Three boards sup-ported at each end make a good table. Stir the corn once or twice a day. Take stir the corn once of twice a day. Take it in each evening before dew falls, and spread out again in the morning. When perfectly dry give a good heating in the oven, being careful it does not scorch, and put away closely tied in paper bags.

Corn and all fruits may also be dried in the house using heat from the store.

in the house, using heat from the stove. The illustration shows a dryer that is set on top of the stove. The plan of this dryer, which has been on hand for several weeks awaiting corn time for publication, was sent by Mrs. Valentine Schneible of Rome, N.Y. Mrs. Schnei-ble says: ble says:

"We have often dried half a bushel of

"We have often dried half a bushel of sliced apples after supper. My dryer cost me 95 cents, including b o x 15 cents, netting 70 cents, hinges for door 10 cents. To make one like it get a box large get a box large enough so one end will fit nicely on the top of your cook stove; remove both ends and one side, and

make a tight fit-ting door for the open side. Get a sheet tin 7 inches wide and long enough to extend around three sides of the box, and put it on so it will come up 3 inches inside of box, leaving the side under the door open. Get four pieces of iron suitable for legs and fasten them firmly, one at each corner inside the box, letting them come level with the tin at the bottom. Then nail cleats inside the box side the box for the trays to rest on, putting them so the trays will be 5 inputting them so the trays will be 5 inches apart. For the trays make wooden frames from 1 by 1½-inch stuff and tack on galvanized wire netting for the bottom. Cover the top with wire screen to keep out flies. The heat of the stove will pass up through the trays and out at the top, because of the drays and out at the open space, under the caused by the open space, under the caused by the open space under the door. Make the trays so they can be removed easily to fill and empty."

# Canning the Pea Crop

Will some reader tell me how to can peas at home?—Mrs. M. D. N., Penokee, Kan. The method of canning all vegetables

Drinks for a Summer Day

Fruit Juices May Be Combined in Almost Endless Variety to Form a

Refreshing Warm Weather Beverage

Suppose it's a hot
There are some such, you know, even this year. You are sitting on the porch, with your coat off and your sleeves rolled up. The screen rolled warm waters I round.

With a canning machine was described in the Farmers Mail and Breeze of July 10. Peas and other vegetables may also be canned by cooking in the wash boiler. This method is fully described in the Farmers Mail and Breeze of July 10. Peas and other vegetables may also be canned by cooking in the wash boiler. This method is fully described in the Farmers Mail and Breeze of July 10. Peas and other vegetables may also be canned by cooking in the wash boiler. This method is fully described in the Farmers Mail and Breeze of July 10. Peas and other vegetables may also be canned by cooking in the wash boiler. This method is fully described in the Farmers Mail and Breeze of July 10. Peas and other vegetables may also be canned by cooking in the wash boiler. This method is fully described in the Farmers Mail and Breeze of July 10. Peas and other vegetables may also be canned by cooking in the wash boiler. This method is fully described in the Farmers Mail and Breeze of July 10. Peas and other vegetables may also be canned by cooking in the wash boiler. This method is fully described in the Farmers Mail and Breeze of July 10. Peas and other vegetables may also be canned by cooking in the wash boiler. This method is fully described in the Farmers Mail and Breeze of July 10. Peas and other vegetables may also be canned by cooking in the wash boiler. This method is fully described in the Farmers Mail and Breeze of July 10. Peas and other vegetables may also be canned by cooking in the wash boiler. This method is fully described in the Farmers Mail and Breeze of July 10. Peas and other vegetables may also be canned by cooking in the wash ca water. The cans should not touch. Bring to a boil and cook for an hour after the water begins boiling, then tighten the lids of cans. If you are using screw-top cans screw the tops down tight; if you have spring-tops snap the spring; then set the cans aside until the next day.

The second day loosen the lids but be year, careful not to take them off, and

rne second day loosen the lids but be very careful not to take them off, and cook as you did the first day; at the end of the cooking tighten the lids. The third day do exactly as you did the second day, then set away in a dark, cool place. All vegetables, corn included, may be canned this way, and although it takes some time it is a safe rule to follow. rule to follow.

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# When the Sun Left Its Path

Here Is Another Story Aunt Anne Told Betty BY MARY CATHERINE WILLIAMS

Sammer Well

SN'T IT a beautiful sunset, Aunt Anne?" cried Betty eagerly, as they reached the top of the hill, "It ooks as if the fairies had been painting he sky. Do you suppose the rainbow the fairies' box of colors, and that ome little boy fairy got tired and oflled all the lovely pink out over lose clouds there?" ose clouds there?"

"I don't know, dear. It's a pretty ancy," Aunt Anne answered smiling. Suppose we sit down on this soft grass ere while I tell you an old, old story bout the sun. Would you like that?" So Betty sat down beside Aunt Anne, ith the sunset light in their faces,

d the story began.

"In the long ago time before even the ery wise men knew that the sun is a uge ball and our earth is a smaller around it ery wise men knew that the sun is a use hall and our earth is a smaller all that revolves in a circle around it, olks used to think the sun was a fiery ariot driven by the god of light who as named Apollo. His shining white rees had wings and there were wings the wheels of his chariot so that it ent through the skies as swiftly as an row. Every morning when the first le gray light crept over the sleeping yrth, Apollo left his palace and climbed to his fiery chariot. A beautiful aiden named Aurora opened the gates or the chariot to pass through, and here ay fingers turned the clouds pink as a touched them.

All through the morning Apollo ove his chariot, going higher and

ove his chariot, going higher and ther till he reached the top of the and men on earth said it was noonv. Then Apollo turned his chariot d drove down the sky to the gates of the evening out beyond the western

aters.

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"Now Apollo had a son named Phae-on and this litle boy must have been ery much like little boys now, for he ery much like little boys now, for he hought the most glorious thing in the orld would be to drive his father's orses. You see Phaeton was too little o know it was hard work to drive the un chariot. It seemed like good sport him, for the winged horses never eeded the touch of a whip, and the hariot glided through the air as lightly a bird, Phaeton teased and teased is father to let him drive the chariot, at always Apollo said no.

at always Apollo said no.

"Then Phaeton grew cross and sulky ast as some naughty boys—and girls, too—do now. He wouldn't play with is golden ball or any of his other toys and ha made everyone around him unis golden ball or any of his other toys and he made everyone around him unappy because he couldn't have what he wanted. At last Apollo could hold out to longer, and told Phaeton he might trive the sun chariot just for one day, but that he must be very careful to keep the horses in the right track and not let them go too close to the earth. Phaeton promised readily, for he had no idea how hard a promise it would be to idea how hard a promise it would be to

keep.
"Everything went beautifully at first, for Phaeton was proud of his trust and meant to show his father how carefully he could drive. The chariot wheels did not even graze the gate as he drove through, and he held the reins so firmly the winged horses did not know their real master was not driving as usual. Oh, it was glorious to ride in the sun chariot! The fresh breezes brushed Phaeton's cheeks, and the earth lay spread out beneath him like a wonderful picture. Men and women, as they came out of their houses and started about their day's work looked like the

tiny pygmies that are so small they carry egg shells for their shields. Sometimes he saw boys wrestling and other times he saw soldiers marching, or strange wild animals playing with another. Phaeton grew interested and forgot to watch his horses closely. They swerved from the path and the charlot drew nearer and nearer the earth.

"Down on the earth the air grew hot. Men wiped the sweat from their fore-heads and then tried to find relief in the shade of the trees, but even there they could not find coolness. The leaves of the trees withered and the grass grew dry and shriveled. Then the fountains and springs stopped their bubbling till there was nothing except drying mud where the cool waters had been, but the earth. The water in the rivers and the seas grew boiling hot and the faces of the people turned brown and then black in the scorching heat. A great clamor arose on earth and men and women gried aloud for the goals to help

clamor arose on earth and men and women cried aloud for the gods to help them. Phaeton tried to turn his horses, but he could not, for they had grown frightened at the clamor and would not obey the touch of the reins.

"Then the clamor grew so loud it reached to high Olympus, the great home of the gods, and Jupiter heard. He looked towards the earth to see what was the trouble. The sun chariot was headed toward the earth and there seemed no way to stop it. Jupiter hurled his mighty thunderbolts and dark clouds came between the sky and the earth. The heat was checked and the earth. The heat was checked and the earth was saved, but poor, naughty Phaeton fell from the chariot down to

the earth below."
"Did it hurt him?" cried Betty. "Oh,
Aunt Anne, Phaeton wasn't killed, was

"No, not exactly," answered Aunt Anne. "He fell into a river and the soft waters broke the force of his fall soft waters broke the force of his it is so that he wasn't really hurt, but he had been too naughty to live in the sky again, so he had to stay there in the river. Maybe he was turned into one of the shiny little fishes that dart through the goal waters for the streams cooled the cool waters, for the streams cooled again, and the springs and fountains flowed as usual, but the people who had been turned black never got white again, and their children's children are black even to this day. Phaeton had a friend named Cygnus who loved him so he went down to the river to but for he went down to the river to hunt for him. For days and days Cygnus watched the waters sadly, till the gods felt sorry for him and turned him into a beautifor him and turned him into a beautiful white swan, and when you see the swans at the park bend their graceful necks till their heads dip down into the water, you may think it is Cygnus looking for his friend Phaeton."

"I'll remember," Betty said dreamily, "and I'll think of Phaeton and Apollo when I see the sun, too. "Why, where is the sun, Aunt Anne?" she added. "Has it set already?"

"Sure enough, it has" cried Aunt

"Sure enough, it has," cried Aunt Anne as she rose quickly from her grassy seat. "It is nearly dark, already. Come, Betty dear, we must hurry or we'll be too late for supper."

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A little ensilage at night through the about their day's work looked like the summer time brings good returns.



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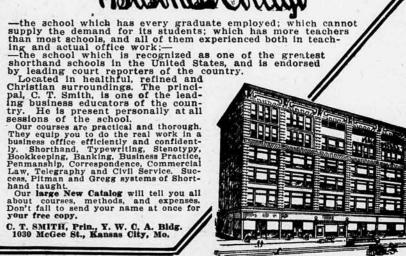
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THERE used to be a time, not many years ago, when the sight of an insurance agent made me growl. I don't know just why these men irritated me. They were simply trying to earn a living, as I was, but the fact remained that whenever one of them Naturally, I hadn't given any thought to livestock. Why should I? I didn't

children when my pay check failed to just then. appear. About that time I realized About that the insurance agent, instead of be- of hog children when my pay check failed to just then.

tated me. They were simply trying to earn a living, as I was, but the fact remained that whenever one of them came along and began to quote figures and talk about death and tell me how worried he was about my family's future I began to feel like a candidate on election day with the wires downfighting mad.

But I have learned a few things. Almost any man will learn if he lives and who had seen me shooting at things never would insure the life of the dog, anyway, 'if it went around with me. The dog was in actual danger, but didn't know it. So, I wasn't figure on what would become of the children when my pay check failed to

When a Check Comes Handy

Being a Few Thoughts on Livestock Insurance

BY CHARLES DILLON

BY CHARLES DILLON

BY CHARLES DILLON

THERE used to be a time, not many giving you and your family a bigger

By Charles Diving you and your family a bigger

There is an of it. That epidemic, wiping out the savings of years and leaving hundreds stranded, discouraged men so that they quit the business. As a result pork prices went up like sky rockets and Mr. Ultimate Consumer got his share of the worry. This set me to thinking. How many of these farmers, me the value of my animals if they men the value of my animals if they discase or injury. Isn't that thinking. How many of these farmers, I wondered, had carried a dollar's insurance on their hogs? Precious few of them, I learned; and when I found a man with a policy I found a man with smiles, ready to take another whirl at hog raising. I made up my mind right then that the first time I had five minutes I could call my own I should write something about insurance. write something about insurance.

### Then the Horses Died.

Then came the horse plague. No farmer ever will forget it. Perhaps you lost your team with the teams of your neighbors. Perhaps you didn't have a cent's worth of insurance on one of your horses, and when the blow fell you had to borrow at the bank and new interest and size yours. Set you children when my pay check failed to appear. About that time I realized that the insurance agent, instead of being a nuisance was actually a friend trying to do me a great service. O, I Middle West. Hogs were dying by thousands. Farmers who had every but you're wrong. Sure. The insurance agent isn't writing policies because ane agent isn't writing policies because he likes you to distraction, I'll admit, wasn't all. The loss of the hogs and but in earning his living he certainly is the trouble for the farmers wasn't the agent I had turned down wasn't all the agent I had turned down wasn't around to smile. That experience was one of every sixteen to eighteen to thinking, too, didn't it? It certainly more than 14 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollars. The valuation of livestock in the state exceeds 350 million dollar pay interest and sign notes. Set you to thinking, too, didn't it? It certainly made me view with alarm, for this time I was in it. I had a few horses. That is my relatives had them for me, but it was my money that went into

or thirty dollars his company will pay me the value of my animals if they die from disease or injury. Isn't that good business? Isn't it right? There's no argument about it among intelligent persons. Contentment and peace of persons. Contentment and peace of mind are out of the question if insurance of life or property has lapsed or you haven't any. Not to insure the house and barn is to gamble with fire. Not to insure your life is to gamble with death. Why, then, shouldn't you safeguard the greatest of all producers on Kansas farms, the livestock? Feed and groom as you will the havened as and groom as you will, the hazard remains. Disease, injury from wire cuts resulting in death from infection, choking in stalls stamped a choking in stalls. ing in stalls, stampedes, cholera, state condemnation, death from any cause, cost the farmers of Kansas in 1914 more than 14 million dollars. The val-

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De OrrJunction City 142.50	F. H. Shultz Valley Falls 73.10
ert RoseyJunction City 18.75	C. W. HinesMeriden 63.25
Hilderbrand Junction City 7.36	John Bick McLouth 27.00
ert HendersonJunction City 7.50	August LeadtkaMeriden 36.00
E. WilsonJunction City 22.50	Louis OttValley Falls 5 97
HinesJunction City 41.82	Harry WettigNorth Cedar 9.38
liam Heller Junction City 64.11	G. K. WilsonMeriden 85.85
HARVEY COUNTY 48.00	Sam Rogers Meriden 66.15
D. Hege Halstead 45.00	H. B. Chaćev. Meriden 15.43
L. Buskirk Newton 101.25	D D JACKSON COUNTY. 20.39
McCarthy Newton 15.00	Frank Brodhecker. Holton 45.00
McCarthy Newton 37.50	LABETTE COUNTY. 6.00
t. Smith	C. J. Blackburn Parsons 21.63
W. Enns White Water 50.00	W. Shackelton Parsons 58.79
KIOWA COUNTY. 117.75	C. O. Mikish Parsons 38.79
han Taylor Greensburg 91.50	C. J. Blackburn Parsons 74.25
Rich Greensburg 49.00	C. O. Mikish Parsons 100.00
	02.00

Herewith Are Listed the Live S The Topeka Mutual Live Stock Under New Management. These Settl Fellow—the Best Kind of Evidence Will Protect Your Inve

# Death F



## Under the Supervision of the State Insurance Department

Probably the strongest reason why The Topcka Mutual Live Stock In-surance Company is the company you want to do business with is be-cause it operates under the super-vision of the State of Kansas—un-der the direction of the Superin-tendent of Insurance.

# We Operate Strictly on a **Mutual Basis**

We are a home institution in Kansas, of Kansas, by Kansas and for Kansas—easy of access, easy to see, easy to talk to and easy to do business with.

Our company is composed of the leading live stock owners and breeders of the Sunflower State. We do business on the at-cost basis only. The officers of our company are all on stated salaries. Our members not subject to assessment. We ask for your money but oncewhen you take out your polloy, or when your note is due. No comebacks.

# The Topeka Mutua

	g put e, sem
I own,	
I own	Horses. 1
	Value, \$
Name	
Post Office.	• • • • • • • • • • • • • • • • • • • •

insurance?

Some Good Examples.

Some Good Examples.

Some shining examples of forethought in this respect have come my way. Take the case of W. J. Price of Salina, who insured an imported Percheron stallion for \$750. The premium was \$52.50. The policy was issued the last of December, 1914. Shortly after the first of February, 1915, this animal died, and the insurance adjustment put \$735 into Mr. Price's bank account. The day before the stallion died an offer of \$850 was declined. I have seldom known an animal like this

nothing.

John W. Barley of Garnett, has suffered 28 losses within 14 months—a record in Kansas livestock insurance two Sec-

tion of his stock.

Cholera got into the herd of Samuel
Drybread of Elk City, last November.
For three days he had a constant stream of losses in purebred Duroes. losses have paid him \$1,200 and materially lifted the load of replacing his deprending on this herd, and some for pleted stalls.

Now, while it chances that no one of the men I have mentioned would have cluded \$109 paid him for the loss of one horse.

Another Start For Him.

mal died, and the insurance adjustment put \$735 into Mr. Price's bank account. The day before the stallion died an offer of \$850 was declined. I stituting one of the main milk supply stations for Topeka. Within the last to die that couldn't have been sold the day previously. In most cases, however, the policy has just lapsed. In this instance Mr. Price had neglected mothing.

John W. Barley of Garnett, has suffered 28 losses within 14 months—a

One jack out of every twelve dies. Esthe 14 months. In the adjustment of timating 1915 on the basis of the figure one of Mr. Barley's losses, he accepted on him within a few days, and November 27 the company paid him \$750. The same rule is true of your live-stock. How much of this is covered by tion of his stock.

The same rule is true of your live-stock. You house it in winter and sumborses included in the same policy. A covered with insurance your building protection isn't worth much.

the men I have mentioned would have gone out of business if he hadn't had his livestock insured when the animals died the fact remains just the same that their experiences are the finest kind of examples for others. I am so sure of this that I believe it my duty to tell my readers a few things about it. I feel precisely the same way about seed corn or wheat or Hessian fly. Some things we ought to talk about. about.

John W. Barley of Garnett, has suffered 28 losses within 14 months—a carrying his insurance had an adjuster the history. Mr. Barley works two sections of land in Anderson county. His prolicy covered horses and cattle. His pride of W. W. Alexander of Ottawa. The premiums during the 14 months had samounted to \$371. The insurance company has paid him nearly \$2,000 within died November 22. Mr. Alexander record in Kansas livestock insurance had an adjuster tection in one form or other is essential to success in almost any line of business. Particularly of farming. You can't let your binder and your mower and your motor car lie around outdoors and expect them to last as long you have them insured you—yourself—pany has paid him nearly \$2,000 within died November 22. Mr. Alexander record in Kansas livestock insurance had an adjuster tection in one form or other is essential to success in almost any line of business. Particularly of farming. You will eat, drink and be as solemn as your motor car lie around outdoors and expect them to last as long you have them insured you—yourself—pany has paid him nearly \$2,000 within died November 22. Mr. Alexander record in Kansas livestock insurance had an adjuster tection in one form or other is essential to success in almost any line of business. Particularly of farming. You will eat, drink and be as solemn as your motor car lie around outdoors and expect them to last as long you have them insured you—yourself—get the money. Quite a difference, isn's

covered with insurance your building protection isn't worth much.

Your livestock is the source of your income. It is what helps you make your living. Your horses are your working income. It is what helps you make your living. Your horses are your working tools. Your cattle are your meal tickets. You couldn't farm without cattle and horses and hogs, which are the actual sources of all your profit. What good is rich soil and machinery without horses to use them?

In other words, the success of farming depends on livestock. Livestock is food, or food-producing. It is the source of life, income, prosperity and happi-

t. I feel precisely the same way thouse seed corn or wheat or Hessian ly. Some things we ought to talk bout.

It's Common Sense.

You know as well as I do that proceedion in one form or other is essential.

# onge

ansas Which Were Settled By uring the First Six Months ord of Our Dealings With the Other orlly Furnishing Insurance That Against Loss By



# Losses Now Paid Right on the Ground

Right on the Ground

This is a new plan of loss settlement which we are now using with splenc'd satisfaction to our policy holders. It means simply this: When the adjuster arrives on the ground after receiving notice of loss, and has made satisfactory adjustment, he settles and pays that loss right then and there—on the ground.

This is the greatest benefit ever offered the live stock owner. This is actual quick-action insurance—the kind you want—the kind that really makes it worth while for you to see that every animal you own is insured at once.

What more real protection, what better protection, what safer insurance, can a man have? What is more prompt, quicker—what helps you replace your lost animals sooner than this new pay-on-the-ground rule of The Topeka Mutual Live Stock Insurance Company?

Prompiness is our watchword. If you will be one-half as prompt in taking the protection we offer you as we are in adjusting and paying our losses, we will both be better off.

# nsurance Go TOPEKA,

.Stallions. ....Jacks.

KANSAS.

Today

Send the Coupon

Today

Telling us how many head of live stock you own—how many cattle, horses, sheep, etc.—and the value of each and all. Upon receipt of your letter we will forward to you at once a full and complete estimate of what it will cost you to insure live stock. You need the protection we offer. You can't afford to take all the risk. You will thank us for bringing this protection to you if you give us the chance. It is purely a matter of business. Don't overlook this opportunity.

# LIST OF LOSSES PAID—Continued

	M. J. Thompson Harangella o
R. M. Lenehan Tonganoxie 273.75	C. D. Ladner
Lloyd Jackson Basehor 77 Ko	A. A. Beach Havensville 112
R. M. Lenchan Tonganoxie \$8.25	N. D. Beach Havensville 39
Fred L. Needham Tonganoxie 13.50	J. F. Buton Plaine
D. J. Buchanan Tongaparis 62.50	T. M. Connor Blaine
W. H. Fordyce Tonganovie 191 00	W. J. Harries Havensville 53
R. M. LenahamTonganoxie 77.50	M. J. Thompson Havensville 5
LINCOLN COUNTY.	T M Conner Blaine 15
Joseph Wear & Son Barnard 53.83	George Badner Blaine 3
A. J. ChristiansonVesper 88.20	E. S. Tunison Wheaton
L. J. Smith Hartford 141 go	George Lederer Havensville 24
Ed. BenedictEmporia	W. J. Harries Havensville 65
W. A. WhittemoreEmporia 50.00	Schuyler Pigeless 5
W. & S. A. Altus Emporia 23.52	George Ledener Havensville 02
D. W. & S. A Altre Emporia 50.00	W. J. Harries Havensville
L. K. Hunt Americus	George Ledener Havensville 18
C. C. Weaver Emporia 112.50	J. B. Laduer Blaine 10
MARION COUNTY.	William Curl 67
H. H. Johnsmeyer Tampa 177.18	A. J. Tibbets Westmoreland 14
A. J. Pospicil Marion 82.00	Geo. Lederer Havengville 210
Jacob Winter Durbam	E. C. Laughlin Westmoreland 16
H. H. JohnsmeyerTampa	PAWNEE COUNTY.
L. J. McIntosh Bern 300.00	A. E. Bellew Garfield 75.
June Williams Bros Ramona 39.40	A. E. Bellew Garfield 94
H. B. Schlember Hillsham 13.50	Rebholtz Brothers Prott
S. Schwemmer. Tampe 15.68	PHILLIPS COUNTY 181
J. J. Klenda	N. E. Cole Logan 30
The Mortons Tampa 160.10	P H Park RUSH COUNTY.
Arthur Assman Ramona 18.75	B. H. Hicke 25.
D. A. Klein	RILEY COUNTY 50.
C. C. Eckhoff Marion 169 00	L. E. Klein Zeandale 20
June WilliamsFlorence 197 85	W. E. Barr Manhattan 20.
Henry C. Hartke Lost Springs 53.25	T TO NOT RISE COUNTY.
Anton Torobasa 9.60	G. N. Belden Little River 690.
August Peterson Lost Springs 10.50	William Hamilton Geneseo
June Williams Florence 7 20	William Hamilton Geneseo 29
Geo. R. Williams Florence 9.30	D. O. Smith Little River 26.
J. Klenda Marion 157.00	D. O. Smith Little River 20.
J. F. Vinduska Marion 114.12	William W Faster Chase River 49.
MARSHALL COUNTY 24.50	William Hamilton Geneseo
G. G. Faulkner Waterville	William M. Hamilton Genered
F. B. Burke Frankfort 1200.00	Chan I REPUBLIC COUNTY.
August KochNina	Chas. J. Simps Republic 17.
August Koch Nina 75.00 R. O. Seal Waterville 75.00	Chas. J. SimmsRepublic City5. Chas. J. SimmsRepublic City5. Chas. J. SimmsRepublic City5.
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August Koch. Nina 75.00  B. O. Seal. Waterville 75.00  S. G. Judd Hillsdale 10.50  S. G. Judd Hillsdale 10.50  MONTGOMERY COUNTY.	Chas. J. Simms. Republic City 5. Chas. J. Simms. Republic City 5. Chas. J. Simms. Republic City 6. F. Y. Lowe. Courtland 38. F. Y. Lowe. Courtland 85.
August Koch. Nina 75.00  B. O. Seal. Waterville 75.00  B. G. Judd Hillsdale 10.50  S. G. Judd Hillsdale 10.50  MONTGOMERY COUNTY.  Samuel Drybread Elk City 814.60	Chas. J. Simms. Republic City 5. Chas. Censelman. Republic City 5. Chas. J. Simms. Republic City 6. F. Y. Lowe. Courtland 38. F. Y. Lowe. Courtland 85. W. O. Matthews. Hutchinson 45.
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100	Geo. E. Scott Smith Center	19.25
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0.00	T. M. Wilson Lebanon	10.00
4.40	A. B. Armstrong Smith Center.	83.8K
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3.25	Thos. W. Wilson Lebanon	9.22 8.60 15.35 3.00
5.05	J. A. Steiner Lebanon	3.00
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.00	C. L. Green Lebanon	22.98 6.75
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.57	WASHINGTON COUNTY	90.00
3.75	Con L. Werner Hanover	16.50
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.50	H. F. Elder	80.67 100.00 19.80
.65	Frank Alexa Hollenberg	28.65
.45	H. F. Elder Morrowville	93.25
100		125
100	James Riley Stafford  Purl Gowing	



# I Have Always Said it Could be Done

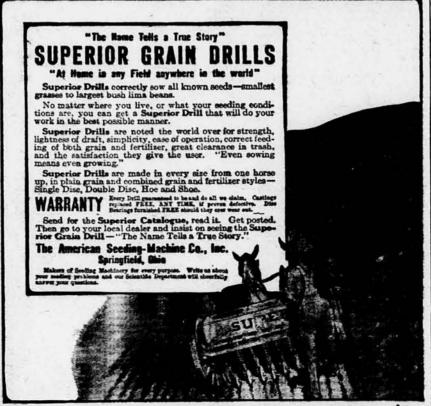
And here it is. AT LAST! A GOOD, PRACTICAL, two or three passenger automobile for less than \$300 or at a price equal to the cost of a first-class horse and single buggy. LOOK AT THE PICTURE! Two of my boys and myself riding with perfect ease, comfort and speed with leg room to spare. I use it every day for running around and save my big car to take out my family. LISTEN! I was the first Cadillac and Ford agent in Waterloon nine years ago. I have been keenly interested in the development of the automobile business and always said a practical car would be made and sold at the price quoted above and when that time came I would sell it. Now I am more than pleased to announce to my tens of thousands of customers and friends that THIS CAR HAS ARRIVED and we are now offering our 1916 model.

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# Give Children Clean Water

# Good School Equipment Will Do Away With Dirty Supply

BY F. R. HESSER Assistant Engineer State Board of Health

DURING a parade of school children in Topeka this spring a business man remarked to a friend, "How much better they look than we used to at their age! In a bunch of school children 40 years ago the majority always had sore eyes, cold sores, a remarking of the terminal parameters and small animals crawl through and fall into the water.

A System That Works.

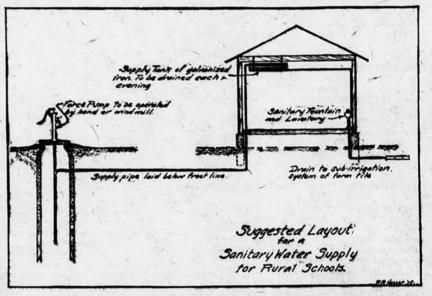
I advocate the use of a force pump connected with a 50-gallon to 100-gallon replindrical galvanized iron tank. The running nose, or something of that

We who are products of the "little red school house" can see that there

rules of sanitation plus common sense.

The city schools have been the first to benefit, however, because of the sewers, the public water supply, the heating and ventilating facilities possible in large school buildings. In the without causing an unsightly mud hole. rural schools we still frequently find A still more complete development of

I advocate the use of a force pump connected with a 50-gallon to 100-gallon cylindrical galvanized iron tank. The tank should be placed inside the school house, in a cloak room for instance, and elevated 8 feet or more above the floor. has been an improvement in the gen. A sanitary drinking fountain can then eral health of school children; and this be installed at little cost and the common drinking cup banished. Lavatories the application of some very simple rules of sanitation plus accommon drinking cup banished, the recommon drinking cup banished, with paper towels



the windows closed tight all day long this idea would include the installation during cool weather; a grimy looking tin cup which is used in turn by all the pupils and dropped again into the open bucket; a dirty tin wash pan, the old fashioned "slippery elm" roller towel, and the repulsive, ill lighted outside

Country children work and play hard, get lots of pure, fresh air and so can overcome the effects of poor ventilation of the school room to a certain extent; but they cannot escape the water that A Few Words by Doctor Waters is supplied them.

# Cisterns Furnish Dirty Water.

Cisterns frequently are used as sup-plies for rural schools, being connected by down spouts to the eave troughs. This practice should be discarded wherever possible, for the result almost al-ways is foul water. Even if a by-pass is placed in the down-spout so the cistern may be cut out, it is rarely used. Bird droppings litter the school house roof, and dust from the nearby road is blown into the gutter. All these are washed into the cistern by the first rain.

The ordinary charcoal or brick filter used with a eistern is a breeding place for bacteria after it has been in use for a very short time, and unless it is cleaned after each rain it often does more harm than good.

A drilled or driven well probably is the safest source of a drink water stitutes on "The I supply, since the solid metal casing ity to Society."

prevents the entrance of water seeping downward from the surface. The walls surface downward from the of a dug well may be made practically seep proof by laying them up in mortar and pointing up all joints and crevices

and pointing up all joints and crevices thoroughly.

Any type of well or eistern should be protected by a concrete curb around the top extending at least 8 inches above the surrounding ground surface. A concrete slab 4 to 6 inches thick and not less than 4 feet square should be laid around the curb and sloved away from around the curb and sloped away from the center.

A tight iron pump should be fastened to bolts previously imbedded in the con-crete slab. The chain and bucket pump is objectionable only because of the fact is objectionable only because of the fact This is a good time to put a square of that the top is often off, giving access tar paper in the bottom of each nest to dirt; and when built of wood the box for the benefit of lice.

of a 1,000-gallon elevated tank, a small windmill and pump, and water-flushed toilets discharging into a small septic tank. In this tank bacterial action would liquefy and break down most of the solid matter. The residue would then pass out through a gridiron of farm drain tile to sub-irrigate a plat of ground large enough for a nice mo garden or flower plot for the school.

Dr. Henry Jackson Waters, president of the Kansas State Agricultural college, has gone to the Texas Agricultural college, where he will deliver a course of lectures before the summer short course in agriculture. His subjects will be "Live Stock," "Co-operation," and "The Farmer's Part in Foreign Trade." From Texas he will go to California, where he is scheduled for a number of addresses. He will speak before the International Educational congress on "The American System of Agricultural Education;" before the National Educa-tion association on "Training Teachers for Agriculture;" before the American society of Engineering Colleges on "The Administration of an Engineering Division;" before the Society for the Promotion of Agricultural Science on "The Basis of Rural Progress," and before the American Association of Farmers' Institutes on "The Farmers' Progress," and Science on "The Farmers' Progress," and Science on "The Farmers' Progress," and Science on "The Farmers' Progress, "The stitutes on "The Farmer's Responsibil-

# Girls Win Scholarship

Miss Vilona Cutler, of Anthony; Miss Zorada Titus, of Wakarusa, and Miss Ruth Simpson, of Paragould, Ark., are the winners of the scholarship offered by Leslie M. Crawford, of Topeka, in the Kansas State Agricultural college. It was originally intended that this scholarship, which has a value of \$300 a year, be given to one person, but of a year, be given to one person, but of the fifteen or twenty applicants these three stood out with so much promi-nence that the committee decided to divide the award.



# Hay Farming Is Destructive

# Larger Profits Can Be Made Under a Livestock System

BY F. B. NICHOLS Field Editor

will pay well to work into livestock farming in this section, and to gradually

farming in this section, and to gradually eliminate the hay selling.

Some profits have been made in the hay business in the past years, when good yields were produced. As a rule these mostly were made by the big operators, however, who handled many carloads in a season. These profits have been made mostly from the hot, hard, killing labor of other men. By handling many thousands of tons of this hay, a few of the big dealers, such as William Patterson of Yates Center, have made good profits in past years.

Patterson of Yates Center, have made good profits in past years.

But it is only one man in a thousand who has made anything, when what he lost on his farming operations is considered, out of this hay business. A high proportion of the men who do the real work with these outfits leave their crops when they still are in need of attention, and the yields suffer thereby. The average yield of corn in Woodson county is well below the average for the state. More than this, all of this effort, and time, and feed ought to be used in the building up of the livestock industry.

Yields Are Lower.

# Yields Are Lower.

In the last few seasons even the leaders in the hay business are beginning to suffer in many cases. The yields have been dropping steadily every year. The growth on the land is burned in the spring as a rule. This system of mis-management, in connection with the re-moval of all of the hay in the summer,

moval of all of the hay in the summer, makes it impossible for the soil to get any humus. This has resulted in the land getting in very bad physical condition on most of the meadows.

The soil is hard and lifeless. There is little humus in the land, for it has been sold or burned up long ago. There is little available fertility, and the soil washes much more easily than in past years. Is it any wonder that even the reckless "big operators" are alarmed reckless "big operators" are alarmed over the dropping of the yields? So long as the present system of hay farming is used the yields will continue to decline. There will be years that have more than a normal rainfall in which the yields will be higher than usual of course but will be higher than usual of course, but the average for a series of years will decline steadily.

It is marvelous that the hay farmers of southeastern Kansas have kept up this business so long. They have done this right in the face of the fact that they have a fine livestock section, in which the profits in livestock are reasonably sure and large. Much of Green-wood and Butler counties is too rough, fortunately, for prairie hay baling to make much progress, so the land has been used for cattle. Most of the operators, who have gone at the livestock business in a sane, sensible way, have made good profits. Of course some men have failed, but that is to be expected in any business.

## In Greenwood County.

The point is that the average community in Greenwood county that depends on livestock farming is in a much better financial condition than any community in the prairie hay section that depends on hay. This difference will be greater in the future than it is now, too, for a system of hay farming only to soil exhaustion and to poverty.

Farms May Use It, Also

By a vote of 139 to 44, Muscotah has voted \$8,000 in bonds to be used to build a power line which will carry electricity will be connected with the line which can lead only to soil exhaustion and to poverty. poverty.

Commercial prairie hay baling is a munities who have made believed farmers have drag on the agriculture of from livestock. The livestock farmers Kansas. The business is essentially in Woodson county, for example, are in much better condition in this 1915 A. D. has returned profits that would pay properly for this destruction. There would be more prosperity in the prairie the hay men seem to be unable to see hay section of southeastern Kansas, of this. Woodson county has a livestock which Woodson county is the center, if breeders' association that has done good which Woodson county is the center, if work, and its members have some work, and its members have some mighty good stock. Most of these men have made good profits, and they have done it without fooling with the hay business, too.

Any system of hay farming is funda mentally wrong; it will ruin any land in time. Its results have come especially rapidly in the upland, prairie hay sections in Coffey and Woodson counties, for much of the land is formed from the decomposition of shale and sandstone, and it is not very rich. There is some limestone land in this district, the yields are much higher on most of this land than on the poorer soil.

An end to maladministration of state government is being earnestly sought in western states. Minnesota is preparing to consolidate its 50 or 60 little state governments-working as boards or commissions with no general head or direction—into six great executive departments with the governor in control. The heads of these departments will be members of the gover-nor's cabinet. They will work with him instead of against him, advising and co-operating with him in improving the public service. They will assist him instead of hindering him in his effort to eliminate the waste which inevitably occurs under the spoils system, a system specially designed to so scatter and weaken central authority that any governor or other state official will be powerless to pre-vent the debauching of the public service.

Woodson county and every other county that is in the prairie hay business in Kansas is not nearly so wealthy as it would be if this feed were used to build up the livestock industry. The average "hay man" is not prosperous and he never will be until he turns to live-

# Follow the Leaders.

Woodson county has many advantages Woodson county has many advantages for the building up of a good system of livestock farming. More than this, it has some very successful farmers in every township who have demonstrated that livestock pays well. What is needed is for the average man to follow the ed is for the average man to follow the example of these leaders who have been successful. If they do this they will gradually work into the kind of livestock they like best. Along with this they will adopt a good crop rotation, which has a large place for legumes, especially Red clover and cowpeas. Alfalfa can be grown profitably along some of the streams, and away from the creeks on most of the limestone land that has good drainage.

The greatest need of this county is more livestock.

# Farms May Use It, Also

ow, too, for a system of hay farming will be connected with the line which an lead only to soil exhaustion and to now runs from Atchison to Effingham.

It is believed the lights can be turned on for the first time by October 1.

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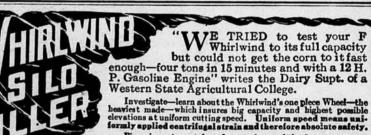
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Mr. Harry Pugh, manager of th	e Beatric	e Creamery Con	pany, Topeka
Mr. Harry Pugh, manager of the Kansas, took a silo "census" of hi Mail and Breeze" of March 14, 19	s state.	In an article in	the "Farmers
Wall and Dreeze of Warch 14, 15		id of it:	

"I have taken considerable trouble to find out the actual number of siles in Kansas. After making all the inquiries through reliable sources that it was possible to make, I found that the following figures are fairly accurate:

"4,700 wood stave siles; 400 wood 2x4, known as Common Sense; 50 built of floorings; 5 Buff Jersey type; 160 monolithic concrete; 125 metal lath; 100 cement stave; 20 hollow tile; 100 galvanized iron; 40 pit, or hole-in-the ground, and 15 brick."

Of a total of 5,715 silos in the State of Kansas, 5,155 were wood!

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A little chew of pure, rich, mellow tobacco-seasoned and sweetened just enough—cuts out so much of the grinding and spitting.



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Take less than one-quarter the old size chew. It Take less than one-quarter the old size chew. It will be more satisfying than a mouthful of ordinary tobacco. Just take a nibble of it until you find the strength chow that suits you, then see how easily and evenly the real tobacco taste comes, how it satisfies, how much less you have to spit, how few chews you take to be tobacco satisfied. That's why it is The Real Tobacco Chew. That's why it costs less in the end.

The taste of pure, rich tobacco does not need to be covered up. An excess of licorice and sweetening makes you spit too much.

One small chew takes the place of two big chews of the old kind.

((Notice how the salt brings out the rich tobacco faste.))

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# Pomona Grange in Moran

BY GRANGE REPORTER.

The Pomona Grange of Allen county met in Moran, Thursday, July 15. The roads were so muddy that the motor cars could not run, but about 75 persons braved the conditions and took part in the interesting meeting which followed. The morning session was mostly business and the reports from the different insurance agents. The solicitors are doing a good business. The Grange is young yet and needs time to get everything in working order. But when the "machine" gets in good working order the farmer will find that the Grange is one of the best things that has ever come his way. come his way.

The meeting adjourned an hour for noon. Immediately after dinner the initiatory work was carried out, ten new members becoming fifth degree members of the Pomona.

Mrs. George McKinder was instructed to invite Mrs. L. S. Burton as speaker to come to Allen county in the near future and hold a series of meetings.

The next meeting of the Pomona will be at the old Elmore schoolhouse. Each lecturer of the subordinate Granges is requested to prepare some program for that meeting. Everyone who is a Granger should come with well filled baskets, enjoy the old fashioned picnic and help to make the occasion a success. Come to make the occasion a success. Come and get acquainted with the members in the different Granges.

# To Sell by Parcel Post

There are many farmers who would like to market various kinds of produce by parcel post, and there are also many town and city residents who would like

The world almost never produces more wheat than it needs. Why then at harvest time every year, and during the threshing season, should we see such a shrinkage in its market value? In the last few weeks the price has dropped 40 cents, a drop beyond reason or justification. Isn't it because this time of year a farmer must have money? Money to make improvements, to buy stock or machinery, to renew or pay off notes, to pro-vide for paying taxes or rent, and to square various outstanding accounts? Isn't it because he has to take what the market offers, and the greater his need the more profit for those who "hear" the market? If this isn't so why do we see no such fluctuation in the price of flour and the price of bread?

to receive produce of different kinds direct from the country. However, one of the principal difficulties in getting parcel-post marketing started, so far as the producer is concerned, is finding a customer for what he has to market, and, with the city housewife, the finding of a farmer who can supply what she desires.

Much dissatisfaction has resulted from farmers asking unreasonable prices for the articles they offer for sale. It is necessary to have knowledge of what the various kinds of produce sell for in order that proper prices may be fixed. It is a little more trouble to the farmer It is a little more trouble to the farmer to sell through parcel post than in the ordinary way, and it is also somewhat more trouble to the city housewife to market by parcel post. She has to attend to the ordering, the returning of empty containers or market baskets, and the making of remittances, In consideration of these facts the producer must receive a better price than he ormust receive a better price than he ordinarily does, and the consumer should dinarily does, and the consumer should secure a better article than ordinarily at the same price or an article of the same quality at a somewhat lower price.

The cost of marketing a family sized quantity of any commodity is greater in proportion than that of marketing a lot of 10 or 25 barrels or a carload, and this must be considered in adjusting the price. Neither the producer nor the consumer should expect to have all the difference in price on his side; it must be divided equitably between the two, taking into consideration the cost of container, the postage, the ordinary price obtainable by the producer, and Roosting too early or roosting on the retail price which would have to be perches that are too narrow often paid by the consumer—as well as the causes crooked breast bones.

extra bit of work or attention required on the part of both parties to the trans-action. This fixing of a proper price is an important item in making a start and has much to do with the continu-ance or permanency of a direct-market-ing proposition.

The quality of articles supplied is also of much importance in making parcel-

of much importance in making parcel-post marketing satisfactory. The sup-plying of good-quality articles will as-sure not only the good will and continu-ance of the customer but will virtually ance of the customer but will virtually advertise itself and the shipper by being well spoken of by the housewife to her neighbors and friends; while the supplying of an undesirable or poor quality will have precisely the opposite effect.

Personal acquaintance between producer and consumer is very desirable, and if it does not exist at the start it should be cultivated at the very earliest.

should be cultivated at the very earliest opportunity. They should establish their business relationship upon a basis of mutual trust and confidence.

# A Farm Water System

A water system provides the only system of fire protection possible for the farm home.

It greatly lightens the labor of the women in the home, and this is the greatest need on the farms of the country today so far as labor saving ma-chinery is concerned. It is estimated that the women of the farm home carry an average of 2,000 pounds, or one ton of water daily for all purposes. It also lightens the labor of house-cleaning by providing a convenient water supply on each floor.

It saves time and labor for the farmer himself, and these mean money as well as greater ease of living. Makes pumping unnecessary. Obviates waiting for the wind to operate the windmill.

Does more than anything else to make the farm home "modern," thus giving added comfort to life. Here is the main disadvantage of living on the farm as compared with living in town. The poorest house in town has running water in it.

Makes possible a sanitary kitchen.

Makes possible a sanitary kitchen, sanitary sinks, sanitary basins, sanitary

Makes possible the installation of a convenient hot water system when the water pipes are connected with the kitchen range, and with a hot water tank or reservoir.

It makes possible a modern bath room, thus helping to insure health and clean-liness of body for every member of the family. Not less than 90 per cent of the diseases to which all persons on the farm are subject can be traced to a lack of proper bathing facilities.

It makes possible also a sanitary

It makes possible also a sanitary toilet or closet and a modern sewer system which when connected with settling and purifying basins will protect the inmates of the farm home against ty-

phoid fever and other diseases.

It makes it easy to provide for a cheap and satisfactory system of irrigation for the lawn, garden, berry patch,

It makes easy the cleaning of bug-gies, automobiles or other vehicles, also the cleaning of show stock, cleaning of milk cows, and of slaughtered animals. It makes better care of stock easier

because it provides for fresh water at all times.

Adds to salability of farm. It increases the value of the farm much more than it costs.

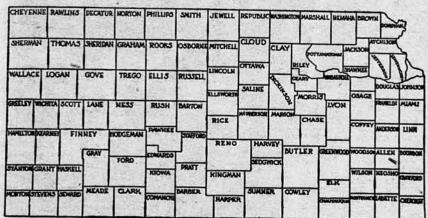
given by J. H. Mercer, livestock sanitary commissioner:

All livestock for exhibition purposes, for both county and state fairs in Kansas, will be admitted into the state from other states, by complying with the requirements of the rules and regulations of the Bureau of Animal Industry to move interstate. I think this will explain itself fully. However if you desire to make further explanation regarding the matter, about all there would be to say is that we do not require a mallein test on horses or tuberculin test on cattle, as outlined in our rules and regulations, or to make-it more simple and plain, livestock of all classes will be admitted into Kansas for exhibition and show purposes, on a simple health certificate showing them to be health.

# Last Week Did the Corn Good

# Wheat Yield Is Proving to Be Fairly Large

BY OUR COUNTY CORRESPONDENTS



AST week was the most favorable of the season for corn. The ground is well stocked with moisture, and the warm sunny days set the crop to growwarm sunny days set the crop to growing rapidly and put the ground in condition to make cultivation possible. Corn still is backward, and in most sections of the state cultivation is badly needed. Oats are generally good, but there are many complaints of lodging, and the harvest has been retarded. Pastures and hav are excellent, but having tures and hay are excellent, but haying has been delayed in many places.

### KANSAS.

Russell County—Harvest will be finished next week, if it does not rain again. All growing crops look well. Threshing will begin as soon as harvest is over. Wheat \$1.20, eggs 12, butter 26.—Mrs. Fred Claussen, July 24.

Hodgeman County—Wheat harvest about half finished. Not all will be cut, on account of weeds. Corn and feed crops look well. Files are numerous on the horses and cattle. Pastures are good. Wheat \$1.22, corn 80.—J. M. Boone, July 22.

Grant County—Weather is fine for growing crops. Corn looks well. Crops of all kinds growing well. Plenty of molsture. Had nice shower last Tuesday. Grasshoppers took a great deal of late broomcorn. Some hay being cut on the prairie.—J. M. Kinsman, July 23.

Wilson County—We are having some fine weather. Crops have improved 40 per cent since last writing. Some wheat not cut. Not more than 40 per cent of last fall seeding will be saved. Second crop of alfalfa cut. Prospects for hay crop good.—S. Canty, July 22.

Anderson County—Prairle hay is being cut now. Crop is yielding well, but will grade No. 2. Some farmers still are planting feterita. Alfalfa is badly killed out by the wet weather. Corn will be a short crop in this county. Oats are light, and none threshed yet.—G. W. Giblinger, July 23.

Marion County—Still too much rain for the wheat and oats. Not all the wheat is cut yet, because of the mud. Not much shock threshing done. Farmers are stacking their grain. All growing crops are doing well. Little plowing done. We had high water this week.—Jac. H. Dyck, July 24.

Little plowing done. We had high water this week.—Jac. H. Dyck, July 24.

Wallace County—Second crop of alfalfa is being cut, and is heavier than the first. Some damage has been done by grasshoppers. Corn making big growth now. Pastures are good and stock doing fine. Harvest about two-thirds finished, and very heavy for this county.—Charles McKinley, July 22.

Coffey County—Still getting the usual amount of rain. Weather is getting warmer and crops are growing better. Prairie hay is extra good, and a few balers are at work. Oats are all cut, and the crop is rather light. Few chinch bugs. Hogs \$7, corn 65, eggs 13, butter 13.—A. T. Stewart, July 24.

Crawford County—This has been a favorable week for farm work. Corn that was cultivated looks well. Oats very light. Some threshing being done, but the wheat yield is rather disappointing. Second crop of alfalfa about all cut, but is light because of the wet weather.—H. F. Painter, July 24.

Rooks County—Wheat harvest is in full least the

Rooks County—Wheat harvest is in full blast. Have had the largest hall loss this year in the history of the county. Outside the hall district the wheat is good. It is estimated that the average yield for the county will be 9 bushels. Corn and feed late but growing well.—C. O. Thomas, July 23.

Kearny County—Light local rains the last two weeks. Wheat all harvested, and it made a good crop where not damaged by hali. Large acreage destroyed by hali in north and west parts of the county. Grasshoppers doing a great deal of damage, Most farmers are poisoning them.—A. M. Long, July 24,

Wishaunsee County—A few of the farmers are stacking and threshing wheat, while others are unable to get into the fields to cut their crop. A tornado went through here Sunday afternoon, July 18, and did some damage to crops. It blew down some outbui dings and big trees.—Henry Lesline, July 24.

Lian County—A fine cool week for work. Haying is in full blast. Lots of corn laid by. Corn that could be plowed is looking very promising. Oats are being threshed from the shock as fast as possible. The yield is small because of the heavy rains that came when they were harvested.—A. M. Markley, July 24.

Rush County—The heavy rains continue to delay harvest. More than a million bushels of wheat was lost in this county alone. The yield of what remains will be very disappointing. The average for the county will not be more than 12% bushels. Corn and all foodstuffs doing well.—Stock losing flesh because of files.—J. F. Smith, July 24.

Trego County—Harvesting about finished. Second crop of alfalfa is being harvested. Corn looking fine. Little threshing has been done. Kafir and feterita small. Farmers busy plowing, having and cultivating. Pastures doing fine. Old wheat \$1.25, new wheat \$0. Lots of farmers buying tractors and other farm implements.—W. F. Cross, July 25.

July 25.

Phillips County—Harvest nearly over. Lots of rain in harvest this year. Corn looks well, but it is backward. Forage crops soon will be ready to cut. New wheat worth \$1.15. Lots of fruit and polatoes in the county. A great deal of plowing to be done this fall. Corn 65 to 76 cents. Not many hogs for market this fall. Some hall reported.—Roy Stanley, July 25.

Corn 65 to 76 cents. Not many hogs for market this fall. Some hall reported.—Roy Stanley, July 25.

Montgomery County—Some farmers are cutting Sweet clover on the roadside to scatter in the pastures. Weather favorable for threshing and cultivating. Some wheat, oats and a little corn, abandoned because of rains in June. Average yield of wheat threshed is disappointing. Wheat \$1, milk cows \$50 to \$75, eggs 15, hens \$, peaches plentiful at \$1.—J. W. Eikenberry, July 24.

Allen County—Last 10 days have been fine for farm work. Lots of oats fell and did not get harvested. Flax not so good as usual. Broomeorn crop will not be so large as last year. Lots of ground is not being farmed this year. Chinch bugs scarce. Potato crop short. Hogs of all kinds moving to market. Corn is small, but looks fairly well.—George O. Johnson, July 24.

Lyon County—A big rain every week makes the aifalfa and grass grow. Farmers still are planting cane and feterita. Prospects are pretty good for apples and pears. Most of the aifalfa that is stacked or baled is damaged by the frequent rains. Eggs 15 cents, butter 20 to 30, flour \$1.60 to \$1.70 for a 48-pound sack, alfalfa hay \$7 to \$8, kafir \$85, corn \$5.—E. R. Griffith, July 25.

Summer County—Wheat threshing is progressing at a rrapid rate. A little moisture would help the corn and kafir. Wheat is making all the way from 2 to 15 bushels to the acre. Most of it is yielding less than 10 bushels to the acre. Oats are yielding from 20 to 45 bushels an acre. New wheat \$1.10, old wheat \$1.17, corn \$2, oats 40, eggs 12, butterfat 25, hogs 7, cattle 5 to 74.—E. L. Stocking, July 24.

Shawnee County—We have had three or four days of nice weather, but the ground still is welt. Two-thirds of the wheat still is welt. Two-thirds of the wheat still is

E. L. Stocking, July 24.

Shawnee County—We have had three or four days of nice weather, but the ground still is wet. Two-thirds of the wheat still is standing. Much of it never will be cut. Almost everyone is stacking wheat, as it will not grade well if threshed now. Corn looks well in the bottoms, and some of the hill fields are excellent. Potatoes are nice, but some are rotting in the ground. Wheat \$1.17\$, corn 74, eggs 14.—J. P. Ross, July 24.

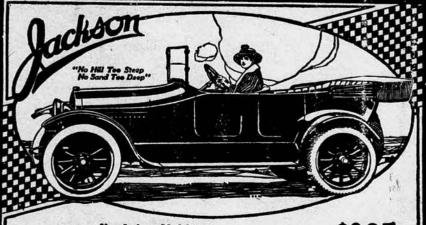
Miami County—Another heavy rain July 18 put the creeks out of their banks. Ground is too soft to cut grain in many places. No doubt a great deal of it never will be cut. Have had a few days of ideal weather this week, and a great deal of hay is being put up. Farmers generally are behind with their work. A little threshing was done this week, but the wheat is not turning out very well.—L. T. Spellman, July 24.

Tulsa County—Corn and prairie hay doing well. Wheat and oats damaged about one-fourth by wet weather. Most of it stacked or threshed. Pastures good. No. 2 wheat \$1, oats 40, hay \$5 to \$7.50.—D. M. Trees, July 22.

McLain County—Weather has turned dry. Threshing in full sway. Corn crop should be large. Early corn denting. Millet is cut. Sudan grass ready to cut. Some cotton is in bloom. Peaches 25 to 50 cents a bushel, plums \$1 to \$1.50.—L. G. Butler, July 23.

## The Manure Loader.

Fred E. Anderson tells an interesting story of his invention of the Anderson Manure Loader. He says: "My problem of getting help as well as not always having enough time to get my barns and feed lots cleaned before other farm work demanded attention, is what started me looking for a machine to load the spreader by horse of time and attention, is what started me looking for a machine to load the spreader by horse power. At a great expense of time and money experimenting, I finally produced (in the year 1912) a successful manure loader. It worked so well that I put it on the market. A man and team operates it and loads up to 75 loads a day in any manure that can be handled with a fork. Cleans barns, sheds, feed racks, manure piles, rotten stack bottoms, etc. It saves its cost once or more every year. Makes you money by reducing the labor expense of hauling manure fully one-half. And the manure hauling is finished in less than half the time required when loading by hand." Mr. Anderson's circulars will tell you in full what the machine is—what it will do—how it is made—what it costs and what farmers say about it. You can hardly afford to be without this machine if you have 100 spreader loads a year to haul and it sells at a price any farmer can afford to pay. Your inquiry should be addressed to "Anderson Mfg. Company, 530 Market St., Osage City, Kan."—Advertisement.



New Jackson Model "34"—112 inch wheelbase; 32 x 4" tires—fully equipped, including one-man top, electric lighting and starting system, and Stewart Vacuum Fuel System.

# New Model "34" Jackson a "Four" of Amazing Flexibility

Such smoothness and quietness and such power and flexibility as you never dreamed of getting in any "Four" are revealed in this new longstroke, high-duty, balanced motor.

# Vibrationless at 55 Miles!

Drive 55 miles an hour with this car and to your astonishment you will experience no motor vibration. You will discover also that there is le.s wear and tear on this new high duty motor, even at this tremendous speed, than on ordinary fours at twenty-five miles, because of the perfect balance and lightness of all reciprocating parts. "Balance" will have an entirely

new meaning for you when you have ridden in a Jackson "34".

Model "34" fairly eats its way through sandy roads and climbs up hills that would stall an ordinary four or six. It gives an entirely new value to four cylinder motor construction.

# Wonderfully Easy Riding

because we use four full elliptic springs. You'll never know how easy riding the Jackson is till you've ridden in a Jackson. Of course, Model '34" is sturdy, powerful, dependable, reliable, and durable, because it is a Jackson—with fourteen years' success back of it.

Completely equipped \$985.00.

# <u>New Light-Weight "Eight"</u>

\$1195

Our new model "348," eight cylinders, has the same long stroke, high-duty, type motor as the four. But it's an eight with all the advantages of the eight—continuous flow of power and lack of vibration. Seats five comfortably. Wheelbase 112 inches. Completely equipped \$1195.

## Seven-Passenger "Eight"

Model "68" sight cylin-Model 68 agnt cylinder, family touring car \$1685 DeLuxe. In every respect

equal to any eight at any price—and cause of Jackson experience and efficier comes to you completely equipped, 124 inch wheel base, 34 x 4 % tires, \$1685

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Jackson Motor Co., 1729 McGee St., Kansas City, Mo.



Keep a can of Zenoleum always handy—it's to stock Profit-Insurance on earth. Its use as a dising germicide insures the destruction of all germs and prey on cattle, hogs and sheep. This powerful saft kills lice, mites, sheep ticks; cures mange, scab, skin troubles, sores, wounds and prevents abortion in cattle.



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No other live stock remedy is so highly regarded by breeders and live stock authorities. For twenty years it has stood every test, Cheaper than home-made mixtures and absolutely reliable. Send a dollar bill for a can of Zenoleumpe made, such that absolutely reliable. Send a dollar bill for a can of Zenoleumpe months, it is particulated by the company of the com

# 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. -

Agency Division Farmers Mail and Breeze

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# Weekly Market Letter

It is yours for the asking, and places wou under no obligation. Send your cattle buying orders to an old, long established commission firm of standing with 20 years experience on the Kansas City market. We buy 25 to 30 cars of cattle a year for several Kansas stockmen. It costs less than 5 cents a hundred.

Our firm was employed to sell the Stock Yards Fire Cattle hasfall, and handled this big responsibility without comvice on your liventock shipments. Try us.

Money loaned to responsible stockmen on satisfactory references. Send your name for our weekly market letter, RYAN-ROBINSON COMMISSION COMPANY 421-25 Livestock Ex. Bidg., Kansas City, Mo.



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when you invest that le in a postal card to us. Here are a few of the good things in it for YOU.

1½ H-P. \$24.75 | 5 H-P. \$27.50 | 2 H-P. \$27.50 | 8 H-P. \$37.50 | 8 H-P. \$37.50 | 8 H-P. \$37.50 | 8 H-P. \$3.50 | 10 H-P. \$3.90 | 10 H-P. \$3.90 | 12½ H-P. \$3.14.90

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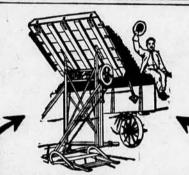
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Saves fire risk, insurance, storage and hauling expense, and loss from rats and mice.

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The Security GRANARY orrespects whether the only granary that really ventilates the grainerforated tube ventilators keeps steady circulation air through the grain. Roof with separate rafter ame. Corrugated sides, 8 to the 24-inch sheet, 29 mes as strong as plain. Dormer manhols, double ours. Strongest granary built. Write for Free cooklet and name of dealer nearest you.

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ing the spreader. Operated by a man and a b. loads up to 50 loads a day. Cleans barns, lots, manure piles, etc. Cuts the cost of hig manure 50 per cent. Makes your hardest easy. Ask about it. Write today for detion and price.

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# Let Us Send You Our Choice Cattle on the Market HIGHEST

# Prime Missouri Steers Sold Freely at \$9.85 to \$10.15 Last Week-Wheat Prices May Decline

More provious, and fewer grass cattle, but previous, and fewer grass cattle, but on all kinds. Prime Missouri steers soid freely at \$3.55 to \$10.15 the first half of the week, but the market sagged Wednesday, since when the supply of all kinds of cattle has been light. Kansas pasture cattle which had an offer of \$3.50 here Wednesday, were forwarded to an Illinois market, as other of well and the shipper close to four dollars a head. Other Kansas pasture steers sold up to \$3.60 here early last week. Butcher grades are 25 to \$5 cents lower although a few odd cows are still selling up to \$7.50. Quarantine cows \$5.25 to \$5.55. The Panhandle country strains and astrong of feeders well in some choice beef steers which brought \$9.60, the highest price on record for Texas cattle, and a string of feeders well, and a string of feeders well, and a string of feeders well, and a string of feeders well from the work of the work of

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The range in mately as follo	ws:		200	Halle Charles Mich
Prime heavy, cor Prime, medium Good to choice . Fair to good Western steers,	weight	:::		. 9.35@10.00 . 8.75@ 9.30 . 7.90@ 8.75
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Selected feeders	\$8.00@ 8.78
Good to choice feeders	7.75@ 8.00
Medium to good feeders	7.25 @ 7.61
Common to fair feeders	6.85@ 7.20
Selected stockers	8.00 @ 8.50
Selected stockers	7.25 @ 7.90
Common to fair stockers	6.85 @ 7.20
Stock cows	5.50 @ 6.81
Stock helfers	6.00 @ 8.00
Stock calves	7.00@ 8.60
Killing bulls	5.00@ 6.50
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HOGS.	
Chales have some son	

Choice hogs, over 200 pounds\$7,30@7,50 Choice hogs, over 250 pounds 7,20@7,40 Light hogs, 150 to 200 pounds 7,35@7,55
Light hogs, 150 to 200 pounds 7.35@7.55
Rough to common 6.00 @ 7.10 Bulk of sales 7.25 @ 7.50
SHEEP.
Spring lambs

 Clipped wethers
 6.25 @ 7.00

 Clipped wethers
 5.85 @ 6.40

 Clipped ewes
 5.25 @ 6.35

## Wheat Prices Unchanged.

Wheat Prices Unchanged.

Despite a critical situation as to supplies at present and for the immediate future, there is a widespread belief among grain dealers and millers that wheat is more likely to sell below than above the present level during the fall and winter if present crop prospects are realized. Allowance for some millions of bushels of winter wheat lost because of excessive rains, must be made, but this may be offset by increased spring wheat yields, and the official estimates indicate that the United States will have nearly a million bushels a day to ship abroad throughout the current crop year. Importing countries took that much wheat from the United States last year, but this year there is the Canadian crop of 80 million bushels more than last year, an increase in India, and the countries that bought wheat in the United States last year have crops fully equal to last year's, according to recent estimates.

Export sales reported last week aggregated about 4 million bushels a good dealer.

to recent estimates.

Export sales reported last week aggregated about 4 million bushels, a good deal more than the primary receipts, though very moderate in comparison with this country's theoretical surplus. Sales probably were limited by unwillingness of exporters to contract any more at the present time. Sales for export now necessitate purchases for September delivery as a hedge until the crop movement gets un-

cluded, 19½0 a dozen; first, 17½c; seconds 12½c.
Butter—Creamery, extra, 26c a pound; firsts, 24c; seconds, 22c; pound prints, 1c higher; packing stock, 18c.
Live Poultry—Brollers, 16@18c; hens, No. 1, 11@11½c; roosters, 8½c; turkeys, 14c; ducks, young, 11½c; old, 8c; geese, 6c.

# Tractor Show Was a Big Success

(Continued from Page 3.)

will run the tractor day and night he can get an immense amount of work done, at just the time when the conditions are the most favorable."

"I just came down to get an idea of the different makes," A. P. Barrett of Pratt said. "While I am not ready to get an engine now I shall do so later, and I wish to see what the tractors are doing. Judging from the men I have doing. Judging from the men I have talked with there are many farmers here

who have the same idea."

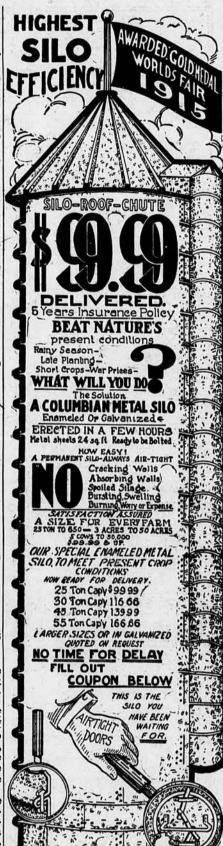
One of the best pleased men on the grounds was A. A. Potter, dean of engineering in the Kansas State Agricultural college. Dean Potter has a great belief in the future of tractors in Kansas has thinks they will lead to the sas, for he thinks they will lead to the developing of a more satisfactory rural life. He has built up a short course in traction engineering at the college that was very well attended last year. Judging from present indications he will have

an immense increase in the number of students in this course next year.

Lee H. Gould of Dodge City, district agricultural agent for southwestern Kansas was especially interested in the different makes. He gets a great many questions every week from farmers in his district who wish to know more his district who wish to know more about tractor operation. Mr. Gould was especially interested in the amazing number of questions asked by the vis-

"This show has been a wonderful success," remarked W. H. Saunders, a trac-tor expert with the Kansas State Agri-cultural college. "It is the greatest event of its kind the country has ever seen. Its influence will be noticed for a long time, and it will be helpful in develop ing a better farming system for Kansas."

The expressions which have been given are merely an index to the opinions of the thousands of farmers who saw the show. The fundamental reason for this general belief is that there was a logi-cal place for it—the increasing interest in power farming had made it necessary. That it supplied this need for more def-inite tractor information was well indicated by the satisfaction expressed by the visitors.



This enamel sile is of same construction as the fam-

ous Columbian Galvanized Silo—the world's best. Strongest and easiest to erect. Largest sizes have been exected in 30 to 40 hours time. No expert help required. All bolts, tools, etc, furnished.

Beat the frost to it—Buy a Columbian Metal Silo—Galvanized or Enameled. Save your soft corn. Fillin your order on the attached coupon and save time. We for write us for literature days that the solid in flating. Or write us for literature days.

COLUMBIAN STEEL TANK COMPANY build a sile in 30 minutes—Prompt Ser. 1710 WEST 12TH ST., KANSAS CITY, MO.

COLUMBIAN STEEL TANK COMPANY, 1710 W. 12th St., Kansas City, Mo.

Please ship .....ton Enamel Metal Silo, price \$ lelivered. Shipping point ..... I want to erect ...... ton sile. Send full information

on,.....Galvanized ......Enameled silos. Name..... P. O.

# FARMERS CLASSIFIED ADVERTISEMENTS

### POULTRY

### PLYMOUTH ROCKS.

BUFF ROCKS-WILLIAM A. HESS, HUM-boldt, Kan

DUFF'S MAMMOTH BARRED ROCKS.
Young and old stock ready to ship now.
Half price. A. H. Duff, Larned, Kansas.

### LEGHORNS.

FOR SALE—WORLD'S BEST PRIZE WIN-ning, laying White Legiforns, 25c to \$5 each. Clare Colwell, Smith Center, Kan.

SINGLE COMB WHITE LEGHORNS. Chix hatched now lay this winter. Eggs special price \$3.00 per hundred. Harry Givens, Madison, Kan.

### WYANDOTTES.

WHITE WYANDOTTE EGGS AND COCKerels from prize winning stock. Eggs, 15 for \$1.00, 50 for \$3.00, 100 for \$5.50. We guarantee nine chicks per setting or duplicate at half price. Cockerels \$2.00, 3 for \$5.00. G. A. Wiebe, Beatrice, Nebraska.

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BLACK LANGSHAN EGGS, FROM MY best pens and yard, at ½ price. \$1,50 and \$3.00. J. A. Lovette, Poultry Judge, Mullinville, Kan.

### MISCELLANEOUS.

25C GETS BEST FARMERS' POULTRY paper year. 10c for 4 months. Commercial Farm Poultry, Montpeller, Indiana.

FOR SALE. A PREPARATION WHICH applied once a year to your poultry will keep them free from lice. A postal brings particulars. Windham Chemical Co., Willimantic, Conn.

# LIVE STOCK

Advertisements under this heading will be inserted a cents a word. Four or more insertions if cents a word insertions. No display type or illustrations admitted

FOR SALE. SHEEP, 200 EWES AND 100 lambs \$3.50 each. R. O. Claycomb, Guymon, Okla.

HIGH GRADE HOLSTEIN CALVES, either sex, 3-4 weeks old. \$17 each, crated. Burr Oak Farm, Whitewater, Wis.

REGISTERED JERSEY COW AND HEIF-ers for sale. Golden Lad and St. Lambert breeding. Prices reasonabler W. F. Pyke, Marion, Kan.

WANTED: THOROUGHBRED PERCHERON mares one to three years old. Also one Percheron stallion. Write A. R. Neese, New Ulysses, Kan.

FOR SALE—30 COWS \$35; 30 YEARLING steers \$20; 30 2-yr.-old steers and helfers \$30; 20 caives \$16. Good colors; good average cattle. Free pasture balance season. R. W. Weaver Co., Route 2, Bastrop, La.

REGISTERED STOCK FOR SALE. 8
Hampshire ram lambs, 2 Guernsey bull
calves, 1 Guernsey helfer calf, 6 Hampshire
sows bred for fall, 2 grade helfer cows, 1
grade helfer calf. R. C. Krueger, Burlington, Kan.

# SEEDS AND NURSERIES

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ALFALFA SEED. I HAVE ABOUT 80 bushels of 1914 crop alfalfa seed at \$8.00 per bushel. Ask for sample. E. A. Fulcomer, Belleville, Kan.

HOME GROWN ALFALFA AND SWEET clover. I have a limited amount of fancy and choice seed. Write for prices and sam-ples. Asher Adams, Osage City, Kan.

# FOR SALE

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FOR SALE—FULL BLOOD BOSTON BULL pups. H. L. Ferris, Osage City, Kan.

FOR SALE—BULL TRACTOR. FOR prices write F. A. Pratt, Wakarusa, Kan.

FORMS FOR 16 FT. CEMENT SILO-Nearly new—Cheap. Chas. A. Streeter,

PRAIRIE HAY. WE HANDLE HAY IN varge quantities and can make shipment any day. Ask for delivered prices, The Osage City Grain & Elevator Co., 416 Main street, Osage City, Kansas.

# ONE SIZE 18 REEVES ALFALFA HULL-er. Good condition. Cash price \$250.00. Jasper Singley, Meade, Kan.

FOR SALE—ONE DEMPSTER LARGE NO. 14 well machine; nearly new; price reasonable. E. S. Rhodes, Tampa, Kan.

ENGINE PLOW FOR SALE—JOHN Deere 10-14 in. bottom; one 12-14 in. bottom; good condition; will sell cheap. L. A. Jordan, Winona, Kan.

FOR SALE—THRESHING ENGINE. 25 H. P. steam Reeves (Canadian type boiler). Cost new \$3,300. In use only 4 months. Will sell responsible parties \$1,500. Cash or bankable paper. Sutherlin Construction Co., 818 Commerce Bidg., Kansas City, Mo.

FOR SALE: ONE JOHN DEERE TUBULAR
Steel Portable grain elevator, complete
with 4 h. p. John Deere gasoline engine,
Bought wheat with it last year, building
elevator this year and don't need it. Price
reasonable. R. M. Maxwell, M. rtor, Kansas.

## FOR SALE OR TRADE

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HART-PARR LITTLE DEVIL TRACTOR, used 20 days, for sale or trade. Joe Young, Long Island, Kan.

### LANDS

Advertisements under this heading will be inserted at cents a word. Four or more insertions 114 cents a word ach insertion. No display type or illustrations admitted.

HOUSES, 3 ACRES, LOTS FOR LAND. 821 Monroe, Topeka.

80 ACRES, HENRY CO., MO.; SMOOTH, improved; \$4,800. T. O. Cary, Clinton, Mo.

FOR SALE-160 ACRES, LINN CO.; IM-proved; \$50 an acre. S. R. Burrell, Iola, Kan.

YOUR CHOICE OF A 160, 320 OR 640 A. farm. Possession now. Easy terms. W. C. Blattler, Belpre, Kan.

820 A. UNIMPROVED WHEAT LAND AND rented residence, clear, for improved farm. Box 68, Strong, Kan.

ALLEN CO., 160 A. FOR SALE BY OWNER. 40 acres alfalfa. \$50 an acre. Terms. C. S. Miller, Chanute, Kan. 160 ACRES. PARK VALLEY. NEAR TOWN. Good water. School. Church. A. Kemper, Route 5, Mountain Grove, Mo.

ADVERTISE YOUR FARM FOR SALE, 10 a word. Three months' subscription 10c. 28 Real Estate World, Long Island, Kan.

BARGAIN—160 ACRES IN WHEAT BELT of Washington. Ten yearly payments. Write. W. G. Norton, Wilson Creek, Wash.

FOR SALE—21% ACRES NEAR K. S. A. C. Strictly modern improvements; nothing finer anywhere. Frost Realty Co., Manhattan, Kan.

20 ACRES OF MY IRRIGATED LAND will make more than your 100-acre dry-farm. Write for booklet. E. C. Stovall, Graham, Texas.

40 ACRES IMPROVED, WRIGHT CO., MO. 30 pine bottom, 3 miles town. Price \$1,500, terms on half. J. Cooper, 2122 N. 29th St., Kansas City, Kan

CHEAP HOMES; FERTILE SOIL AND plenty of water. Alfalfa, stock, fruit and excellent climate. Write, Dora H. Lewis, Willcox, Arizona.

SELL YOUR PROPERTY QUICKLY FOR cash. No matter where located. Particu-lars free. Real Estate Salesman Co., Dept. 5, Lincoln, Neb.

FOR SALE—80 OR 160 ACRES OF SOLO-mon bottom land of best quality. Improve-ments on each 80. Terms. E. Gray, R. No. 2. Minneapolis, Kan.

HASKELL CO. LAND. TWO QUARTERS, Joining; all level, rich black soil. \$2,000 quarter. Part time. 6 miles Gray Co. line. S. Derby, owner, Jean, Kan.

RANCH 1495 ACRES, IMPROVED, FINE for cattle or farming. 200 acres bottom land. Need money; sell cheap. Owner, 459 Victor Building, K. C., Mo.

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.

FREE GOVERNMENT HOMESTEADS—320 acres. On Eastern Slope of Big Horns, Northern Wyoming. Good land, well located, productive soil, natural rainfall, fine climate, good water, in a prosperous section of the West. Northern Wyoming has good towns, new railroade, oil, gas, coal, timber, mining, fine hunting, fishing. A home is waiting for you. Take advantage of the 3 year home-stead law. For full information write to or come see. Barton Land Co. (Locators), Sheridan, Wyo.

IMPROVED DAIRY FARM. 160 A. 7 MI. from Mulvane condensory, on milk route, \$8500. Will leave \$3000 on farm. Buy from owner. Mrs. Mattle Howard, Mulvane, Kan.

FOR SALE OR TRADE. 640 ACRES LAND located in Logan Co., Kansas. 50 acres under cultivation, balance prairie. For full particulars address N. Goodreau, Miltonvale, Kan.

DAIRY FARM FOR SALE, REASONABLE payment down, balance small payments and low interest, or will sell half interest in cows and hogs and rent for a share. E. H. Boyer, Lane, Kan.

FOR SALE 2 LOTS IN PINNEO, COL., OR exchange for hay press, gasoline outfit. Also have 180 acres in Wallace Co., Kan. Address me, if interested, at once. Ben Anderson, Lawrence, Kan., R. No. 1.

OZARK FRUIT AND STOCK FARM, 267 acres, improved and well located, lots of fruit, timber and pasture; will grow anything; \$22 acre; want hardware or merchandise. Owner, Box 597, Mountain View, Mo.

136 ACRES—HIGH, HEALTHY; 40 CULTI-vated; 80 all good, timber pasture. Good house, \$500. Peaches, apples, grapes now marketing. 1 ml. high school, two churches. Ideal poultry, hog, dairy. \$1,200. Hodge, Mansfield, Ark.

CHASE COUNTY, KANSAS, FARMS AND ranches, 320 acres, 75 acres cult., good pasture, good water and improvements, fruit, 5 miles town, near school, price \$30 per acre terms to 1945. A. J. Klotz & Co., Cottonwood Falls, Kan.

PRODUCTIVE LANDS; CROP PAYMENT or easy terms along the Northern Pac. Ry, in Minn., N. D., Mont., Idaho, Wash. and Ore. Free literature. Say what state inter-ests you. L. J. Bricker, 46 Northern Pac. Ry, St. Paul, Minn.

FOR SALE—OIL AND GAS BARGAIN. A 320 acre tract of rich, smooth, limestone land, 60 acres plow land, and balance first class prairie meadow with fine crop of grass ready to make into hay. Large hay barn for storage at station nearby. A fine investment for hay alone. Oil wells three-fourths mile southeast, and largest new gas field just discovered one mile northeast. Not leased, but all land surrounding is leased. Want to sell immediately. Gas very saiable at high price. Price 175 per acre. Write, Geo. K. Bideau, owner, Chanute, Kansas.

FINE TOPEKA HOME FOR SALE—I WILL sell my place in Topeka, located on the most be believed in the city, near limits of city, two blocks from street car, two blocks from street car, two blocks from street car, two blocks from fine chool, fine old shade, park like surroundings, lot 61½ by 205 feet, eight room house, modern in every detail, hardwood finish, four fine mantels and grates, of oak, brick and tile, big sleeping and dining porch, both screened, barn, poultry houses, etc., etc. Fine place for farmer who wants to move to the capital city. Price \$5,600, worth more. Cash or terms. Interest only 6 per cent instead of the usual 7 per cent. No trade. Address R. W. E., care Mail and Breeze.

## FARMS WANTED

Advertisements under this heading will be inserted at scents a word. Four or more insertions 414 cents a word sach insertion. No display type or illustrations admitted.

WANTED—TO HEAR DIRECT FROM owner of good farm or unimproved land for sale. C. C. Buckingham, Houston, Texas.

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.

# PATENTS

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PATENTS THAT PAY. \$600,000 CLIENTS made. Searches, advice and two books free. E. E. Vrooman & Co., 885 F, Wash-ington, D. C.

SEND FOR FREE BOOKLET, "ALL ABOUT Patents and their cost, Shepherd & Camp-bell, Patent Attorneys, 500 C Victor Bldg., Washington, D. C.

MEN OF IDEAS AND INVENTIVE ABILity should write for new "List of Needed
Inventions," Patent Buyers, and "How to
Get Your Patent and Your Money." Advice
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Dept. 25, Washington, D. C.

## AGENTS

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WANTED—AGENTS TO SELL WINFIELD Reliable Trees. Pure bred—True to name. Growers of a general stock. Will pay a liberal commission. Cooper and Rogers, Winfield, Kan.

# · FARM MACHINERY

Advertisements under this heading will be inserted at cents a word. Four or more insertions 4% cents a word ach insertion. No display type or illustrations admitted,

SMALL POWER THRESHERS FOR GRAIN, malze, peanuts, peak, etc. Hand and Pony hay presses. Particulars free. W. H. Stop-ple, Dallas, Texas.

# BEES AND HONEY

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ITALIAN BEES FOR SALE. A. H. DUFF, Larned, Kan.

HONEY. NEW CROP LIGHT AMBER PER case 120 lbs.—\$10.00; 60 lb. can—\$5.25. Bert W. Hopper, Rocky Ford, Colo.

SPECIAL PRICE LIST PURE CALIF.
honey free. Produced by one of our Calif.
apiaries. Explains grades, sized packages,
prepaid prices. Inspection allowed before
payment. Sample for dime to pay postage,
Spencer Apiaries, Dept. D, St. Louis, Mo.

# CREAM WANTED

Advertisements under this heading will be inserted at scents a word. Four or more insertions 414 cents a word each insertion. No display type or illustrations admitted,

CREAM WANTED—THE INDEPENDENT Creamery Company of Council Grove, Kan-sas, buys direct from the farmer. Write for particulars.

# HELP WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 456 cents a word sach insertion. No display type or illustrations admitted.

WANTED: MAN TO SELL TREES, SHRUBS, roses, berry bushes. Permanent. Brown Brothers Nurseries, Rochester, N. Y.

MEN-WOMEN WANTED. \$75.00 MONTH. List government jobs open—free. Franklin Institute, Dep't A-51, Rochester, N. Y.

GOVERNMENT FARMERS WANTED. EX-amination Oct. 13. Good salaries. Free quarters. Write, Ozment, 38F, St. Louis.

BE A DETECTIVE. EARN \$150 TO \$300 per month; travel over the world. Write Supt. Ludwig, 401 Westover Bidg., Kansas City, Mo.

WANTED AT ONCE—SALESMEN TO SELL the new Tire Tool for Ford Cars side line or exclusive, could use state agents. J. P. Tire Tool Co., York, Neb.

FIREMEN AND BRAKEMEN; \$100 MONTH-ly, experience unnecessary; hundreds needed by the best rallroads everywhere. Particulars free. 795 Railway Bureau, East St. Louis, Ill.

FARMERS WANTED—MEN AND WOMEN everywhere. Government jobs \$70 month. Short hours. Vacations. Rapid advancement. Steady work. Many appointments during summer and fall. Common education sufficient. Write immediately for list of positions now obtainable. Franklin Institute, Dept. A. 51, Rochester, N. Y.

# MISCELLANEOUS

Advertisements under this heading will be inserted at cents a word. Four or more insertions 4% cents a word ach insertion. No display type or illustrations admitted.

WANT TO RENT OR LEASE A FARM. L. A. McClellan, R. R. No. 2, Robinson, Kan,

EARN MONTHLY SALARY CORRESPOND-ing for papers. Anyone can do it; spare time. Particulars free. Chas. Clive, Willmar, Minn.

I CONDUCTED GOVERNMENT EXAMINA-tions. Can help you secure railway mail or other government positions. Trial exam-ination free. Ozment, 38R, St. Louis.

WE HAVE FOR RENT A FIRST-CLASS business room with modern front, suitable for dry goods or gents' furnishings; centrally located. Address, Manhattan Realty Company, Manhattan, Kan.

LEARN TELEGRAPHY (MORSE OR wireless); easily learned; pays well; quick promotion. Qualify in four or five months for good position; earn board while learning. Wichita Telegraph College, Wichita, Kansas.

FREE ILLUSTRATED BOOK TELLS OF about \$00,000 protected positions in U. S. service. Thousands of vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Just ask for booklet \$-68. No obligation. Earl Hopkins, Washington, D. C.

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.

Put Burlap on Binder Wheels

I have just heard of a farmer living southeast of Lyons, Kan., who had a southeast of Lyons, Kan., who had a will to the iron wheels also they are wet and badly down field of wheat wider and will not sink so badly.

He also used extra guards to pick up that he thought he would lose and he wrapped burlap around the header wheels, one every 6 inches, and took No. 9 wire and twisted a loop around the reel slats and let it almost garden that many a profitable hour may be spent making little cornucopias of paper which will serve the double purhap some farmer to save wheat even plants from a belated frost and transplanted ones from the hot sun.

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# **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-discontinuance or-ders and change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication 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 payes after they are electrotyped.

ALFALFA land, Sedgwick Co. Write for price list. G. R. Davis, Valley Center, Kan.

FOR SALE. Well impr. 160, Neodesha 3 mi., bargain. John Deer, Neodesha, Kan.

FORD CO. farms, Catholic College and com-munity. Millikan & Turner, Dodge City, Kan 80 A. 3 mi. out. Good imp. 25 a aifalfa. Price \$5,500. Decker & Booth, Valley Fulls, Kan.

EASTERN KANSAS corn, alfalfa and wheat land \$40 up. A. E. Clark & Son, Pomona, Ks.

190 A. IMP. 46 alfalfa, bal, wheat, corn, pasture, \$12,000. Lindholm & Son, Kingman, Ks.

BARGAIN—Choice, well improved quarter. Good terms. J. E. Sullivan, Effingham, Kan.

WANTED: Outside man to work real estate in Neodesha, John Deer, Neodesha, Kan

320 A. Hamilton Co. Raw grass land, \$4.50 a No trade. Walter & Patton, Syrucuse, Kan. 1920 A. 10 mi. Meade, 700 a. farm land, bal. pasture. \$12.50 a. G. W. Day, Meade, Kan.

IMP. FARMS, alfalfa, corn and wheat lands \$50 up. Mott & Kohler, Herington, Kan.

FARMS and ranches, northeast Kansas, \$35 to \$125 acre. Geo. Loch, Marysville, Kan.

FREE! Illustrated booklet describing richest Co. in Kan. Hosey Land Co., Columbus, Ks.

480 A. ALL GRASS. Every acre can be cult. \$12.50 per acre. Box 215, German Colonization Co., Plains, Kansas.

WELL IMPROVED 80, Arkansas bottom, none better, 3 miles of big condensery, \$12.000. Papes, Mulvane, Kansas.

½ SEC., 200 cult., 20 alfalfa, bal. pasture, well improved, spring and well. \$18,000. Terms. Hill & Murphy, Holsington, Kan.

160 A. IMP. 5 alfalfa, 120 cult., bal. pasture. Living water, orchard and grove. 3½ mi. town. \$40 a. M. F. House, Attica, Kan.

HAVE 10 GOOD RANCHES 1000 to 10,000 a., well watered, Barber Co. Wheat and alfalfa farms. Terms. Kackley, Hutchinson, Kan.

CHOICE WHEAT and alfalfa farms. \$50 up.
Banner wheat and alfalfa county. Write
for description. Bex Nordyke, Harper Kan.

IT'S \$6,400. Impr. 160 a. bottom, 5½ ml. Mound Valley. Some alfalfa, 120 cult. Terms. J. P. Donahue, Mound Valley, Kan.

BARGAINS in imp. alfalfa, corn and wheat farms. Right prices, easy terms. Proctor & LeGrande, South Haven, Sumner Co., Kan.

WHEAT, OATS, CORN, ALFALFA lands. Famous Sumner County, Kansas. ½ wheat with farms. H. H. Stewart, Wellington, Kan.

160 A. WELL IMP., 15 alfalfa, 40 pasture, bal. cult. Sandy loam. 2 ml. Harper. \$16,000, terms. 4 other good farms for less money. J. C. Elvin, Harper, Kan.

BARĞAIN: Impr. 160 a. All bottom alfalfa land, 1½ mi, to town, timber and orchard. Price \$95 per a. If you want to buy or trade write W. G. Studebaker, Salina, Kan.

FINE 400 acre stock farm, 240 acres cultivation. First class alfalfa, wheat and corn land, 160 acres pasture. Fine fencing, slio, barn and other improvements, 337.50 per acre. Couch Land Co., Anthony, Kan.

FOR SALE. Ten room modern house with 8 acres of ground, joining college campus. One block from street car line. All high, level land; will cut into 46 city lots. For sale at a bargain. Address W. H. Rhodes, Owner, Route 8, Manhattan, Kan.

FOR SALE—1060 a. imp. ranch, 2½ miles of town in Ness Co., Kan. ½ bottom, alfalfa land. One 960 a. imp. ranch, 4 miles from town, 40 a. growing alfalfa. Price, each, \$11.50 per a. Terms. No trades. All kinds of wheat and alfalfa lands. For particulars address C. F. Edwards, Ness City, Kan.

FINE BARGAINS in wheat and alfalfa land on Solomon Valley. Send for fine list of Layton Bres., Osborne, Kansas.

160 A., modern impr. 20 a. alfalfa, 20 mead-ow, 20 pasture. Spring and well. \$90 acre. D. E. Houston & Co., Baldwin, Kan.

640 ACRES smooth, part wheat, part alfalfa land. \$4,000. Terms.
J. A. Jackson, Syracuse, Kan.

160 A. well impr. 1 ml. town, \$15,000. 240 a. fine improvements, \$24,000. J. Jenson, Hiawatha, Kansas.

NICE smooth 800 a., 5 miles Copeland, Gray Co., Kan. All tillable; best of wheat land. Part in cultivation. \$20.00 a. Good terms. Chas. E. Dye, Preston, Kan.

GOOD smooth quarter sections and half sections of land in Gray county, in the wheat belt, price from \$12.50 to \$15 per acre. Write C. I. Zirkle, Garden City, Kan.

160 ACRES in north Morton county; black loam soil; all in grass; every foot tillable; \$6 per acre.
L. J. Pettijohn, Dodge City, Kan.

EVERYBODY SAYS they're worth it. ½ sec. no imp., extra good, all in wheat, \$20,000. ½ sec. rolling, imp., good for stock farm, \$15,000. 160, no imp., priced right. 80 a. \$3,000.

ALFALFA LAND \$55 per acre. 160 acres near Emporia; 7 rooms, large barn, silo, good orchard. Send for list. T. B. Godsey, Emporia, Kan.

NESS CO. 160 acres, 5 ml, of two good towns; six room frame house; other impr. 80 a. cult., bal. pasture. 300 yards from school. Price \$3,000. Terms on part. V. E. West, Ransom, Kansas.

640 ACRES land Trego Co., Kan. Price \$12,000. For farm of equal value in Central Kansas. 299 acres improved Geary Co., 95 a. creek bottom. \$11,000, cash only.

Bader & Webster, Junction City, Kansas.

SHERIFF SALE. Choice improved Jewell County 160 a. farm, 3 mi. out, to close up estate will be sold by sheriff to highest bidder, Tuesday, August 3rd. Immediate possession of wheat ground. For details write, Atty., Box 198, Jewell, Kansas.

FOR SALE. 40 acres, improved, three miles Valley Falls; ½ mile school. \$100 per a, 120 acres, improved. 3½ mi. Valley Falls, ½ mile school. \$80 per acre. Bargains in any size farms. Write or see Harman Farm Agency, Valley Falls, Kan.

WESTERN KANSAS WHEAT LANDS.
If you mean business we have the cash bargains. Hugh Conner, Hutchinson, Kan

WHEAT AND ALFALFA LANDS. Santa Fe Railroad land. Easy payments. Ellis Thornhill, Halstead, Kansas.

MORTON COUNTY, KAN., LANDS. 320 acres, level, black loam soil, shallow to water. Price \$1400 cash. Investigate Cecil B. Long, Richfield, Morton Co., Kan

WE OWN 18,600 ACRES IN FERTILE WE OWN 13,600 AURES IN FERVALE Pawnee valley, smooth as a floor; best al-falfa and wheat land on earth; five sets of improvements; shallow water; will sell 80 acres or more. Frizell & Ely, Larned, Kansas.

FINE STOCK FARM CHEAP.
480 acres, 2 ml. from town, with \$5,000
residence, \$2,000 barn, feed yards and corrals; about half fine prairie pasture, balance
good farm land. 40 acres alfalfa. A bargain
if taken soon. Write
Mollohan Land Co., Peabody, Kan.

360 A. VALLEY and creek bottom land, very fine, 25 a. timber. 5 r. house, barn, cribs, etc. 50 a. fenced hog tight. Fine grain and stock farm, 1½ ml. school, 4½ ml to town. Will sell on easy terms. Owner is a non-resident. Write for full description of any size farm you want. We make exchanges.

Mansfield Land Company,
Ottawa, Kansas.

15 YEARS TO PAY FOR STOCK FARM IN CHASE COUNTY, KANSAS.

\$20 acres 6½ miles town, 70 acres cultivated, 10 acres aifalfa, timber, 250 acres best grazing. Everlasting water. Five room house, extra good barn, orchard, telephone, 1½ miles school. Price \$12,500.00. \$1,500.00 cash, balance 15 years at 5 per cent.

J. E. Bocook & Son, Cottonwood Falls, Kan.

120 ACRES, 3 ML FROM TOWN.
All valley land, 30 acres in alfalfa; good improvements. Price \$100 per acre. Also fine farm of 240 acres close to town; good wheat quarters from \$4.00 per acre up.
Chas. D. Gorham, Garden City, Kan.

WRITE US 10DA1

for free lithographed maps of Ness County, Kansas, and list of land bargains.

Miner Bros., Ness City, Kan.

Established 1885.

Butler—Greenwood County Grass cattle now bringing high prices—watch market reports. A splendid tract for sale at \$18 per acre.

V. A. Osburn, El Dorado, Kan.

2—Rare Bargains—2
Choice level 160 a, farm, \$4 a, cash. Also well imp. alfalfa farm 168 a. Perfect title. Immediate possession, \$50 a. Terms. Western Real Estate Exchange Co., Syracuse, Ks.

For Rent: 243 acres bottom land; two rent. To good parties, will rent for three to five years; immediate possession. Address, THE ALLEN COUNTY INVESTMENT CO., lols, Kansas.

Must Sell, Account Sickness 80 acres, 4 miles west of Fredonia. Good land, good water, new improvements, All livestock, implements and crop go with farm. Arthur Rich, Fredonia, Kansas.

HOMESEEKERS, ATTENTION! Come to northeast Jewell Co. Banner corn and alfalfa county of the state. Good well impr. farms \$37.50 per a. and up. Good schools, churches, etc. For further informa-tion address Robt. Harroun, Lovewell, Kan.

80 Acres Only \$1000 Only 7 ml. Wichita. Good, smooth black loam soll. Plenty bldgs. Possession at once. Only \$6,000. \$1,000 cash, time on bal. R. M. Mills, Schweiter Bldg., Wichita, Kan.

**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 counties 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.

160 A., 31 MI. OUT. IMP. FAIR. 130 cult., 30 grass, good water, fenced. Second bottom. \$10,500. Mtg. \$4,000, 6%. Ed A. Davis, Minneapells, Kan.

IRRIGATED FARMS

We are offering for sale a limited number of improved irrigated farms on easy terms. Well located, near main line of Santa Fe in Kearny County, Kansas. Water for irrigation from river and pumping plants. Electric current for all power and lighting purposes. Price ranging twenty-five to one hundred dollars per acre. Address

The Garden City Sugar and Land Co. Garden City, Kansas.

# MISSOURI

**KERAN & WEGNER,** real estate, Lockwood, Mo. Write for information, English or

160 A. well imp. Well and spring. 60 a. cult., bal. timber. R. F. D. and phone. \$17.50 a. Terms. J. A. Hunt, Marshfield, Mo.

BEST FARM IN OZARKS, 224 a., 175 a. in bottom; 5 crops alfalfa year, 340 a. Have more land for sale. Write R. F. Jenkins, Ava, Mo. The homeseeker's friend.

ROCKAWAY BEACH, the choicest spot on beautiful Lake Taneycomo in South Mo. Fine fishing, boating, bathing. Lots; Acres; Farms. Low prices. Easy terms. Literature free. A. Merriam, Ellis & Benton, Kan. City, Kan.

MISSOURI FARMS—For corn, clover, wheat and bluegrass farms, that will prove profitable and satisfactory, write for list. 100 farms described and priced.

Hamilton & Crenshaw, Box 7, Fulton, Mo. SNAP. 80 acres, fenced, house, barn; 50 cultivated. Orchard. \$2,000. \$500 easy terms.
Tom King, Flemington, Polk Co., Mo.

20 A. well imp;, all level, fenced, 2 a. timber.
Suitable for chicken ranch, \$1,000.
A. Cawthra, Fordland, Mo.

ATTENTION, FARMERS.

If you want a home in a mild, healthy climate with pure water and productive soil and where land can be bought at a reasonable price write Frank M. Hammel, Marshfield, Mo.

Fine Southwest Missouri Farm

AT A BARGAIN.

320 acres, 250 in high state cultivation, fenced and cross fenced with wire, fine 8 room house, 3 good barns and other outbuildings, fine well, 4 everlasting springs and creek, 3 miles to good town on Frisco R. R., % mile to school, R. F. D. and telephone, 337.50 per acre. Terms.

B. S. Phillips, Marshfield, Missouri.

# COLORADO

FOR SALE: Fruit tracts and irrigated farms in Northern Colorado. Write me what you want. A. H. Goddard, Loveland, Colorado.

A FEW REAL BARGAINS in land. 160 acres all farm land, 5 miles from town, ½ mile to school; good little house, 20 feet to soft water. 35 acres in corn now. \$15 per acre. Harry Maher, Deer Trail, Colo.

Harry Maher, Deer Trail, Colo.

HELLO! Is that you, Mr. Farmer? This is the SILLS LAND COMPANY talking. What do you know about the rain belt in Elbert County, Colo.? You don't know anything? Well, we are strictly in the rain belt and raise large crops; no hot winds. Just write us for literature and join the rush to Simia, Elbert County, Colo. Would like to talk longer but it costs so much over the 'phone. Good-by. Sills' Land Co., 20012 So. Union Ave., Pueblo, Colo.

FARMS IN THE WHEAT BELT, 215 per acre up. 3400 acres San Luis Valley, Colorado, \$40 per a. Will subdivide. G. L. Painter & Co., Dodge City, Kansas.

# FAMOUS SHALLOW WATER DISTRICT

Northeastern Colorado. Wonderful grain and stock country, best corn, wheat and natural alfalfa country in the West. Good climate, markets, church and schools. Productive soil. Small cash payment, balance like rent. Write for booklet and excursion rates.

Platte River Valley Land Company, State Bank Building, Omaha, Nebraska.

# TEXAS

FAIRBANKS GARDEN AND POULTRY

10 and 20 acre tracts. Right at station, school, store, postoffice, shell road and railroad. 40 minutes from Houston by rail or auto. Black sandy soil. All prairie. Monthly or yearly payments. Commercial Investment Co., 503 Commercial Bank Bidg., Houston, Texas.. Preston No. 1520.

# FOR SALE

Farms, ranches and business propositions in south and southwest Texas, or lovely homes in Beautiful Yoakum. Are you interested? Write us just what you want and we will help you to get it. Can make you low prices and long terms. We also have some fine colonization propositions. Watch our ads. Weolsey-Lacy Realty Co., Box 246, Yoakum, Texas.

## IDAHO

# FOR SALE OR EXCHANGE

A FRUIT FARM to trade for rental prop-erty. T. F. Chrane, Gravette, Ark.

TRADES EVERYWHERE. Exchange book free. Bersie Agency, Eldorado, Kan.

FOR SALE or exchange, Newly improved 40. Neodesha, 3 miles. John Deer, Neodesha, Ks. LAND, sale or exch. Mo. to Pacific, Dakota to Gulf. Fultz, 311½ N. Main, Hutchinson, Ks.

E. KANSAS farms in Catholic settlements. Exc. Frank Kratzberg, Jr., Greeley, Kan. IMP. FARMS, some in Catholic settlement. Exc. Severn & Hattick, Williamsburg, Kan.

BIGHAM & OCHILTREE sell and trade best corn, alfalfa, wheat land in U. S. Write for list. 116 N. 8th, St. Joseph, Mo.

HEADQUARTERS for best wheat and alfalfalands in Kansas; will exchange and assume. Jones Land Co., Sylvia, Kansas.

FARM and grazing lands. Custer, Blaine, Thomas and Hooker Cos., for sale and trade. B. C. Empfield, Broken Bow, Neb.

FARMS AND RANCHES, imp. and unimp., for sale or trade throughout Western Kansas. Eugene Williams, Minneola, Kan.

160 A., well impr., 8 room house, good barn, good water, Exchange for hardware. \$12,-000. Moherman & Bivins, Wellsville, Kan. TO EXCHANGE for western land, improved farm of 320 acres, 3½ miles from good rail-road town in Cowley county. Address H. C. Whalen, 413 Bitting Building, Wichita, Kan.

306 ACRES, good improvements; splendid stock and grain farm to trade. Youngs Realty Co., Howard, Kansas.

FOR SALE: 160 acres, \$600.00. Land bought, Write for prices and terms. Western Real Estate Co., Ellis, Kan.

FOUR FOR ONE ACRES. To trade, good grass, water and improvements. Free range in East Colorado. Want eastern land.
A. A. Murray, Westmoreland, Kansas.

EASTERN KANSAS RANCH
For Sale or Trade.

1440 acres good grass, 600 acres mow land.
Price \$20 per acre. Will take small improved farm as part payment. Write Theodore Voeste, Olpe, Kansas, or J. H. Crites, Fredonia, Kan.

SIX APARTMENT flat, south near Armour Blvd. Rents \$2880; price \$30,000. 12 apartment \$50,000; good \$25,000, \$20,000 and \$14,000 general mdse. All want farms. G. W. Goldman, N. Y. Life Bidg., K. C., Mo.

GOOD SECTION TREGO CO. LAND. Want smaller farm Central Kan. Price 0. Mtg. \$2700. Will assume, if good. J. C. Weaver, Wakefield, Kansas.

FOR EXCHANGE.

216 acres, half in cult., bal. grass; 4½ mi.
of R. R. town in Ottawa Co., Kan. Small
bldgs. Price \$12,000. To exchange for land
in east central Kansas of same value.
Sewell Land Co., Garnett, Kan.

WANT WHEAT LAND.

Have fine 160 a. nicely located, 1 mi. town.

Nice new house, good barn, orchard. Price
\$75. Want impr. wheat land \$8,000 to \$10,000,

time on bal. Also 240 a, nicely improved,
new house, barn and silo; 7 mi. out. Price
\$65. Want wheat land up to \$10,000 or
\$11,000; time on bal. Gray, south ½ of Ford
or Clark preferred. or Clark preferred. W. H. Lathrom, Waverly, Kan.

# LOOK! LISTEN!

HOMES in the Ozarks for sale or ex-change. Cheapest good land on earth; pures water and healthy climate. Don't delay but Ozark Realty & Abstract Co., Ava. Mo.

Good Land Wanted

I will exchange a \$3000 equity in a \$5500 residence in Topeka for good land, at cash value. This property is a 7 room modern house on 70 feet east front lot, with garage, hen house, concrete walks and drive and fine old shade. Good income investment or an ideal home for a family that wants to educate the children. Address

W. S. H., 221 Clay St., Topeka, Kansas.

# Ranches

2560 acre Ranch near Elkhart, Kansas, to exchange for Eastern or Central Kansas farm; also, Ranches in Ness, Greeley and Wichita, Counties at prices below the market. Write us for quotations.

Theodor C. Peltzer Investment Co. IMPROVED irrigated lands, \$60 a. up. Write 534 Scarritt Bidg., Kansas City, Mo.

# ARKANSAS

WRITE Dowell Land Company for bargains in Arkansab lands. Walnut Ridge, Ark, RICH VALLEY FARMS with all new buildings on most liberal terms ever offered valley Park Imp'm't Ass'n, Edwardsville, Ill.

FOR BARGAINS in farms and wild lands in best counties in Arkansas, write E. T. Teter & Co., Sheridan, Ark.

IF INTERESTED IN N. E. ARKANSAS farm and timber lands, write for list.

F. M. Messer, Walnut Ridge, Ark.

F. M. Messer, Walnut Ridge, Ark.

122 A. 4 ml. of Waldron, Co. seat. 65 a. in cuit; valley land; 2 sets improvements; good fruit; good roads. Price only \$25 per a. Frank Bates, Owner, Waldron, Ark.

FSTOP PAYING RENT! Own your own home. Cheaper than renting. Our new plan tells you how. Rick, sure crop land, no rocks or swamps. Free Map. Tom Blodgett Land Company, Desk 3, Little Rock, Ark.

60 ACRES, bench and upland, with 60 cleared. House, barn, orchard, etc. Good neighborhood, 6 miles out. Price \$1,365.00. Other farm lands for sale. Write J. L. McKamey, Imboden, Ark.

Ark. 2 houses, 90 a. cult., good strong foamy land, near school and church; a dandy outlay for farming and stock raising. This is a very beautiful place and a bargain at 3,200, ½ cash and easy terms for bal.

First Nat'l Bank, Horatto, Ark.

Hirst Nat'l Bank, Horatto, Ark.

HORATIO, ARK., at foot hills of Ozarks, offers as wonderful opportunities to investors as any place on earth. \$50 to \$250 per acre made on strawberries, canteloupes, peaches, etc., and yet some of the natives are willing to sell their fine lands at \$10 to \$15 per acre. Think of the great advance in Northern land prices. Our lands not more per acre than there and climatic conditions are better. Southern lands WILL advance. Write us today and prepare for eld age.

First National Bank, Horatio, Ark.

# MONTANA

FAMOUS JUDITH BASIN, MONTANA.

Wonderful grain and stock country, rainfall unfailing, mild winters, delightful summers, healthful climate, crop failures unknown, extra fine stock ranches, natural sifaifa and timothy land, greatest non-irrigated grain growing section in United States, holds record winter wheat and barley. No destructive insects. Write for literature. J. W. Studebaker, State Agent, McPherson, Kansas.

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FREE! FLORIDA HIGHLANDS PROGRESS
Illustrated. Six months' subscription. Write Illustrated. Six months' subscription. Wi Johnson & Tutt, 838 N. L. Life Bidg., Kansas City, Mo.

1 OFFER THE BEST citrus or truck land near good town for \$60 per acre. Lakeland enjoys high altitude, healthfulness and prosperity. 10 acres will care for you.

O. W. Gale, Moulton, Iewa.

# NEW YORK

150 MONEY MAKING NEW YORK farms for sale now at half actual value by McBurney & Co., Bastable Block, Syracuse, N. Y.

105 ACRES, 7 room house, basement, barn, concrete floors, hog house, granary, fruit, Owner says must go \$1350. \$400 cash, balance long time. Hall's Farm Agency, Owego, Tioga Co., New York.

## WISCONSIN

80,006 ACRES cut-over lands; good soil; plenty rain; prices right and easy terms to settlers. Write us. Brown Brothers Lum-ber Co., Rhinelander, Wis.

WISCONSIN FARMERS.

We offer you partially improved farms. Smail house, small clearing, \$30 an a. and upwards. We also will loan you money to buy cows and pigs. Rich soil, good roads, neighbors, schools; near best of markets. Send for free map and price list.

Faast Land Co., Conrath, Rusk Co., Wis.

## 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: Wichits, Kan.; OklahomaCity,

Muskogee, Durant, Okla.; Little Rock, Ark.

# SOUTH AMERICA.

JOIN SYNDICATE forming to take over concession half million acres in Bolivia, South America. Fine land, perfect climate, Great cattle country. Title absolute. Land will not cost syndicate to exceed five cents an acre. Full particulars. Highest references. Address

Box 498, Sawtelle, Calif.

# OKLAHOMA

FINE ALFALFA, grain, dairy, hog and poul-ity bottom farm. 160 acres, lovely home, ols of shade; running water; 70 in alfalfa; 60, wheat. 1½ ml. to high school, Price 114,000. John Rogers, Owner, Jefferson, Okla.

Big Advance Sure

Following this big crop, there is certain to be a sharp advance in the price of farm lands in Oklahoma this fall and winter. It is the time to buy. Buy before the rush commences and get in on the advance. Why not clean up a few hundred or a few thousand dollars profit the next few months? You could not lose and in all probability would gain some easy money. The man who would gain some easy money. The man who wants a farm for a home can never again buy so cheap. I sell only our own lands so you will have no commissions to pay. Come and see me.

Frank Meadows, Hobart, Okla.

# WHAT BREEDERS ARE DOING

FRANK HOWARD, Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and West Okla., 614 So. Water St., Wichita, Kan. John W. Johnson, N. Kansas and S. Ne-braska. 820 Lincoln St., Topeka, Kan. Ed R. Dorsey, North Missouri, Iowa and Illinois, Cameron, Mo. Jesse R. Johnson, Nebraska, 1937 South 16th St., Lincoln, Neb. C. H. Hay, S. E. Kan., So. Mo. and E. Okla., 4204 Windsor Ave., Kansas City, Mo.

PUREBRED STOCK SALES. Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze, Otherwise they will be charged for at regular rates.

### Percheron Horses.

Sept. 13-John W. Wadill & Son, Brashear,

Jacks and Jennets.

Sept. 15-W. H. Ronejue, Atlanta, Mo. Oct. 15-Geo. Lewis & Son, Stahl, Mo.

Shorthorn Cattle.

Aug. 12—Chris Wilson, Glasco, Kan. Oct. 18—E. E. Carver & Son, Guilford, Mo. Oct. 27—Henry H. Kuper, Humboldt, Neb. Oct. 28—E. E. Dowell & Son, Hiawatha, Kan. Holstein Cattle.

Nov 17-Mott & Seaborn, Herington, Kan.

Hereford Cattle.

Oct. 25-26-W. I. Bowman & Co., Ness City, Kan. Poland China Hogs.

Poland China Hogs.

Sept. 1—C. D. McPherson, Grantville, Kan. Sept. 22—L. R. McClarnon, Braddyville, Ia. Sept. 28—J. O. James, Braddyville, Ia. Sept. 28—J. O. James, Braddyville, Ia. Oct. 7—Ed. W. Cook, Pattonsburg, Mo. Oct. 15—O. B. Clemetson, Holton, Kan. Oct. 18—E. E. Carver & Son, Guilford, Mo. Oct. 20—A. F. Blinde and Geo. Brown; sale at Tecumseh, Neb. Oct. 20—H. C. Graner, Lancaster, Kan. Oct. 21—H. B. Walter, Effingham, Kan. Oct. 21—H. B. Walter, Effingham, Kan. Oct. 25—Fred B. Caldwell, Howard, Kan. Oct. 26—Herman Gronniger & Sons, Bendena, Kan. Oct. 27—Fred G. Laptad, Lawrence, Kan. Oct. 28—T. E. Durbin, King City, Mo. Oct. 29—J. D. Gurthet, Fattonsburg, Mo. Nov. 3—J. L. Griffiths, Riley, Kan. Jan. 18—D. C. Lonergan, Florence, Neb. Jan. 21—A. F. Blinde and Geo. Brown; sale at Advurn, Neb. Jan. 25—A. J. Swingle, Leonardville, Kan. Feb. 2—Frazer Bross, Waco, Neb. Feb. 3—H. J. Beall and Wisel Bross, Roca, Neb. Feb. 4—J. A. Godinan, Devon, Kan.

Neb. 14—J. A. Godinan, Devon, Kan. Feb. 11—S. A. Nelson & Sons, Malcolm, Neb. Feb. 15—Herman Gronniger & Sons, Bendens, Kan. Feb. 16—H. C. Graner, Lancaster, Kan. Feb. 16—H. E. Beehy, Hume, Mo. Feb. 17—H. B. Walter, Effingham, Kan. Feb. 18—J. H. Harter, Westmoreland, Kan. Feb. 23—F. E. Moore & Sons, Gardner, Kan. Feb. 27—Ben Anderson, Lawrence, Kan.

Spotted Poland China Hogs.

Sept. 23—Thos. F. McCall, Carthage, Mo. Oct. 6—H. T. Dickerson, Jameson, Mo. Nov. 2—Alfred Carlson, Cleburne, Kan.

## Duroc-Jersey Hogs.

July 22—Dr. C. E. Still, Kirksville, Mo. July 28—A. L. Guthridge, Clearwater, Kan. Aug. 10—Geo. Briggs & Sons, Clay Center, Neb.
Sept. 1—W. W. Otey & Sons, Winfield, Kan. Sept. 2—C. D. McPherson, Perry, Kan. Oct. 19—Geo. Klusmire, Holton, Kan. Oct. 27—Fred G. Laptad, Lawrence, Kan. Nov. 3—Martin Kelley, Verdon, Neb. Nov. 4—E. M. Getchell, Lamont, Kan. Nov. 8—E. N. Farnham, Hope, Kan. Nov. 18—Mott & Sanborn, Herington, Kan. Nov. 18—Mott & Sanborn, Herington, Kan. Jan. 24—Geo. Briggs & Sons, Clay Center, Neb.

Nov. 24—Geo. Briggs & Son., Neb. Neb. 11—J. H. Proett & Son, Alexandria, Neb. 12—J. Layton, Irving, Kan.

Chester White Hogs.

Feb. 24-J. M. Layton, Irving, Kan.

# S. W. Kansas and W. Oklahoma

BY A. B. HUNTER.

Girod's Holstein Cattle.

Girod's Holstein Cattle.

Clyde Girod, Towanda, Kan., has at present perhaps the largest herd of registered and high grade Holsteins to be found in the Southwest and if you contemplate the purchase of either registered breeding stock or high grade Holsteins for dairy purposes it is well worth your time and trouble to visit his herd. He can supply you with practically anything you may need in the Holstein line, from a single animal to a carload and the attractive feature is that Mr. Girod does business. His prices are right, his cattle are right and his methods of dealing are right. His display advertising in this issue will give you further particulars. We invite you to read his display advertising in this issue and note carefully where it says to bring your neighbors, when you visit his herd, and take advantage of his carload prices. The writer is convinced that Mr. Girod can please you, not only in quality and quantity, but in price. When you write or call please mention the Farmers Mall and Breeze.—Advertisement.

# N. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

A. C. Hill's Duroc-Jerseys.

Alex C. Hill's Duroc-Jerseys.

Alex C. Hill of Hope, Kan., is changing his card advertisement in the Duroc-Jersey section of the Farmers Mail and Breeze this week. He is making a speciality of tried sows and glits, bred or open. He also offers 10 extra fine boars. The glits and boars are sired by Uneed Bell Chief. The sows are bred to Chief's Climax. These tried sows and the dams of the young stock offered

## OKLAHOMA

LAND here that raised 20 bu. wheat, 40 bu. oats, with prospects 50 bu. of corn per acre, selling at from \$20 to \$35 per acre Write the Southern Realty Co., McAlester, Okla.

I'M STILL SELLING LAND at \$8 to \$30 per acre. Over 100 farm homes sold to readers of Mail and Breeze in the past ten years. My Free List and Map will interest you. Perry DeFord, Oakwood, Okla.

# **OKLAHOMA**

F. M. TARLTON & CO., will mail you list of farms in northeast Oklahoma. Write them. Vinita, Oklahoma.

# Oklahoma Land For Sale

Good land in Northeastern Oklahoma; price from \$20.00 to \$35.00 per acre. Write for price list and literature.

W. C. Wood, Nowata, Okla.

# PUBLIC AUCTION SALE ORLAHOMA STATE AND SCHOOL LANDS

For further information address G. A. SMITH, Secretary, OKLAHOMA CITY, OKLA.

LIVESTOCK AUCTIONEERS.

FLOYD CONDRAY, Stockdale, Kansas R. L. Harriman, Bunceton, Mo.

ANIMAL PHOTOGRAPHY and eletching: all male. Write for prices. Harry Spurling, Taylorville, ill.

John D. Snyder AUCT., successfully solls pure bred live stock, real estate and general sales. MUTCHINSON, KAN.

Mock, real estate and general sales. MUTCHINSON, KAN. Livestock auctioneer. Write for open dates. Jas. T. McGulloch, Glay Center, Kan. The breeder

Spencer Young, Osborne, Kan. Livestock Auctioneer. Write for dates.

WILL MYERS, Livestock Auctioneer BELOIT, KANSAS. Ask the breeders in North Central Kansas. FOR DATES ADDRESS AS ABOVE.

# Be an Auctioneer

Travel over the country and make big oney. No other profession can be learned o quickly, that will pay as big wages. Next. weeks' term opens Aug. 2, 1915. Are you

**Missouri Auction School** Largest in the World. W. B. Carpenter, Pres. 818 Walnut St., Kansas City, Mo.

Col. E. Walters Oklahoma W.B. Carpenter 818 Walnut St. Kansas City. Me.

Sell your farms and city property at auction, as well as your pedigreed livestock. Write either for dates. Also instructors in

**Missouri Auction School** 

DUROC-JERSEYS.

Duroc Boars and Cilts September farrow \$20 each J. B. Duncan, Flush, Ks. (Shipping Point, St. George, Ms.)

Durocs, Tried Sows Gilts, bred or open. 10 extra fine boars.

A. C. HILL, HOPE, KANSAS.

# TRUMBO'S DUROCS

Choice gilts, bred or open, sired by The Climax, by C A, out of the great row, Doty; also a few fall boars. plgs pairs and trice unrelated, priced reasonable, and faction guaranteed. Wesley W. Trumbo, Peabod

Ash Grove Durocs Choice gilts, bred for September farrow. Fall an pring boars at farmers' prices. Everything guaranteed PAUL SWEENEY, BUCKLIN, KANSAS

DUROC-JERSEYS.

**Rice County Herd Durocs** U need a boar—better buy him now. 7 fine Sept. boars, sired by Good Enuff's Chief Col. and Otey's Dream. From excellent dams. 80 spring pigs. Every hog immune. Write your wants today. G. M. SHEPHERD,

Immune Bred Gilts \$25 Each

Ten classy fall gilts, bred for September farrow, also bred sows. Large easy feeders, very best of breeding. Fall boars ready for service.

JOHN A. REED, LYONS, KANSAS

BONNIE VIEW STOCK FARM Spring pigs for sale, sired by Tat-A-Walla, Kant's Model Enough and A Critic: also three registered Holstein bulls, 6 months to 3 years old. SEARLE & COTTLE, BERRYTON, KANSAS

WOODDELL'S DUROCS September and February boars for sale, priced to move at once. 65 early spring pigs, pairs and trios not related. G. B. WOODDELL, WINFIELD, KANSAS



Johnson Workman, Russell, Kan. **Maplewood Duroc - Jersevs** 

For Sale: 20 fall boars by I Kan't Be Beat and 25 March boars by Geiman's Good Enuff by the 1914 grand champion, Good Enuff Again King. Every hog on farm immunized. Mott & Scaborn, Herington, Kan.

**Howe's Durocs** 

Sows and glits strong in the best blood of the breed and bred to my good herd boars. I am now ready to book orders for early spring pigs, pairs and trios unrelated. Friced where you will buy and be pleased. J. U. HOWE, Route 3, Wichita, Kassas.

# **30 DAYS SPECIAL PRICES**

15 tried sows and gilts at \$30.
3 tried boars at \$40 to \$100.
60 plcked Feb. and March pigs at \$20.
1 tried boar sired by Buddy K. IV.
1 tried boar sired by Defender,
These hogs must be sold in 30 days.
First check for choice. Everything guaranteed right.
R. C. WATSON, ALTOONA, KANSAS



# BANCROFT'S DUROCS

Everything on the farm properly Immunized, No Public Sales, For private sale: fall boars, early spring boars and gilts. Reasonable prices on first class stock.

D. O. BANCROFT, Osborne, Kans. (Shipping Point Downs, Kans.)

# DUROCS 510

Raby boars \$10 February and March farrow, sired by Bell the Boy, the underfested first prize winner at Kan. State, Tenn. State, and the state is the biggest bond boar we have ever used and a strong strike is the biggest bond as the boy, for \$35, All stock immune. Any hog not natisfactor rate boy, for \$35, All stock immune. Any hog not natisfactor and poul turned by paying express one way. Call and see our bog and poul brains. It is section fenced bog tight with two big farrowing barns most accurate equipment and up to date watering system.

ROSS Comb Rhode Island Reds Press Prize winners. 20 incubators and 7 colony broad or stores. 1000 years birds. Also HORNLESS SHORT-HORN CATTLE. Shipping points: Conway, MePhorson, Meders. R. W. BALDWIN, CONWAY, KAN.

# **GEO. BRIGGS' Duroc-Jersey Sale** CLAY CENTER, NEB. **TUESDAY, AUGUST 10th**

We will sell an outstanding offering of spring boars sired by and sows and gilts bred to ILLUSTRATOR 2D.

There are a lot of herd headers among these boars. They are out of the following great sows: Lady Belle, by Crimson Wonder 4th; Miss Friendly, by Cherry Chief; Golden Model Lassie, by Golden Model 4th; and Clay Model, by Lincoln Wonder. The 20 bred sows include 5 tried sows and 15 yearlings. 15 of these are bred to Illustrator 2d, two to Ohio King 2d and three to A King The Col. A yearling sow, by Queen's Crimson and a good one by Smith's Model, both bred to Illustrator 2d, are the kind every breeder wants.

The spring boars weigh around 200 pounds. Everything is immune and in fine condition. All lovers of good Durocs are invited to attend this sale or send bids to Jesse R. Johnson. Write for catalog, today, mentioning this paper.

Geo. Briggs & Sons, Clay Center, Neb.

DUROC-JERSEYS.

### -Hillcrest Farm Durocs-

30 October boars and glits for sale. Also spring pigs, both sexes at wearing time. Popular breeding and popular prices. Give me a trial order.

DR. E. N. FARNHAM, HOPE, KAN.

(Dickinson Co.)

POLAND CHINAS.

SPRINGBROOK POLANDS - D. S. POLLED DURHAMS Young stock for sale; some herd headers. Write for prices. T. M. WILLSON, Lebanon, Kan.

**Big Type Poland China Pigs** Big husky fellows ready to ship. Pairs or trios to related, sired by Smooth Columbus, Mc. Won-r, Big Wonder and Wonder Chief, Farmers prices, rite for guaranteed descriptions. Ed.Sheehy, Hume, Mo.

Big Smooth Polands Breeders of for 17 years. Long Look and Black Orange head head LAMBERT BROS., SMITH CENTER, KAN.

Andrew Kosar, Delphos, Kan. For Sale: One last fall yearling boar, two gilts to farrow in Sept. and Aug.; also March and April pigs, both sexes. No public sales. Address as above.

# **HEDGE WOOD STOCK FARM Leading Big Type Polands**

For the next 60 days we will make special prices on weanling pigs. R. F. HOCKADAY, PECULIAR, MO.

# Fairview Poland Chinas

For Sale: Choice fall boars, some good enough to head herds. Write us for prices and guaranteed descriptions. P. L. WARE & SON, PAOLA, KANSAS

Am Booking Orders for a fancy line of my blue ribbon, reserve champion and grand champion boars, also out of prize winning sows. Satisfaction guaranced. Express prepaid. Start a fancy herd from one of the greatest show herds in existence. W. Z. BAKER, Bleh Hill, Me.

# **Elkmore Farm Poland Chinas**

Large type blood lines. Herd headed by the thou-sand pound Elkmore's Jumbo, assisted by O. U. Won-der, by Glant Wonder, by A Wonder. Breeding stock for sale, reasonable. Fred B. Caldwell, Howard, Kan

# **Enos Mammoth Polands**

3 fall boars; herd headers. 6 of my very best herd sows, bred for early farrow by Mastodon King. 70 spring pigs; best I ever raised, by Orphan Chief and Mastodon King. Size, quality and prices just right. Write today. A. R. ENOS, RAMONA, KANSAS

# Original, Big-Spotted Polands il glits bred or open. Tried sows for sale. Spring either sex. Boar and gilt sale November 2.

Alfred Carlson, Cleburne, Kansas

# **Erhart's Big Type Polands**

A few choice late fall males sired by Orphan Big Gun and Big Hadley Jr. Also a few late October pigs by the great 1200 pound Robidoux. Am now booking orders for spring pigs by these boars to be shipped in June. Send your order early. Address

A. J. Erhart & Sons, Ness City, Kan.



# **Private Sale**

75 big type Poland China boars and gilts of March farrow. Nothing but good ones offered. No public sales. Prices right. Address John Coleman, Denison, Ks.

MULE FOOT HOGS.

Registered Mule Foot Hogs Large, growthy kind. Some choice stock for sale. Write for prices. Freeland & Hildwine, Marion, Kan.

PUREBRED HORSES

One Extra Good Trotting Stallion registered O. G. CALL, MOUND VALLEY, KANSAS

How to Tell Hog Cholera When to Use Serum Alone When to Use Serum and Virus How and When to Vaccinate

In fact everything up to date about hog cholera and serum treatment is in our free booklet.

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Hog Cholera and	Serum	treatment
Name		
R.F.D Town		

are extra fine. If interested in this offering write Mr. Hill and mention the Farmers Mail and Breeze.—Advertisement.

Shorthorn Dispersion Sale.

shorthorn Dispersion Sale.

In this issue will be found the advertisement of Chris Wilson's Shorthorn cattle dispersion sale which will be held at his farm near Glasco, Kan., Thursday, August 12. This dispersion was made necessary because of Mr. Wilson's sudden decision to sell his big ranch and his giving possession September 1. The sale will be held at the farm and everybody attending will be well cared for at Kline's hotel in Glasco. Catalogs are ready to mail upon application to Mr. Wilson at Glasco. Forty-one cows and helfers go in the sale and four bulls, including Victorious King, a wonderful bull with great size and plenty of quality. The other three are splendid sons of this great bull that are 18 months old and very desirable. The cows will be tell head in the sale besides the caives that were sired by him and the cows will be bred back to him. Marquis was a great bull in use in this herd and 13 in the sale were sired by him. Other great bulls that left their stamp on the herd were Cumberland, by Cumberland's Last, and The Rustler, by The Lad for Me and out of the great cow Rusella. This wonderful bull was a half sister to Ruberta, the great show cow, and himself a successful contestant in the show ring, having won in several state fairs as a calf and was shown several times with his famous sister in produce classes. The entire offering is one of real merit and will be sold just as they come off the greas. In building the foundation of this herd Mr. Wilson bought almost regardless of the price. The herd is descendents of many of the best known herd bulls of the West. It has never been ropped and on the other hand the best has been reserved to strengthen the herd. The three young bulls have been priced at prices that looked high, probably, to the buyer with a small lot of cows and the unfavorable conditions early kept them from going any distance from home. After the sale was decided on they were not offered and you will have the opportunity of buying them at your own price. It is your opportunity, Mr.

# N. Missouri, Iowa and Illinois

BY ED. R. DORSEY.

E. E. Carver & Son of Guilford, Mo., will as usual have their Shorthorn cattle and Poland Chinas in fine shape for their annual fall sale, October 18. Mr. Carver is perhaps the best known breeder west of the Mississippi River. Each year he fits up a few for the state fairs and never falls to win. That is a test that assures him he is right. The sale will be held on the Evergreen Stock Farm, out a little ways from Guilford.—Advertisement.

Bargains for Summer Buyers,

Bargains for Summer Buyers.

Fred Chandler, the owner of the big Percheron ranch at Chariton, Ia., is advertising special bargains in Percheron horses for summer buyers. His prices range from \$300 to \$500. These prices cover registered Percheron stallions, 2, 3, 4 and 5 years of age. They are the ton type. All sound and from sound stock. The mares that produced these stallions are doing the farm work on the big Chandler ranch. Many of these stallions are grandsons of the International champion, Pink, and out of Besigue mares. Mr. Chandler also offers a few young mares for sale. Note his new ad in this issue and write him for further particulars, mentioning this paper.—Advertisement.

## Nebraska

BY JESSE R. JOHNSON.

Illustrator 2d Bred Sow Sale.

Blustrator 2d Bred Sow Sale.

Geo. Briggs & Sons' Illustrator 2d sale of Duroc-Jerseys at their farm near Clay Center, Neb., August 10, should interest every breeder of Duroc-Jerseys in the West. Geo. Briggs and his sons are pioneers among the really noted Duroc-Jersey breeders both east and west. Many of the most noted show and breeding boars have been owned by this firm. Red Chief I Am, Improver 2d, Kant Be Beat, Lincoln Wonder and many other noted boars have been owned by this firm, but Illustrator 2d, the great show and breeding boar that was seen at Topeka and many of the leading shows last fall, is without question one of the very best boars they ever owned, if not the best. He is a litter brother to the great Illustrator, owned by Dr. Still and Illustrator 2d was only defeated by his famous brother. At Topeka he was a great favorite, winning first in the aged boar class. In this sale there will be 20 tried sows, 15 of them fall yearlings and 15 of them are bred to Illustrator 2d. There is an exceptionally strong lineup of spring and fall boars out of the great sows in this herd and by Illustrator 2d. The spring boars will weigh around 200 pounds now and are really great individuals. It is your opportunity to buy your herd boar at about half what boars like this will cost you this fall. Send your bids early to Jesse R. Johnson in care of Geo. Briggs & Sons, Clay Center, Neb.—Advertisement.

# S. E. Kan., S. Mo. and E. Okla.

BY C. H. HAY.

Bargains in O. I. C.'s.

Bargains in O. I. C.'s.

If a breeder ever receives a reward or builds up a large trade by sending out good stock at bargain prices it will be F. J. Greiner of Billings, Mo. Mr. Greiner has a herd of O. I. C.'s that rank with any in the state and he sells them at much lower prices than the average breeder. 'His hogs are well bred, carrying a good amount of champion blood, and he guarantees them to be satisfactory. Mr. Greiner is an admirer of good dairy cattle and maintains a herd of good Guernseys, but his hobby is O. I. C. hogs. Whenever you need a good hog of this breed it will pay you to look up Mr. Greiner's ad. Please mention the Farmers Mall and Breese when you write him.—Advertisement.

A little sand would save any back-

SOME \$300.00, your pick 19 head \$400.00, your pick 27 head \$500.00. Bargains for summer buyers. Registered Percheron stallions coming 2, 8, 4 and 5 years old. Biggest and most useful moderate-priced selection in the country. Ton type, some medium, some 2200 lbs. Sound and from sound stock. Grandsons twice International Champion PINK and from BESIGUE mares doing farm work. Young registered mares also for sale. Just above Kansas City. The Fred Chandler Percheron Ranch, R. 7, Chariton, lowa



ABERDEEN-ANGUS.

AberdeenAngus Cattle WORKMAN point 4th. 150624, half brother to the Champion cow of America Johnson Workman, Russell, Kan.

# ABERDEEN-ANGUS CATTLE

Young stock sired by reliable herd bulls for sale, singly or in car lots. See our herd of cows and show herd at Lawrence or write us. Phone, Bell 8454.

Sutton & Porteous, Route 6, Lawrence, Kan.

O. I. C. HOGS

Herd Boar For Sale in July and open. Pigs, pairs and tries. A. G. Cook, Luray, Kan

# **250 CHESTER WHITE PIGS**

Early farrow and very growthy, Chief Select and White Rock breeding, \$20 each during July and Aug-ust, Can furnish pairs not related. Inspection invited. AMOS TURNER, WILBER, NEBRASKA Pleasant Vale Herd

O. I. C. Hogs

Tried sows bred for September and October farrow.
Fall gilts for sale, open. Also a few fall boars. Spring
pigs, both sexes, Chas. N. Snyder, Effingham, Kan-

Choice O.I.C.Pigs

AT REDUCED PRICES.

Spring pigs, \$12 each, \$23 per pair; \$33 per trio. Bred gilts, \$20 to \$25 each. Have spring boars, no kin to gilts or sheir pigs. Bred sows, \$30 to \$35. My herd carries prize winning blood and represents the most popular strains in the courtry. Each individual guaranteed to satisfy.

F. J. GREINER, BILLINGS, MISSOURI

Hazlewood's Berkshires W. O. HAZLEWOOD, WICHITA, KANS

**High-Class Berkshires** Winter and spring pigs of either sex and outstanding boars a specialty. Write J. T. BAYER, VATES CENTER, KANSAS

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Cholera Immune. 159 sows bred to Fair Rival 10th, King's 4th Masterplece, Truetype, King's Truetype, and the great show bone King's 10th Masterplece. All long, large and heavy boned. Sows farrow serry week from March 1 to Dec. 1. 80 bred sows and gilts to farrow soon. Open gilts and boars ready for service. Not a poor back or foot. Every man his money's worth. E. D. KING, Burlington, Kansas.

# **Sutton Farm** Berkshires

The Greatest Winners of 1914

Winning at the five leading state fairs, Missouri, (inter-state) Iowa, Nebraska, Kansas and Oklahoma where are held the largest swine shows in the world—over 100 Championships, firsts and seconds, including Grand Champion Boar Prize at each show on the 1000-pound DUKE'S BACON.

Herd headers, foundation stock and show yard material our specialty.

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REGISTERED HAMPSHIRES 150 gilts and boars, all bescription guaranteed. C. E. LOWRY, Oxford, Kan.

C. T. Drumm & Sons, Longford, Kan. Breeders of Hamp-Spotted Polands. 4 Nov. Hampshire boars, 215 each. Spring pigs, both sexes and breeds. 1 yr. bull. Address as above.

For Hampshire Hogs, Dutch Belted Cattle, Arab Stallion GESSE FRATHERS, WRITE b. W. WEISENBAUM, ALTAMORY, KANSAS.

Shaw's Hampshires prices. All nicely believed. guar-anteed WALTER SHAW, R.S. Wichita, Kan.



HAMPSHIRES Best of blood lines, well trios, with young boar to make gilts. Breeding sto at all times for sale. Satisfaction guarantee S. E. SMITH, LYONS, KANSAS.

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FOSTER'S RED POLLED CATTLE Write for price on breeding cattle C. E. FOSTER, R. R. 4. Eldorado, Kansas.

RED POLLED CATTLE BEST of BLOOD LINES and cattle that will please you. Cows, heifers and young bulls, at attractive prices. I.W.POULTON, MEDORA, KAN.



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Registered horned and double standard polled Hereford Bulls For Sale
Also a few horned heiters. JOHN H. LEWIS, LARRED, KARS.

# **Homestead Stock Farm**

We have a few extra fine Hereford Bulls for sale and twenty cows. Get our herd cat-alog. J. J. EARLY, Box B-186, Baring, Mo.

DAIRY CATTLE.

HOLSTEINS A few choice registered young bulls for sale at prices that are right. Higginbotham Bros., Rossville, Kansas.

HOLSTEINS Bull calves better than ready to use. H. E. COWLES, TOPEKA, KANSAS.

REGISTERED HOLSTEINS 1 yearling and one five months old buil, by Shadybrook Gerbon Sir Korndyke, Write further information. BEN SCHNEIDER, Norteaville, Kas.

**QUIVERA PLACE JERSEY CATTLE** Duroc-Jerseys. 3 young bulls of choice breeding for sale. Address E. G. MUNSELL, Herington, Kansas.

MAPLEWOOD HOLSTEINS Herd headed by Canary Butter Boy King. You are nvited to visit our herd of Holsteins. Write for gen-ral information, as to what we have for sale. Mott & Seaborn, Herington, Kansas

HOLSTEIN BULLS—DUROC-JERSEYS Holstein bulls, six months to 3 years old. Also fall gilts, Very reasonable prices. Bonnie View Stock Farm, Berryton, Kansas, or 1429 Topeka Ave., Topeka, Kansas.

Holstein Cattle Herd headed by a grandson of Pontiac Korndyke. Assertage record of dam and sire's dam, butter 7 days, 25.4 pounds, 30 days 117.3 pounds. Bull caives for gale from extra good producing dams.

IM. EWING, INDEPEMBERCE, KANSAS

Maplehurst Guernseys!

Choice registered and grade cows and heifers for sale. A registered herd bull for sale or trade. A. P. BURDICK, NORTONVILLE, KANSAS

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Premier Register of Merit Herd, Est. 1878. For sale at farmers prices noted Golden Fern, herd bull of proven quality. Greatest official butter tests.

B. J. LINSCOTT, HOLTON, KANSAS

# SUNFLOWER HERD **HOLSTEIN-FRIESIANS** Young service bulls and bull calves from A. R. O. dams at prices never before offered. F.J.Searle, Oskaloosa, Kan.

Some of the best Holstein breeding stock can be purchased at the

TREDICO FARM, KINGMAN, KAN. PRODUCTION, BREEDING, Tuberculin Tested Herd

A Fine Registered Jersey Buli two past, weight 1000 lbs. sire, Benedict St. Lambert; dam, Financier's Fride, her dam, Financier Counters (185109). One of the greatest butter cows (285 lbs. in one, year. This bull is a fine looker, fawn color, dark tips. Will reasonable. C. B. Amyx, Chanute, Kansas

PURE BRED HOLSTEINS

Herd headed by Sir Julianna Grace DeKol. Dam, semi-official record one year, milk 22,087 pounds, butter 924 pounds. Sire's dam, semi-official record, one year as three year old, butter 1,026 pounds; three years consecutive 3,000 pounds. Bull calves for sale. SHULTHIS, ROBINSON & SHULTZ, Independence Kan.

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SOLD OUT will have some choice young males and females to offer about August 1,1915. Accordial invitation is extended to anyone wishing to visit the farm. OVERLAND GUERNSEY FARM, OVERLAND PARK, KANSAS

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Willowbrook Farm Herefords and two-year-old heifers for sale. Also a choice lot of young bulls. B. M. WINTER, IRVING, KANSAS

HEREFORDS — POLANDS Herds established fords. 90 spring pigs, and 18 bells, II to 13 months old, for cale. S. W. TILLEY, IRVING, KANSAS

Sedlacek Herefords! A nice of young bulls for this fall's trade. Address, JOS. F. SEDLACEK, BLUE RAPIDS, KAN.

PRESTON HEREFORDS Herd established in 1881. Come to Marshall county i Herefords. Address F. W. PRESTON, Blue Rapids, San

Choice Two-Year-old Bred Reifers and a Feb. bull for sale. Also 10 spring bulls. Address, GEO. E. MILLER, Blue Rapids, Kansas

B.E. & A.W.Gibson, Blue Rapids, Kas. Breeders of Hereford cattle. For sale: a good 10 months old bull and some choice young bulls. Address as above.

Home of Parsital 24th Wa about a good herd bull. 25 spring bulls for this fall's trade. C. G. STEELE, BARNES, KANSAS

FIVE YEARLING BULLS FOR SALE!

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. SHARGHWEBST, Axiall, Rassan

7 Bulls For Sale Coming two years old. Big and w. B. HUNT & SON, Blue Rapids, Kansas

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For Sale—4 Jersey Bulls sired by Lorne, out of St. Lambert bred caws. Ready for service. C. H. MILLS, Waterville, Kansse

2 Yearling Jersey Bulls Grandsons of Silverine's Lad, out of 1100 pound cows. Best out of 50.Farmers prices. Joseph Krassy, Waterville, Es.

JERSEY BULL By a grands on of Golden Fern's Lad, out of a 500 pound caw. Price \$50. Durac-Jersey spring pigs for sale. B. N. WELCH, Waterville, Kans.

HOLSTEINS Cows and helters for sale.

Registered and grade. Address

LACKLAND BROS., AXTELL, KANSAS

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Dr.P.C. McCall, Irving, Kansas shorts horns

Eight Bulls reds and roam Write for prices. G. F. HART, Sum

Shorthorns, Polands 1 yr. bull for sale, and April boars. A. R. Garrison & Son, Summerfield.

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Registered Hampshires Choice Spring pire, Pales not related. True a web priced right and antifaction guaranteed. P. B. Wempe, Frankfort, Kamena.

POLAND CHINA HOGS.

Albright's Polands !\*\* gilts. 12 last fall gilts. 34 March and April boars and gilts. A. L. ALBRIGHT, WATERVILLE, KAN.

COPELAND'S POLANDS For Sale: 14 Sept. gilts bred to yopr order. 40 March and April pigs. Address E. E. COPELAND, Waterville, Kansse

DUROC-JERSEY HOGS.

Red Polls, Duroe-Jersey, and 6. l. C. hops. Boars of both breeds at reasonable prices. Breed now sale. Feb 24. J. M. LAYTON, IRVING, KAN.

10 September Gilts bred for fall boars and gilts by Blustrator, 40 March and April pigs. A. B. SKADDEN & SON, Frankfort, Kanssa

W. J. BARRISON AXTELE, KAN. Red Polled cartle, Duroe-Jerse ys and white Leghorns. Breeding stock for sale. Correspondence in vited.

Bred Sows and Gilts for Sept. and Oct. Far-boars. A nice lot of March and April pigs. Address HOWELL BROS., HERKIMER, KANS.

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Plymouth Rocks Barred (Thompson strain) an white. Stock for sale. Eggs it season. Address JOHN BYRNE, Axtell, Kansa

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Jesse Howell, Herkimer, Kan. of Howell Bros., breeder can make you money on your next sale. Write for dates

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# 225 Head From Which to Select

If You Want Registered or **High Grade Holsteins** 

# **We Can Please You**

150 cows and heifers safe in calf to bulls strong in the blood of the best milking strains.

3 High Grade Holstein heifers and a registered bull for \$375; others cheaper.

2 Registered cows in milk and fresh this fall with registered bull, \$600.

Registered bulls from calves to 24 months old. The grade females of this herd are most all crossed and re-crossed with purebred bulls until practically pure in the great strains of milking Holsteins.

Special and very attractive prices on young heifer calves.

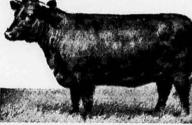
If you want dairy cattle come and let us show you the kind you have been looking for and at prices you can well

Bring your neighbor along, or two or three neighbors and let us fit you out with a carload at carlot prices. Bring your dairy eattle expert. The better judge you are of Holsteins the easier we can deal. These cattle must sell, they are priced to sell; come and get first choice.

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175 Head of Shorthorns Blood of the best the

50 HEAD MUST SELL IN 60 DAYS. Here is the Bargain Counter for the man who expects to start in the Shorthorn business. All Kinds of Shorthorn Breeding Stock from which to select— Cows, Helfers and Bulfs, cows with calf at side others due to caive soon. Included are grandsons and daughters of such sires as Avondale, Prince Oderic and other noted sires. If you want Shorthorns come now. Write, wire or phone me when to meet you at Peabody either Rock Island or Santa Wo Depot.

M. S. CONVERSE, Peabody, Kansas

# 300 HEAD FROM WHICH TO SELECT

BULLS, a single herd header or car load, cows and helfers, foundation stock from the very best families and strong in the blood of the most noted sires. Satisfaction guaranteed. Write or wire today when you will come.

H. C. LOOKABAUGH, WATONGA, OKLAHOMA



SHORTHORNS.

two-yr-old, 4 yearlings and 1 long yearling. Reds

Pure Bred Dairy Shorthorns Double Marys (Flatcreck Strain) and Rose of Sharon fam-files. Registered Poland Chinas. Breeding stock for sale. Address R. M. ANDERSON, Belott, Kansae

Shorthorn Bull

C. E. HILL, Toronto, Kansas

When writing to advertisers please mention the Farmers Mail and Breeze.

GALLOWAYS.

Shorthorn Bulls For Sale! CAPITAL VIEW GALLOWAYS Bulls from 6 months to 2 years; also a few fems of modern and quick maturing type. G. E. Clark, Topeka, Kan.

POLLED DURHAMS.

Double Standard Polled DURHAMS

# **SHORTHORN** DISPERSION

An unusually strong offering of Shorthorn cattle, that marks the closing out of one of the strong herds in central Kansas. At Mr. Wilson's farm near

# Glasco, Kan. Thursday, Aug. 12th

There will be 41 cows and heifers in the sale and four bulls. The cows and heifers represent the best of Shorthorn families and all of the cows will have calves at foot or show heavy with calf. The calves are by Victorious King, a bull with wonderful scale and quality. Victorious King is included in the sale with three of his sons that are 18 months old. They are reds with plenty of scale and very desirable.

In assembling the foundation of this herd Mr. Wilson attracted considerable attention because of the high quality of his purchases. The Rustler, a son of Rusella and a half brother to the champion Ruberta was purchased by Mr. Wilson at a long price in the Harry Little dispersion sale. Much of the offering are descendants of this great breeding and show bull. Three other noted bulls contributed in building the herd. Mr. Wilson's sudden decision to sell his ranch made this sale necessary in order to give possession September 1. It is your opportunity. Ask for the catalog today. Address

# CHRIS. WILSON, Glasco, Kansas

Mention the Farmers Mail and Breeze.

Fred Reppert, Auctioneer.

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# Big Bull Tractor Made Remarkable Showing at Hutchinson Demonstration Two Big Bulls Plowed 50 Acres in 27 Hours

The thousands of farmers who attended the Tractor Demonstration held at Hutchinson, Kansas, last week had their eyes opened when the Big Bull Tractor went into the field. Not only did the Big Bull demonstrate that it had ample draw-bar power to plow, and plow deep, and plow fast, but it also proved that it was the practical one-man outfit. This being due to the bull wheel and guide wheel running in the furrow, making the Big Bull positively self-steering. The Big Bull proved that it could do all the work, draw-bar or belt work, large or small, on every farm, and do it at less cost and quicker than man power or mule and horse power.

# Satisfied Big Bull Owners in Kansas. Oklahom

You can safely judge any tractor by its popularity. The three states men-tioned in the headline, can boast of 500 progressive farmers who own and operate Big Bulls. Here are the names of a few, who have written us letters of recommendation. A copy of these letters will be gladly sent you.

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Thos. Day, Girard, Kans.
Crumley & Son, Colby, Kans.
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W. W. Webb, Fargo, Okla.
Ray Miller, Lyons, Kans.
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W. E. Herr, Ellis, Kans.
D. C. Coley, Fargo, Okla.
Walberts & Timberlake, Columbus, Kans. L. J. Austin, Great Bend, Kans. H. L. Nemeyer, Quinter, Kans, We can furnish you names of all the 500—space does not permit of more

names being printed here.

# Two Weeks Ago A Solid Trainload—270 Big Bull Tractors Reached Kansas City

Another evidence of the demand that exists among Kansas, Oklahoma and Missouri farmers for Big Bull Tractors. This trainload of Big Bulls, 270 of them, are by this time on the farms of the Southwest, aiding the farmers to do better work, quicker work and more work at smaller cost.

# You Need A Big Bull Tractor—Place Your Order Now

There is the plowing to be done, the discing, the harrowing, the seeding, the road grading, and road dragging, the hauling, the silo filling, the threshing, the wood sawing, the grinding, the hay baling-all these tasks and many others, the Big Bull Tractor will perform quickly, efficiently and economically.

# No Other Investment You Can Make Will Pay You As Big Returns

The Big Bull Tractor is priced at \$585 f. o. b. Minneapolis—this means about \$625 delivered to your station—this will vary in accordance with freight rates. We have dealers everywhere. Some of them have Big Bulls in stock for immediate delivery. Get your Big Bull now—so you may start making every acre of your farm produce more revenue.

TWO BIG CIRCULARS FREE write us today for copies of these two big circulars. One is a complete description of the Big Bull. The other gives 25 logical reasons why you should buy a Big Bull and testimonials from farmers who own Big Bulls. Write us today.

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