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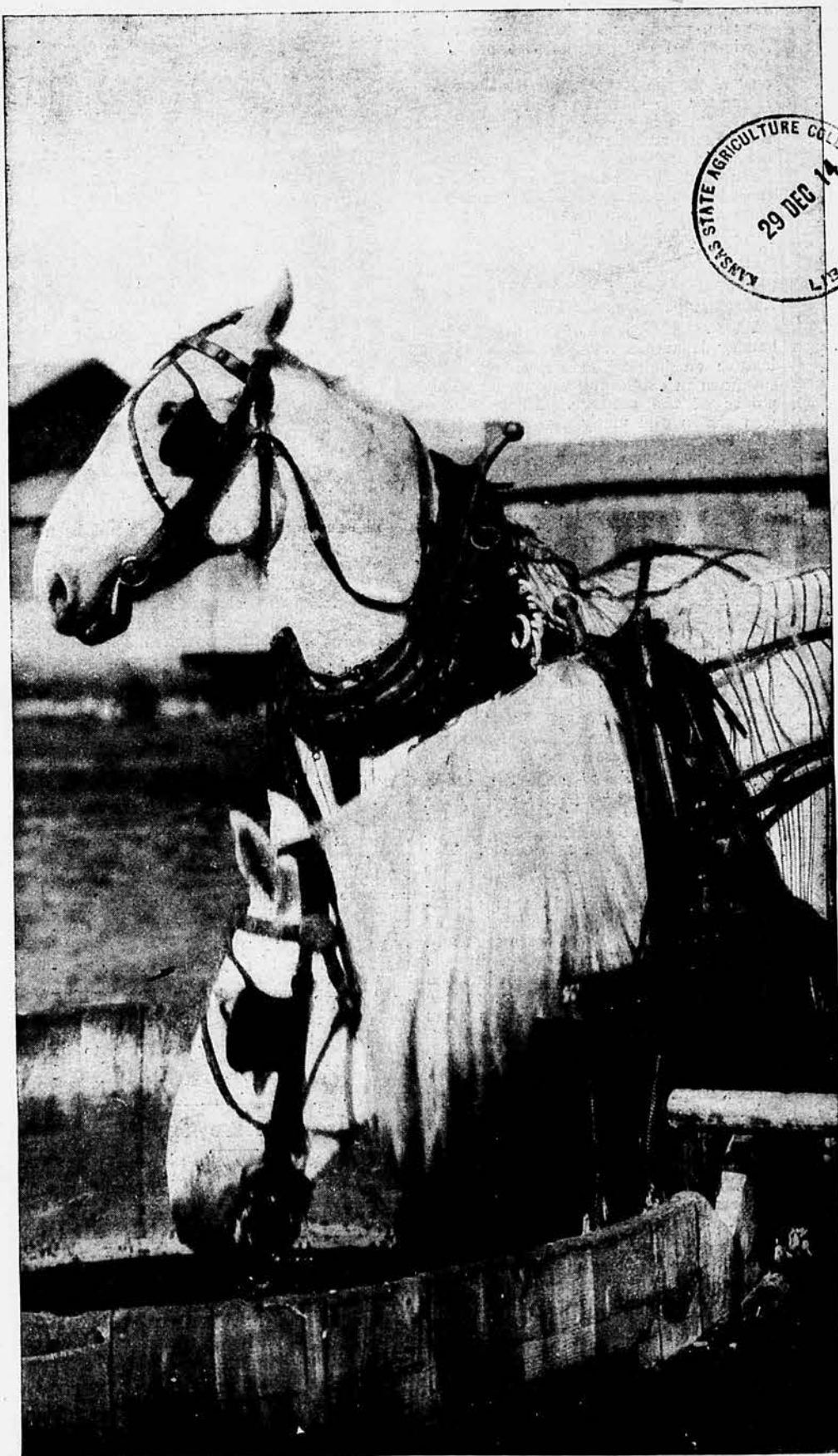
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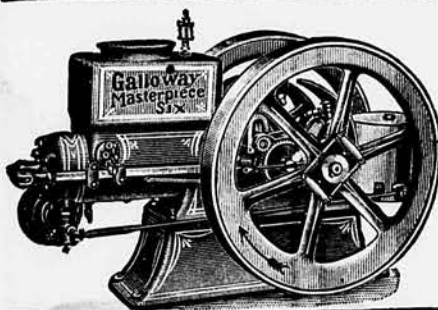
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A "Glad to Meetcha" Event

BY JOHN F. CASE.

"Get acquainted with your neighbor, you might like him," is a slogan that could profitably be adopted by both town and country. And the more widely one can extend his acquaintance the more likely is he to believe that the earth is inhabited by men and women worth knowing. The second annual Interstate Agricultural and Industrial congress at St. Joseph, Mo., December 9 to 12, was a get-acquainted meeting for the farmers of four states. Every farmer who visited the congress was tagged with a badge bearing his name and address. Just as I have seen old soldiers at a reunion, peering at a name and then saying, "Howdy, comrade, how's Iowa—or do you still live there?" I saw men looking for state names on the badges at St. Joseph. Then followed handshakes and talks about the crops and the methods of farming in the section each came from. And in every hotel, at the depot, and on the street while the congress was held little groups of yellow-badged men could be found. It was a great get-acquainted meeting.

Kansas had a large part in making the Interstate congress a success. H. J. Waters, president of the Kansas State Agricultural college was vice president. Dean W. M. Jardine delivered an address on "What the Experiment Stations Are Doing for the Farmers," and showed that where there is co-operation between the college men and the men who farm, really helpful things have been accomplished. Dean Jardine said that never before had the farmers been so eager to receive help from the experiment stations, and that the agricultural experts are aiding them in every possible way. Stereopticon slides were projected to illustrate a number of interesting experiments at the Kansas Experiment station.

W. A. Cochel, head of the animal husbandry department at Mannattan, gave a lecture on judging cattle, using a live specimen in explaining the good and bad points of the animals. Much interest was shown and many persons were unable to crowd into the small room. The boys, especially, were eager questioners. Mr. Cochel answered every question in a courteous and helpful manner and his lecture was considered one of the best on the entire program. Another Kansan, Dr. C. W. McCampbell of the animal husbandry department at the agricultural college, talked on horse judging, using a fine big Percheron mare in pointing out the good points and the defects. Doctor McCampbell emphasized the fact that many imperfections among horses are caused by improper breeding, and urged the stockmen to pay more attention to the sires and dams of their colts.

The members of the Kansas delegation to the farm congress came chiefly from territory tributary to St. Joseph. Many fruit men from the sunflower state went especially for the apple show, but remained to listen to helpful lectures on pruning, spraying and marketing. The program as a whole probably was the best ever put on in the West in the interests of agriculture. It was noticeable for its practicability and lack of oratorical display. There were men and women of national reputation in the agricultural world at St. Joseph but the message was given in a plain, simple heart-to-heart manner. And that is what the farm folk want.

In addition to soils and crops, livestock and general farm work, the problem of rural schools and the need for social centers were discussed. Probably no lecture so stirred both town and city folk as did the Porter school lecture by Marie Turner Harvey of Kirksville, Mo. Something of the work of Mrs. Harvey has been told in the Farmers Mail and Breeze. It is the story of the model rural school that has also become a community social center. W. C. Brown, an Iowa farmer and railroad man, talked on rural credits. He believes that out of the great mass of suggestions some plan will be found soon.

The farm congress at St. Joseph should be an annual event. It offers an opportunity for many persons who are unable to attend the farmers' week meetings at the various agricultural colleges to obtain valuable information. Railroad facilities are excellent; the auditorium is an excellent meeting place and no more hospitable people can be found than those who live in "the city worth while." An agricultural and horticultural exhibit would add much to the con-

gress and would more than double the attendance. Whenever this feature is added St. Joseph will have an annual event the farmers of Kansas, Iowa, Nebraska and Missouri will look forward to throughout the year.

Listing to Save Moisture

We have an opportunity to get our ground in condition to retain for next year's crop the moisture that falls this winter, now that most of this season's farm work is out of the way. If this opportunity is overlooked or neglected we farmers of western Kansas will have no reason for complaining if we fail to grow a crop in 1915.

Recent rains have moistened the ground to such a depth that the lister works well. Land that is listed now and left rough, will take in all the rains and melting snows of winter. This moisture will go right down into the subsoil and be stored for the use of future crops. If the ground is left level the soaking will be uniform all over the surface, and the moisture will not be protected from evaporation as will be the case where it gathers in the furrows and soaks under the ridges.

We had a few furrows open before the recent rains. Here the ground is moist down for 18 or 20 inches. Where the ground was smooth the moisture went down only 9 or 10 inches. On this ground the evaporation is from the whole surface. If we have a dry winter this moisture will almost all be wasted, while a large share of it will be retained in the listed ground.

H. Willis Smith.

Garden City, Kan.

Congratulations From Illinois

COLONEL C. F. MILLS
In The Farm Home

The farm press of the United States will join with The Farm Home in heartily congratulating the farmers and the other patriotic citizens of Kansas in their wisdom in making Arthur Capper the chief executive of their great commonwealth.

Governor-elect Arthur Capper, of Kansas, is noted for his active, earnest and effective work in promoting the agriculture of his state.

The farmers of Kansas have not been slow in manifesting their high appreciation of the patriotic services of Governor Capper.

The following eloquent reference to agriculture by Governor Capper confirms the opinion of all who have the honor of his acquaintance that he can be depended upon to serve the agricultural interests of his state and nation:

Agriculture is the material basis of our prosperity, of our existence, even. It is permanently the most indispensable business of man. It is, therefore, the business of greatest dignity.

It is not the most profitable occupation, and by no means the least profitable. It is, however, the safest, most dependable business in which an intelligent and industrious young man can engage.

As our population increases, and as farming methods improve, farming will be more profitable than it has been, but farming will in the future require increasingly greater intelligence and skill. A young man of character and education will live a fuller, richer life on the farm than in almost any other business or profession.

No young man need fear that farming is beneath his powers. He will never learn all there is to know about agriculture.

Our country can only continue to be great, and to become greater, if our agricultural population be prosperous, industrious and virtuous.

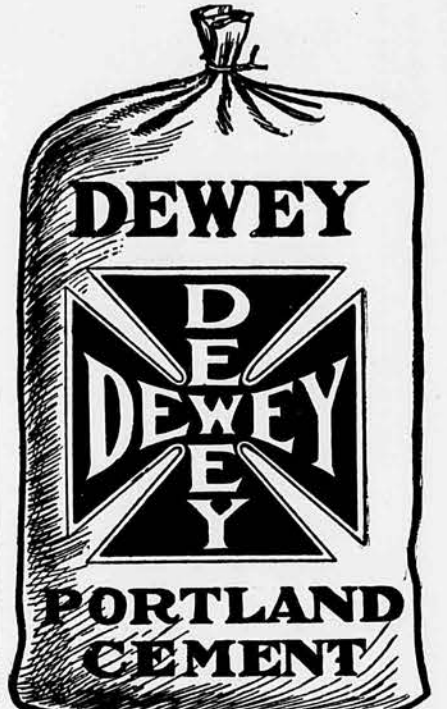
Horses Have Eczema

Can you tell me what is the matter with my horses? They rub on everything they can reach. Their hair is rough and their manes and tails are full of scurf or dandruff. I have examined them and find only a few lice. Do you think the lice cause them to rub or is it due to some kind of mange?

J. S. W.
Reno County, Kansas.

I believe your horses are affected with the dry form of eczema, frequently spoken of as "scaly skin disease." Wash every animal with 1/2 gallon of lukewarm water to which has been added 2 ounces of carbonate of soda. The animal should be dried thoroughly after it is washed. If the wash seems to produce too much irritation it may be washed a second time with soap and water. I recommend that you give the animal this preparation: Fowler's solution of arsenic, 1 pint. One ounce of this should be given in the feed every day.

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



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THE FARMERS MAIL AND BREEZE

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



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Hog Killin' Days

Here's the Annual Story of Meat Supplies Which Every Kansan Should Have

By Turner Wright, Livestock Editor

FARMERS will find it profitable this year to cure meat for the home and the market. The price offered for fat hogs in the large packing centers has been reduced until, in most cases, it no more than pays the cost of production. There is not much remuneration, considering the prices that have been paid for grain the last year, in selling hogs on the present market basis even when the cheapest and most rapid gains have been obtained. If as many hogs as can be handled successfully are butchered at home and the meat cured on the farm the producer will get the profit that otherwise would go to the packing companies, and at the same time have meat of a better quality for his own table.

Most of the hogs raised in the corn belt are farrowed in the spring and marketed in the late fall and winter. This usually is the season of lowest prices as buyers take advantage of the heavy runs. Packers are predicting 6 to 7 cent hogs for the remainder of December and January, and since they make the prices, with apparently no competition except on the downward scale, their predictions are likely to come true. There is no indication, however, of lower priced meat to the consumer. The increase in meat exports caused by the European war probably will raise the price of cured meats in this country. One thing is certain. Not much money will be made by selling hogs for 6 or 7 cents a pound this winter and buying meat next summer.

It is an established fact that meat properly cured at home is superior to that cured at the packing houses. The time in which hams and bacon must be cured and smoked in the packing house is too short for them to develop the flavor characteristic of the country cured product. Men who have established a reputation for their home cured meat have no trouble in selling all they do not need for their own use. First class country hams always sell at a premium.

The two chief drawbacks to home butchering have been the lack of experience or knowledge of good curing methods and the hard work connected with the task. There is no need of making "hog killing" day a day of drudgery

if good sharp knives, well arranged equipment, and good help are provided. Did you ever notice that often half the time and labor required for butchering day on some farms is saved on others by the condition and arrangement of the necessary equipment? One essential that often is neglected is to have everything ready when the work starts. The thoughtful man will have this done and not cause unnecessary delays by lack of preparation.

Efficient help is one of the most important considerations in most places. It is the custom, in many communities, for farmers to exchange work at butchering time. This plan should be encouraged as it insures more efficient help than usually can be hired. Another advantage is in the fact that the men soon learn to work together. Every one adjusts himself to his particular task and the work is pushed with rapidity and precision. If help must be hired one should be careful to select men who do not shirk and who know how to do the work.

A substantial, convenient smoke house that can be kept clean easily ought to be one of the assets of every farm. The

hogs can be handled with more dispatch and less labor. Some mechanical device should be used for raising and lowering the hogs in the vat and for lifting them to the rack. If the hanging rack is equipped like those used in the smaller packing houses it will save much heavy lifting.

It is best, when possible, to heat the water with a steam boiler as the temperature can be regulated more easily. If this cannot be done some other method can be employed. The important thing is to have plenty of hot water.

The best time to kill hogs is when you can select a clear, crisp day when cooler days and nights are likely to follow. It should be cold enough for the meat to cool thoroughly but it is better if it does not freeze. The butchering should not be done too late in the winter. It takes about six weeks for the meat to cure and it should be smoked and sacked before warm weather comes. Probably the safest time to kill will be during the last week in November, in December, or the first two weeks in January in this part of the country. Healthy hogs of a good handy size

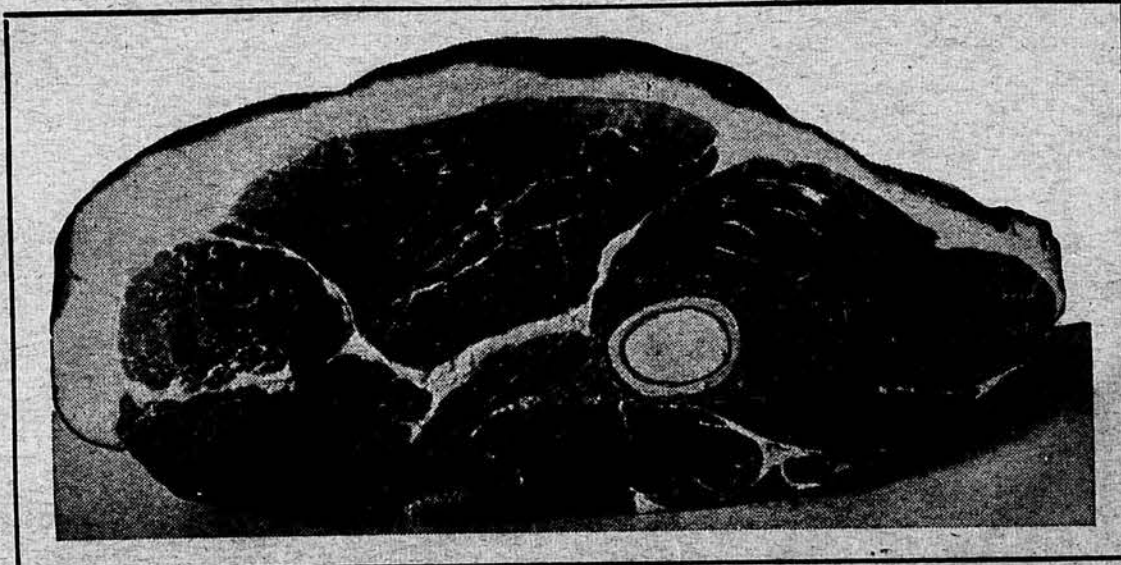
will weigh from 28 to 30 pounds. The two shoulders will weigh about 24 pounds and the two sides from 26 to 28 pounds. There will be about 35 or 40 pounds of head, backbone, feet, and ribs, about 15 pounds of sausage, and approximately 30 pounds of lard.

Have the water hot before starting to butcher. About 160 to 190 degrees Fahrenheit gives the best results. A few degrees cooler will do and is recommended by some but a quick scald is better. One soon can learn to know, by feeling the water, when it is the right temperature. Be careful not to plunge the hog into water that is too hot and thus set the hair. The hog should be raised and aired a little, after it has been in the water a few moments, as this will give a better scald. It is also a good plan to put a few handfuls of wood ashes in the water to neutralize the grease.

A good scalding will clean the legs, ears, head and jowl and remove the horn from the toes as soon as the hog

comes from the vat. This nearly always can be done with the hand after a little practice, better than with the knife or scraper. The heads ought to be taken off, washed, and recleaned in a separate kettle of clean, hot water as soon as the

(Continued on Page 19.)

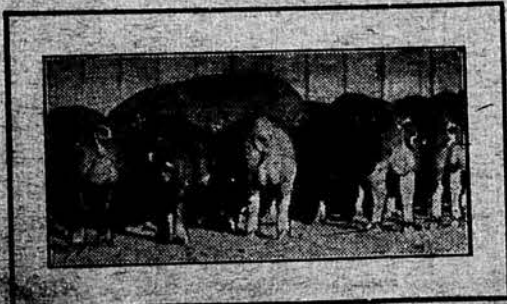


smoke house can be made so it can be used for storing the meat as well as for curing and smoking it. It also is a good plan to have a permanent scalding vat, scraping platform, and hanging rack. The time and work saved in preparation will pay for these conveniences many times.

The scalding on most farms is done in a hoghead or large barrel set leaning against a platform at an angle of about 45 degrees; the water is heated in iron kettles; and the hogs are handled by "main strength" and hung with the ordinary gambrel stick and pole. These methods take a lot of time and heavy lifting and make the task needlessly hard. It is much better, especially if many hogs are killed, to have a well equipped scalding vat and rack so the

should be selected. The most desirable hogs will be neither too fat nor too thin and will range in weight from 200 to 250 pounds. If considerable lard is wanted a fatter hog than would be used for the best grade of meat can be selected. A hog weighing from 200 to 250 pounds makes the nicest hams for the average farm family, but if the family is small a hog weighing from 180 to 200 pounds can be used to good advantage. Pigs farrowed the previous fall make the best heavy lard hogs, but March and April pigs generally are preferred. Smooth barrows and gilts make the best meat but gilts should not be killed when they are in a restless condition.

A 200-pound hog will dress about 160 pounds. The two hams



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The Farmers Mail and Breeze

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T. A. McNEAL, Editor.

A. L. NICHOLS, Associate Editor.

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Passing Comment—By T. A. McNeal

Do Not Approve of Imported Wives

A few weeks ago a lone bachelor of Mullinville, Kan., suggested through the Mail and Breeze that the United States government should arrange to bring over a lot of marriageable Belgian girls who will be denied the opportunity to marry on account of so many of the young men being killed off in the war. The matter seems to be exciting considerable interest, judging from the number of letters I am receiving.

"A Kansas Maid" from Morland, Kan., writes that in her opinion the Mullinville bachelor would stand a poor show of getting a Belgian girl even if such an arrangement were made, because if he had the necessary amount of sand he would get a good Kansas girl and have no need to send for a daughter of war stricken Belgium. Either that, she says, or else he is "too much of a tight wad to want to support a wife."

Writing from Granite, Okla., "Oklahoma Girl" says: "I have never seen many old bachelors who did not want to marry, while I surely would pity some of their wives if they are as cranky as some bachelors I have known. So far as the powder and paint are concerned I have seen a number of boys and bachelors who use powder and paint and a great deal of it, too. I do not think there is any need of raising a fund or forming a club to bring over girls from Europe. There are just numbers of girls in the United States who would be glad to marry if they could get anything like respectable husbands."

A bachelor from Alta Vista sends in the following description of his experience and also a solemn warning to the Kansas girls who treat the bachelors with disdain. He says: "I am a bachelor myself. I find that 'Mr. True Bachelor' of Mullinville is about right. If a man tries to go with any girl and he hasn't an up-to-date swell rig, then there's nothing doing. There are in this neighborhood about 25 or 30 bachelors, all well-to-do and they are not tight wads either. Whenever there are parties and such like they are just left out but if there is a pie social or a box supper at the schoolhouse you will see that it's the bachelors who run up the price of pies and boxes."

"Now I don't blame a bachelor for wanting a helper. I myself have not given up hope yet, though I am not a spring chicken any more. There are some nice girls all over Kansas but they seem to have a mistaken idea of their importance. There will be old maids a-plenty as well as old bachelors if they don't change their ways. Etiquet requires that a girl must speak first when she meets an acquaintance on the street, but there are so many girls who don't seem to know anybody when they pass along the street that it is just like being in a strange place so far as the girls are concerned."

"If the girls would do their share there would not be half so many bachelors as there are at present. Most of the girls would rather live in town. I would not. I am a farmer. I expect to stay on the farm as long as I can manage one. Some farmers' wives have a hard life as I know from observation. They are chore girls and cooks—that is about all they amount to and all their husbands have them for."

"I would like to get Mr. 'True Bachelor's' address. I would like to write to him about some of his ideas concerning European girls for American farmers."

The Torrens Land Transfer System

I am of the opinion that I was a trifle rash in promising to write an editorial that would be supposed to enlighten my readers fully on the Torrens land transfer system. I find that there has been so much discussion pro and con on the subject that in order to gather up all the information I ought to have to discuss the question properly, I would need to read for a month instead of giving it the few hours' attention that I have been able to give it.

Sir Robert Torrens was born in England in 1814 but when a comparatively young man moved to Australia. Being both a land holder and ship owner he became interested in the question of transfer of titles to both personal and real property. He was struck with the ease with which personal property of vast value could be transferred and the tedious and expensive methods in vogue for transferring title to real estate.

This caused him to work out the Torrens land transfer system which was first introduced in Aus-

tralia in 1858. In 1870 the system was adopted in New Zealand and some other British colonies. In 1883 it was introduced in the provinces of Ontario and Manitoba, Canada. It was adopted in the states of Illinois and Ohio in 1896 and has since then been adopted in California and a few other states.

Briefly, the Torrens system is this: Titles are examined by an officer supposed to be an expert on titles, down to a certain time. He makes a certificate showing in whom the title is vested at that time and such certificate is filed and recorded.

A copy of registered certificate is issued to the owner of the real estate and upon this certificate all notations of lien or other interests which in any way affect the land are stated. No interest in the land can be made a lien on it until so stated on the register and certificate. If a mortgage is placed on the land by the owner, it is made out in duplicate; one copy of the mortgage is filed with the recorder, the other is returned to the lender of the money secured by the mortgage. When title is transferred the old certificate mentioned above is surrendered and cancelled and a new certificate is issued by the recorder to the new owner.

As I have said, there seems to be a great deal of discussion of the system and also a wide diversity of opinion. Its advocates are generally very enthusiastic about it while those who oppose it insist that it is about the worst system that could be devised.

I have here a letter from a Kansas man who purchased land in the province of Manitoba and consequently received a title under the Torrens system. He seems to be quite enthusiastically in favor of the law. He sends me a letter received from the Saskatchewan General Investment company of Regina, explaining his title. The letter says, "The certificate of title is really your deed, this being the name it is given in this province. It consists of a copy of the page of the register that is on file in the Land Titles office, the same being certified to as correct and signed by the registrar or deputy registrar."

"No transaction can take place that will interfere with your rights in connection with this land without the production of this certificate. Our system of land registration is considered the 'last word' and is known the world over as the Torrens system of title and under it the government insured the owner against loss on account of bad title."

Mr. Myers of Windom, Kan., to whom the letter was written says, "I am satisfied that the Torrens system of titles is much better than ours."

On the other hand strong objection is made to the system because of the power it places in the hands of the official who passed on the title and files the certificate on which all future titles are based. It is urged that a dishonest official in the position might with the aid of a confederate rob the real owner of the land of his title and confer the same on a thief. Considerable objection is also urged against the state or government going into the business of insuring private titles to land.

One thing is certain; our system of transfer of titles is too cumbersome and expensive. I do not know whether the Torrens system is the best system or not, but I do know that we should have something less cumbersome and less expensive than what we have now.

The Conversion of "Circle Bar" Bill

I do not pretend that the following narration is strictly accurate as to facts, but I think that there are a good many readers of the Mail and Breeze who lived in the cattle range country a third of a century ago, who will recognize the type.

The life of the old time range rider was hard and often dangerous. It wasn't conducive to refinement or good morals. After months of the lonesome and isolated life of camp when he went to town he was apt to seek the saloons and brothels for recreation and companionship. He was an easy mark for professional gamblers and prostitutes and generally wasted in a few days of riotous living the wages of months on the range. But mixed with his tendency to immorality and lawlessness there was a vein of generosity, sentimentality and honor according to his own peculiar code.

"Circle Bar Bill," the subject of this sketch, is a type of the reckless, hard riding, swaggering, gambling, drinking cowboy who at the bottom had much of kindness and nobility in his makeup and who knew his fellow rangers.

When it was announced that "Circle Bar Bill" had been converted there was considerable surprise as

well as doubt manifested among the range riders who had been familiar with him for a number of seasons. It was generally conceded that Bill could consume more of the brand of liquor known as "hell's delight" than any other cowpuncher between Mobeetie and Dodge, and when it came to starting rough houses and shooting out the lights in the dance halls he had always been a chosen and trusted leader.

When a number of kindred spirits congregated at the "Red Light" for internal irrigation purposes, the matter of Bill's new turn was the principal theme of conversation. "Big Frank" of the T 5 ranch, gave it as his opinion that Bill was "just a joshin'" or else he had "become plumb locoed."

"You-all know," said Big Frank, "that there is a dam sight of loco weed on that Circle Bar range. About half the hosses on that range get so locoed every spring that they ain't no account whatever for cuttin' out purposes, and likewise a heap of the cows down there on the Cimarron git more or less affected the same way. It's my contention that while ridin' the line, and bein' lonesome and absent-minded like, Bill has, bein' entirely unconscious, as it were, got into the habit of chewin' the loco weed till it has finally affected his think-works and made him more or less batty."

"Because it stands to reason," continued Frank, as he poured out another libation, "that Bill ain't built on no lines similar to a parson and this here preachin' business is entirely furrin to his nature. Not sayin' at all that Bill hasn't any Christian principles in his general disposition, fur he has."

"Fur instance, I seen him onct, when he had won all the coin a tenderfoot had in a game of stud poker, the tenderfoot's pile amountin' all told, to two hundred bucks, actooally give back to the tenderfoot \$5, together with some good advice, sayin' to him, 'Young feller, I perceive that you are not onto the real science and curves of this here game of stud poker and you should confine your sportin' proclivities to the game of penny ante, which is more in accordance with your intellectual attainments.' Now that as I should say, was actin' in a real Christian spirit."

"Likewise I recollect when Bill was once at Dodge and passin' the time in the innocent amusement of shootin' up the town, he happened to wing a stranger. It was clear to the mind of any right thinkin' man that the stranger was entirely to blame as he had no business to be strollin' along the street durin' the time that Bill was emptyin' his gun, but notwithstanding that he wa'n't in no way responsible, Bill took that stranger to the Wright hotel and called a doctor to fix him up at his expense, and he likewise told the hotel man that he would stand good for the stranger's board and bed for a couple or three weeks, while the wound was healin'. On account of which and other likewise incidents I might mention, I say that Bill really has the Christian spirit in him, but that doesn't signify that he is at all cut out for a reglar parson."

The crowd generally agreed with Big Frank's view of the case, but "Hare-lip Ike" from "Lazy L" ranch in the Panhandle country, who was present, announced that while he agreed with Big Frank as to the probability that Bill was really suffering from the effects of chewing loco weed in moments of mental abstraction, he had it straight that he was really intending to turn Gospel sharp and had announced that he had secured a hall for the following Sunday and that it was his purpose to round up as many as possible of his fellow cowpunchers who, to use Bill's words, were "wanderin' like lost mavericks on the barren and weed-infested pastures of sin" and brand 'em with the Gospel brand.

A Full House

It was a full house that greeted "Circle Bar Bill" on the Sunday morning when he made what "Six-fingered Sam" of the "Ox-bow" ranch called his "debut" in his new role. There wasn't a man in the hall who didn't know Circle Bar Bill. All of them had drank with him on numerous occasions and a good many of them had ridden the lines and been on herd with him. They had been with him on many a dark night, when the lightnings played on the horns of the sleeping herd and when a sudden terrific clap of thunder had started a panic and stampede.

In a moment there was a wild race of fear-crazed brutes rushing heedlessly on through the night and

storm in a mad, fierce gallop, mile after mile. It was then for the herders to ride with the stampeded herd; ride, as they expressed it, "like hell" and maybe to the death, for in the pitchy darkness that settled down on the prairie in a night of storm, there was no choosing a way.

The business of the cowboy was to stay with the herd and take the chances of his horse stepping in a prairie-dog hole, which meant a hard fall, maybe death. He must ride and talk to the maddened cattle, or better still, sing to them, till their nerves were soothed by the sound of the human voice. And these men knew "Circle Bar Bill" for the wildest, most daring rider on the range. What was more, Bill possessed a voice that had a peculiar charm for cattle.

As he rode, furiously, recklessly, keeping close to the head of the crushing mass, his voice would ring out in sweet and mellow cadence that soothed the nerves of the wild steers, until the leaders would check their pace and then the "milling" would commence and the stampede was over.

The crowd had seen Bill tried out according to all the usual standards by which the cowpuncher was tested and they had never seen him weaken or flinch. They didn't understand this new move of his but they did know, as Big Frank expressed it, that "it mightn't be over healthy to git too gay with Bill, fur when he was really riled he sure was quick and peminous in his manner of drawin' and handlin' his weepun."

When "Circle Bar" Bill advanced to the front of the hall where a table had been placed to do duty as a pulpit, he looked a trifle pale, but there was no indication of hesitation or nervousness. He had had his hair trimmed by a Dodge City barber, wore a coat and deer skin vest and his high heeled boots had been given a glossy shine. As a preparatory to the main service he laid two "forty-fours" and a Bible on the table and then glancing round at the crowd he said: "Durin' the progress of this meetin' you will please dump your lids." The assembled cowboys observed that Bill was teying gently with the butts of both guns and the hats came off. "Now," he remarked, "let us pray."

The prayer was short but fervent and it was noticed that Bill prayed with both eyes open. He was taking no chances. After the prayer Bill, gazing unflinchingly into the eyes of the assembled cowboys, began:

"I reckon that you-all are feelin' some surprised at this here move of mine in shifitin' my camp over onto the Gospel range, at which, knowin' that you-all have been acquainted with me for a long time previous, I'm not a wonderin' none.

The Prodigal Story

"Well, it's this a-way. A couple of months ago I was a night herdin' and lonesome, and there was a storm gatherin' over in the northwest. The jagged lightnin' was rippin' zigzag streaks across the sky and I says to myself, 'Bill, there'll be hell to pay this night. Them cattle will stampede shore before mornin' and you'll have to make a run fur it. And suppose the Lord decides to run ye in tonight Bill, what sort of showin' would y' make at the general round-up? Most of the money you've earned ridin' these ranges in the bakin' hot summer, in the winter blizzard and in the stormy nights you've blowed in on stud poker or this pizen hell's delight liquor, or wasted it treatin' them faded out dames that hang round the Red Light dance house. You haven't writ a line to your old mother fur twenty years, though she probably is grievin' her old heart out, if she's still alive, all on account of her wuthless coyote of a son. You haven't either writ her a letter or sent her a dollar of your earnin's."

"O, it would be a hell of an account you could give, wouldn't it, if the Lord should take a notion to call you in tonight?"

"Well, the cattle stampeded all right, just as I expected and the call was purty close but I pulled through, and the next day I got to thinkin' harder than ever, till finally I went down in my chest under my bunk and dug up an old Bible. It was one my mother give me when I left home more'n twenty years ago, but I had plumb forgot about it and never looked inside of it in all them twenty years. Well, I got it down and commenced to read. Purty soon I tumbled to the fact that when it come down to cases, for good stories that old Book hed all these here yaller backed novels beat a mile. And the more I read the more I made up my mind that I ought to git a lot of you case-hardened mavericks together and let you know what you-all was a missin' by not familiarizin' yourselves with the same.

"Fur instance, here's a story that fits the case of most of you fellers like it hed been cut out a-purpose for you. It's the story of a man who hed a couple of boys. One of 'em was a steady goin' sort of a feller, but a good deal of a tightwad and a piker. He was one of the kind that never went on a whiz unless somebody else paid the bills. It wasn't so much because he was better than a lot of other young fellers who blowed their coin recklessly like, that he kep' straight, as because he didn't like to jar loose from the money. The other boy was a born high roller and likewise considerable of a durned fool, as a heap of fellers are, several shinin' examples of which are gathered here today.

"This young fool was chesky. He imagined that if he could only git away from home with a piece of money he could tear the bone out of things right away. And he had his nerve with him, all

right. What do you-all think he did? Why, he tackled the old gent, his dad, with a proposition that he divide up what he had in the way of land and range cattle and camp outfits and such and give him a big share of it.

"What the old man should have done right then and there was to slam the young fool down on the floor and sit on him awhile and then tell him to go out and cut wood, that it was not his intention to do no dividin' up of his estate till he was ready to quit the range fur good and all. That was what he ought to have done, but he didn't. He thought a heap of that fool aleck of a boy and indulged him like many another dad has done and actually sold off part of the old home ranch and a lot of fine stock and handed the proceeds over to that hoy.

"And the young whelp took it and never even said 'thank you'; just pulled out fur the boundin' West like you and me done and commenced to blow in the money the old gent had handed to him and scatter it regardless. For a year or two or maybe three he had what he called a devil of a time.

The Awakening

"That went on till one morning he woke facin' as if he hed swallowed the hide of a hoss that hed been dead quite a spell. His hair pulled and his head was ready to bust plumb open. He was just a dyin' fur a drink. I know how he felt; so do you. But when he went through his clothes he discovered that he didn't have the price of ary a drink on his person. The grafters and the saloon keepers and the dance halls and poker sharps had got it all and when his coin was all clean gone they jist throwed him out like you would throw out the skin of a squeezed lemon.

"The story says the young feller spent his money in riotous livin'. That means that he drank and gambled and blowed his money reckless till the last nick was gone and then he woke up and discovered that the crowd that had give him the glad hand wa'n't round to help him when he was nearly dyin' fur a drink and his tongue was thick as a double hoss blanket. They weren't offerin' to set 'em up to him now though he had called them up to the bar hundreds of times when he was flush.

"Well, there was just one thing fur that young feller to do and that was to go out and hustle fur a job, and there is one thing I will say fur him. He was game. He didn't whimper and beg none. He went out and hunted fur any sort of job he could find. The trouble was that he wa'n't fit fur much of anything. He had to take about the meanest jobs there was to be had. No doubt he hired out more than once and his boss found that he wasn't no account much either on night or day herd or even as cook and let him go.

"Finally he got down to herdin' hogs. Next to herdin' sheep I should think about the most uninteresting occupation a young feller could strike would be follerin' a bunch of hogs round over the range. But good jobs ain't waitin' round fur fellers that never learned to do anything worth while and whose in'ards are about burned out with rotten liquor. It was herd hogs or starve and there wa'n't so much difference between the two.

"The young fool who hed gone the pace, who hed danced with the dizzy blondes and throwed his money away as if it wuz pebbles and he owned the shores of all the oceans, wuz clean busted and mighty hungry. He tried fillin' up on husks but it wa'n't no sort of a satisfactory diet. His frame shore wa'n't buildin' up none on it.

"Finally one day he got to ruminatin' over the situation and says to himself, 'There's sure nothin' in this. I've been several different kinds of a fool and know it now, but there ain't no use to be a fool no longer. There is a plenty to eat at home. I recollect the bread and pies that mother used to make and I'm going back to get some. I'm a goin' to hike back and strike my old dad fur a job. There ain't nuthin' comin' to me I know, but I don't believe my good old dad will turn me down. I'm willin' to work at anything just like any other hired hand and I'll tell dad that all I ask is some plain chuck and a few clothes.'

The Veal Supper

"That isn't just the language of the story in the Bible but that's the sense of it as I gather it. And so he hiked home. And the old man had been waitin' and hopin' he would come back all these years. Never cussin' about the boy's fool conduct, nur usin' any hard words; just waitin' for the boy to come back. And when the young feller come in sight of the house, half starved and ragged and dirty, the old man saw him and lit out to meet him, and instead of landin' on him and jawin' him about his conduct the old man jist grabbed him round the neck and kissed him and says, 'We'll have the best veal supper you ever set up to this night.'

"That must have knecked that young feller off his pins to git that sort of a reception when he knowed he wasn't deservin' it none. His tightwad brother had a grouch on and complained that there hadn't been any veal suppers put up for him so far as he had noticed but the old man talked to him about his grouch in a way that made him ashamed.

"There's the story, men, and you and me kin take it home. We've been like that young fool, a wastin' our substance in riotous livin'. And the old folks in a good many cases have been a waitin' and longin' and prayin' that we would come home and stop our durned foolishness. Some of you ain't got no old folks any more, but you used to have, an' though you

can't see them mebbly they kin see you and are a hopin' yet for you to come home and quit wastin' your money on poker and pizen liquor and red light dance houses.

"The only real smart thing that young feller in the story did wuz to quit and go back. You and me hez been as big fools as Thompson's colt, and I made up my mind after readin' that story that I'd quit and also that I'd round up you sinful mavericks and suggest that it would be a purty doggoned good idee fur you to quit too.

"There ain't nuthin' really bad about you geezers an' there wa'n't nuthin' really bad about that young feller in the story. He was a fool and so are you and so was I. But he was wuth savin' and so are you. I know you; every mark and brand on you, as well as if I'd roped and branded you myself. If you was a passel of wuthless dogies I wouldn't hev bothered about callin' you together today. Some of you are part scrub but there's enough good stock in most of you to make you wuth savin'.

"Don't I recollect the night my pinto boss stepped into a dog hole and throwed me about twenty feet? There was a shoulder mashed when I lit and a few ribs caved in; likewise my head was so jarred that I didn't savy anything for near about two weeks. I'll never come nearer cashin' in than I did that time till I quit the earthly range extirely. Well, don't I recollect when I finally got back on earth and hed sense enough to notice things, that I found that Big Frank and Six-fingered Sam hed been takin' turns sittin' up with me night after night, though it was roundup time and the ridin' was hard and steady? They had been doin' my work by day and watchin' over me by night. There must be some good stock, I'm thinkin' in fellers who'll do that.

The Lord's Range

"And I remember the time that "Hare-lip Ike" found a pore leetle dogie calf not wuth more than two bits away out alone on the prairie. It hed got separated from its mother and was bawlin' its life away out there in the cold spring rain. "Hare-lip" took the pore leetle dogie calf across his saddle and carried it three miles to camp and roped a cow so that it could have its dinner.

"So when I got thinkin' it all over I says to myself, 'Bill, them fellers ain't so durned ornery that they ain't wuth savin'. They're more than half human, same as you, and you ought to invite 'em to quit this fillin' up on what is a durned sight wuss than husks, and git a location on the Lord's range.' The way that old Bible described it, the feed and water are both mighty fine, for it says that there's green pastures and still waters and plenty of good shade.

"So fur as I'm concerned I've made up my mind to go and I'd like to have you ride with me. We've rode together when the sun was burnin' hot and also when the winter storm was howlin' like a thous-and hungry timber wolves. We have bunked together in the rain and in the snow. We've rode together at the head of the stampeded herd when the lightnin' played on the crackin' horns of the cattle, and we sang as death rode beside us through the night.

"I know you are the real stuff when it comes to facin' danger or helpin' out a feller when he's in hard luck, but you're a pack of fools to stay here on this sunblasted, cactus covered alkali watered range of sin, when there is a chance to git a location on the Lord's range where the grass is plenty and the water's fine."

A German But Not For the Kaiser

Editor The Farmers Mail and Breeze—We note with intense interest the different opinions on the European war and wish to commend you for your pacific policy. We think yours the only way to secure universal peace. Being a German my sympathy is with the German people but for the Kaiser, nix.

William has made Germany; yes, he has made it a military camp. The best inventive genius has been directed to the making of machinery to destroy human life. Our parents tell us of a time when military discipline was so strict in Germany that a soldier on drill was not allowed to brush a mosquito from his face. They tell us that was long ago and that military methods are more humane now.

I want to say to Kaiser-loving friends in Kansas that the army regulations of Germany still require a four-foot stride. Just try a walk around your quarter section with a four-foot stride and when you begin to lag imagine some one behind you with a bayonet. Anything humane about that?

The best statesmen and best financiers know very little about when this war will terminate. Multiplied thousands may starve but the soldiers will be fed and the war may go on. This is probably the beginning of the end of monarchy, the gold standard and the competitive system. When the people get enough of this pig-sticking butchery they can stop this war as abruptly as it began. Surely this is a great factor in the evolution of mankind. Before the war is over all the dread-naughts and super-dreadnaughts may be at the bottom of the ocean.

Let us hope that while the people have the guns in their hands they will form an ideal republic in northern Europe. Let us hope that another monarch never will be crowned as ruler of the dual monarchy. Hungary may go with the Balkan states while Austria may be incorporated in a republic in northern Europe. One need not be a graduate in mathematics to know that the multiplied millions of war debt never can or will be paid by the people of those countries.

We are told by the greatest moral philosopher who ever lived that the time will come when spears shall be beaten into pruning hooks and the nations shall learn war no more. This is the policy of the Mail and Breeze. Let us hope the time is near when the principles set forth by the Prince of Peace will prevail throughout the world.

H. E. LANG.

Fort Bidwell, Calif.

When the Wood Fire Burns

Fuel Philosophy From Jayhawker Farm

BY HARLEY C. HATCH

THE winter supply of fuel on this farm consists of wood cut last winter and now thoroughly dry, some McAlester coal bought this fall and a load of Colorado coal which we have had on hand for two years. The best fuel of all for very cold weather is the McAlester coal. The Colorado coal does not make so hot or so quick a fire but it will hold all night in a heating stove.

In addition to this fuel supply we have all the cobs we can burn. For the kitchen stove and for a quick fire in the heater there is no fuel to equal corn cobs. To make a quick, hot fire these cold mornings we find that a mixture of cobs, wood and coal does the business better than anything else.

Our wood consists of the usual variety which grows along the creeks in eastern Kansas. Elm and walnut predominate. There is also some hackberry, locust and mulberry. The locust makes the best wood and the elm comes next. All this wood, which was cut green last winter, must be burned within a year or it will lose all its good quality. For this reason we shall burn more wood than usual this winter.

We doubt very much whether anything is made in getting out wood for winter fuel if work at fair wages can be had at anything else. But while wood may cost more than coal it is very nice to have to burn in connection with it, especially the cheaper grades of coal. We are about convinced that the better grade of coal, such as McAlester, is as cheap in the end as the kind of coal that can be bought locally for \$4 a ton. McAlester costs \$7 now and it is worth it if we consider the satisfaction in burning.

An immense amount of kafir is being sold here now. The price has risen 5 cents a hundred on the Kansas City market in the last week despite the increased supply which would seem to show that kafir is in good demand for something. The fact that in some towns kafir is bought by the 56-pound bushel and in others by the hundred pounds is puzzling when prices are compared. One has to have pencil and paper before he can make sure which market is offering the best price.

The Kansas City price on kafir is at this writing \$1.07 a hundred and feterita is the same. Our Gridley buyer is paying 95 cents a hundred while at Hartford we understand 51 cents a bushel is being paid. A neighbor took a load to Burlington this week and could get only 45 cents a bushel offered; needless to say, he is not much impressed with the county seat as a kafir market. This grain is quoted regularly in all markets and should be as standard in price as corn. It is the big money crop here this year as farmers are selling their kafir and keeping their corn. In this we think they are wise.

Our milk cows for the last three weeks have had choice of a ration of corn, kafir heads, kafir fodder, alfalfa hay and hay made from English bluegrass that grew this fall. Of all mentioned they will take the bluegrass hay first, preferring it to the alfalfa which is of good quality. For grain, the cows prefer corn except one which takes kafir for her choice. We find that animals have a diversity of taste the same as the human family. When we were feeding speltz to our hogs they ate it under protest except one and he would take the speltz in preference to corn every time. We have one horse which scarcely eats corn and will not touch it if oats are to be had; another horse will eat his corn first if both oats and corn are put in his box at the same time. On the whole, however, all farm animals prefer corn to any other grain as a regular diet.

But all animals like a change of feed. If cattle have been fed on corn fodder for some time they welcome a change to kafir fodder, but they will eat corn fodder with a good appetite much longer than they will eat kafir. Hogs prefer corn to all other grain yet they welcome

kafir as a change. We think it is good for them to have both grains each day where they can be had. We are feeding 56 hogs on this farm and they get corn night and morning and kafir in the head at noon. We had about 100 bushels of kafir in the head for which we had no room under a roof, so have stacked it at the hog yards and will feed it to them once a day. We fed hogs half corn and half kafir in 1912 and found that this was a little larger proportion of kafir than was best for them. This year we feed one-third kafir and two-thirds corn.

We have a letter from a friend of the Farmers Mail and Breeze in which he asks the following question: "If I provide the farm, the machinery to run it, all the horses, cattle and hogs, and board and feed for the teams, what share of the crops and stock should my boys have if they supply the labor to work the farm? This arrangement is to last for three years and all stock is to be kept for that length of time and then we intend to have a sale and let most of it go. What share of this stock should the boys have?"

This is a difficult question for a stranger to answer. There are so many things that enter into a deal of this kind that an outsider can only guess at what would be equitable. As a general rule it may be said that where the landowner supplies everything and the

CHEYENNE 64,431	RAWLINS 131,230	DECATUR 155,586	NORTON 114,557	PHILLIPS 116,933	SMITH 91,431	JEWELL 98,464	REPUBLIC 88,543	WASHINGTON 101,695	MARSHALL 103,047	NEOHO 58,009	BROWN 72,407	DOUGLASS 50,547	ATCHISON 50,547
SHERMAN 21,436	THOMAS 127,751	SHERIDAN 112,542	GRAHAM 140,607	ROOKS 209,432	OSBORN 160,421	MITCHELL 153,672	CLOUD 161,193	CLAY 114,822	OTTAWA 129,245	JOHNSON 21,199	DOUGLASS 37,657	MIAMI 11,444	20,136
WALLACE 1,729	LOGAN 27,042	GOVE 87,561	TREGO 124,118	ELLIS 216,143	RUSSELL 196,284	LINCOLN 107,989	SALINE 136,898	ELLSWORTH 156,256	NEEDHAM 182,750	CHAS. E. 14,719	COFFEY 6,189	JACKSON 2,233	LINN 9,606
GRILEY 814	WICHITA 7,555	SCOTT 24,043	LANE 70,614	NESS 141,283	RUSH 209,093	BARTON 269,349	EDWARDS 240,952	STAFFORD 244,597	RENO 287,719	HARVEY 111,113	BUTLER 20,749	GREENWOOD 3,108	WOODSON 3,186
HAMILTON 603	NEARNEY 7,133	FINNEY 17,362	HODGEMAN 78,273	GRAY 53,582	FORD 235,461	EDWARDS 165,354	KIOWA 167,588	DRATT 244,828	KINGMAN 187,913	SUMNER 226,367	COWLEY 51,110	WILSON 18,669	NEOSHO 25,913
STANTON 926	GRANT 2,344	HASKELL 2,306	MEADE 101,954	CLARK 65,363	COMANCHE 114,668	BARBER 133,353	HARPER 191,626	CHANDLER 30,122	CHICKASAW 33,726	ADAMS 40,737	CHENOWETH 73,051		

This Map Shows the Number of Acres of Wheat Sown This Year in Every County in Kansas.

renter boards with the landowner and gives nothing but his labor the owner should have two-thirds of the proceeds and the renter one-third. As for the livestock for a three-year term we should say that the proceeds should be divided the same way, but that the owner of the stock should get back the original start. What have our readers to say to this arrangement? Is it fair for both sides?

We like the plan of a landowner taking his boys into partnership in this way. It keeps the boys at home and saves turning the farm over to an outside renter. It gives the owner a chance to continue living in his old home, and he is where he can watch things and give the boys the benefit of the knowledge that 60 years brings. As to holding the stock for three years and selling in a bunch, we like that plan too, except in case of hogs. They would, of course, have to be sold off yearly. But by holding the stock and taking good care of it there will be a good amount to divide at the end of the three years. It simply means that the farmer and his boys make the farm and stock their bank instead of selling as fast as the stock is salable and putting the money where it is likely to be spent. If a boy of 21 learns to keep his money or property for a full three years he will have habits of sense and economy well established by the time he is 24 years old.

A friend writes from Deer Creek, Okla., to say that for two years the election boards of that locality have been counting the votes nearly as fast as they were cast. As soon as there are 10 votes in the box, counting begins and it is kept up closely until at the close of voting it takes only a few minutes to announce the result. The election officials are forbidden to disclose how the votes are running and our friend says they

have had no trouble on that score so far. Our friend does not say, but we suppose that two election boards are needed to handle the counting and receiving of votes. In this township we doubt whether one board could count the votes as fast as they were cast in the afternoon but they should have everything done by 10 o'clock that night at least. This arrangement would be welcome in Kansas. The only thing to guard against would be the giving out of information as to how the votes were running. A heavy fine for the offense doubtless would stop any leaks.

Wheat Acreage is Large

Information supplied by J. C. Mohler, secretary of the state board of agriculture, shows that 8,870,000 acres were sown to wheat in Kansas this fall. It generally has been thought there was an increase in acreage this year, but these figures represent a decrease of from 2 to 3 per cent when compared with the total acreage sown in the fall of 1913. Almost all the central counties, comprising the so called "wheat belt," reported a smaller acreage than a year ago. A few exceptions to this rule are Clay county with an increase of 3 per cent, Washington and Osborne counties with an increase of 4 per cent, Rooks county with an increase of 7 per cent, and Mitchell and Cloud counties with an increase of 8 per cent. There was a poor corn crop in these counties and it is assumed this as well as the good wheat crop last summer and high prices this fall encouraged more wheat sowing.

The counties, as a rule, which reported the largest increases are those in the northwestern part of the state and those in the eastern third, south of the Kansas

Cattle to the Farms

On a recent trip through Kansas F. B. Houghton of Chicago, freight traffic manager of the Atchison, Topeka & Santa Fe Railway company, made this statement:

"An encouraging feature of the business situation is the active buying of feeders which are moving from Kansas City and other primary markets to the Kansas farms. The farmers have come to an appreciation of the fact that notwithstanding the rather high price of this class of stock there is promise that the price of beef in the spring will justify the purchase of feeders. In addition, the land will be enhanced in value on account of rehabilitation as a result of livestock feeding."

"The 'back to the farm with the cattle' campaign has made progress slowly, but surely. Now that it has reached the point where railroad officials see in it a factor in the business revival of the state, its advocates doubtless will feel encouraged to continue their good work."

Farmers had a reason for allowing their herds to run down in the last few years. Crop shortage at one time; scarcity of water at another; unsatisfactory prices of cattle generally, and the high prices of feed on all the markets caused farmers gradually to let go of their stock.

But the situation is different now. Kansas has had a fine crop year. There is an abundance of water; the price of feed is not so high as it was, and, as Mr. Houghton says, the prospect for attractive prices of fat cattle in the spring is likely to justify the purchase of feeders.

The shipments of feeder cattle from the Kansas City stockyards during the eleven months ending November 30, 1914, aggregated in round numbers 250,000 head, an increase of 75,000 over the aggregate of the corresponding period in 1913. This year's shipments generally have been of the best bred young cattle.

The movement to the Kansas farms was especially lively in November as a result of low prices caused by the excitement growing out of the hoof and mouth disease. With the exception of a few sales made to Illinois, Missouri and Iowa farmers, the bulk of the November stocker and feeder trade on the Kansas City livestock market came to Kansas.

The feed situation perhaps is as good as it has been at any time in Kansas' history. With the exception of corn, everything grown in the state was produced in abundance this year, and the silos are full of high class feed. The large increase in the acreage of alfalfa, kafir and feterita, with their heavy yields, has put Kansas to the fore in feed production. In the opinion of conservative stockmen, the loss sustained by the damage done to corn during the early August dry spell, will not be felt in the net result, owing to the heavy production of other stuff.

The condition of the Kansas ranges is ideal this fall. The growth was luxuriant when frost came, insuring good pasturage for another month, and there is plenty of water in most counties.

Fall wheat has a good start, which will furnish farmers additional high class pasturage, if needed.

Kansas, therefore, gives promise of coming into its own in the highest development of its livestock industry.

For a Sprained Ankle

I have a mule which sprained one of its ankles about three months ago. The ankle is still swollen but there does not seem to be any soreness in it. I have used hot applications of vinegar and salt but did not get satisfactory results. Will you tell me how to remove the swelling?
A. S.
Osage County, Kansas.

I will suggest that the hair be clipped closely over the swollen area and a strong blister rubbed in. A good blister can be made by mixing 1 dram of powdered Spanish flies, 1 dram of powdered red iodide of mercury, and enough vaseline to make 1 ounce. This blister should be rubbed in for at least 15 minutes to get thorough effects. The blister should be washed off completely at the end of 24 hours with soap and water. The mule should be tied up short, while the blister is on, otherwise it will lick the blister and in that way injure its mouth. The blister should be applied once a week until the swelling disappears.

Dr. R. R. Dykstra.

Kansas State Agricultural College.

Among the British officers recently killed in Belgium is Captain Lord Wellesley, son of the Duke of Wellington.

Poor Goods Won't Pay Bills

**Advertisers Know Success Demands Worthy Merchandise—
Any Other Kind Is a Waste**

WHEN a manufacturer starts to advertise, the first thing the advertising man wishes to know is in what ways his product is different from other goods of its kind. If it is a poorer article, to spend money in advertising it is sure to be a losing venture. If it is just as good, advertising may pay; if it is better and enough better, advertising it is sure to pay, and the more points of superiority it has the better and safer investment the advertising put on it is going to be.

The advertiser can't depend on the first sale; he must count on building up a bigger business by pleasing customers so well they will buy again and get other people to buy. Even in case of a long-lived article like a furnace, a piano or an automobile, if it is no good, others besides the buyer will find it out, and advertising to get them to buy is money wasted.

These points of superiority can't be made up out of the advertising man's imagination. They must be actual and real or the advertising will ring false,

and fall flat from the start. The notion that advertising is a matter of hoodwinking people has been exploded long ago. No business man with practical sense is willing to venture his money on that sort of chance now.

So the first thing the advertiser must do is to find out if he has an article enough better to make it worth advertising. Then as the advertising is worked out, the strong points of the article are canvassed and compared. If any weak points show up some way is found if possible to do away with them. Where points of possible improvement are discovered these are eagerly adopted, for every hair's breadth of increase in excellence is going to make each dollar put into the advertising produce bigger results.

So—advertising that pays and that builds up a business, begins with a better article at the outset.

And then the advertised article is continually improved in order to insure the safety of the investment in advertising and increase the profits.

To Control Blister Canker

More than a million apple trees have been killed in Kansas and the adjoining states of Missouri, Oklahoma, and Nebraska, by a disease known as the blister canker. The normal resistance of apple trees has been greatly reduced by drouth the last four years, making ideal conditions for the work of the fungus.

The blister canker is a wound parasite and experiments have shown that it is unable to enter the healthy bark of an apple tree. Entrance is gained through broken bark and wounds in which the heartwood is laid bare. The disease is carried by wind or rain. The first appearance is in the darkening of the bark near the wound. This dark area increases in size and remains moist the first year, but the second year it becomes dry and cracked. The disease cannot be successfully controlled by spraying because the spores are developed in slightly raised areas one-fourth of an inch in size which appear below the outer bark but over the surface of the canker.

Ben Davis and Gano trees are very susceptible to this disease and die in two years. The Missouri Pippins, Jonathan, Grimes Golden, and York Imperial are much more resistant. If the infection is noticed before it has gone to the heartwood, it can be cut out and the wound kept painted with waterproof paint until the wound grows over. If it is in the heartwood it is best to cut down the tree and burn it. If the fungus attacks the branch it may be cut off and burned.

The Grange Opposes These

The State Grange in session, a few days ago, at Holton opposed the rock roads law and favored a measure that would require the vote of a majority of the rural population to build rock roads. The Grangers would abolish county highway engineers. They favor a more fair and sound distribution of school funds to do justice to the small rural districts. The Grange demands the repeal of the Barnes high school law, and is opposed to the county unit plan for schools or for taxation. It is opposed to the present law for board of administration for educational institutions and favors the old plan of no salaries for educational boards. The Grange also opposes the four-year high school requirement for teachers.

The state publication of books was warmly commended. The Grange voted its approval of consolidating schools under the present law and indorsed a plan to build homes for school principals with grounds for experimental purposes.

A. P. Reardon, of McLouth, was re-elected master of the State Grange by a unanimous vote. Other officers elected were:

J. L. Heberling, of Wakarusa, overseer, re-elected; Mrs. Ella S. Burton, Topeka, lecturer; J. M. Ryan, Whiting, steward; J. P. McMullin, assistant steward; Mrs. Mabel Pomeroy, Holton,

chaplain; W. J. Rhoades, Olathe, treasurer; C. E. Allison, gate keeper; Mrs. Jones, Pomona; Mrs. Ida Gray, Altamont, Flora; Mrs. Ettie Ferrell, Denison, lady assistant steward; W. T. Dickson, Carbondale, member executive committee.

The Grange, in a resolution, deplored the present European war, and indorsed the peace policies and spirit of strict neutrality of President Wilson. They expressed sympathy for the farmers of Belgium and made their expression practical by donating \$250 to the Belgium relief fund.

Another list of resolutions adopted favor a law prohibiting all rebates on taxes and the abolition of the state tax commission.

The Grangers recommend the assessing and taxing of real estate mortgages as part of the real estate, and the placing on the tax rolls of all college fraternity owned property. They favor opening banks and their records for inspection by the assessor. They favor a forfeiture to the public school fund of a per cent of every estate or part thereof which the owner in his lifetime failed to return for assessment and taxation. They favor retaining in the constitution the following provision: "The legislature shall provide for a uniform and equal rate of assessment and taxation."

To Water Hogs in Winter

Can you tell me how one can keep a good supply of water for hogs during cold weather? I do not think that hogs, as a rule, get as much water as they need at this time of the year. Cutting the ice out of the troughs gets to be an old story.

B. C. D.

Kearney County, Nebraska.

It is true that hogs, especially pigs, do not get as much water as they need during cold, freezing weather. The water should be heated in cold weather to at least 50 degrees Fahrenheit, and it is better if it is heated to 70 or 80 degrees. How to heat the water and keep it warm is one of the difficult problems hog raisers have to solve in winter. Some folks water the hogs several times during the day and pour all the water that is left out of the troughs as soon as the hogs drink. Others have arranged various devices in which they can use tank heaters. This is the most convenient and satisfactory way if a large number of hogs can be watered at one place. The method to use will have to be determined by local conditions. Hogs do not thrive or make good gains when ice water is given them in troughs that already are half filled with ice.

T. W.

Cottonseed For Hogs

How does ground cottonseed compare with cottonseed meal as a feed for hogs?

Comanche County, Oklahoma.

Usually it is estimated that the feeding value of cottonseed is about 78 per cent of the feeding value of cottonseed meal. Cottonseed and cottonseed meal generally are considered unsafe feeds for hogs when fed in unlimited amounts. If the amount fed is restrict-

ed, either the seed or the meal can be used for a considerable time without harmful effects. The Arkansas Experiment station has recommended these amounts of the meal for pigs of different weights: One-fourth of a pound a day for pigs weighing less than 50 pounds; $\frac{1}{2}$ of a pound a day for pigs weighing from 50 to 75 pounds; 2-5 of a pound a day for pigs weighing 75 to 100 pounds; and $\frac{1}{2}$ a pound a day for pigs weighing 100 to 150 pounds. The danger of loss from feeding cottonseed meal will be lessened if wheat bran or some green feed is used with the ration. If any of the hogs stop gaining or refuse to eat the cottonseed should be taken out of the feed. Similar results have been obtained at other experiment stations and in farm work. The experienced feeder may be able to feed larger amounts. The beginner, however, should regard cottonseed and cottonseed meal as dangerous feeds for hogs, and use them sparingly.

T. W.

Bees and Sweet Clover

How should one prepare a seedbed for sweet clover, and what is the best time to plant the crop? Is sweet clover good for bees? What is a good flower for bees?

H. E. K.

A seedbed for sweet clover should be prepared much the same as for alfalfa; it is essential that it should be fine and firm. The capillary attraction must be well restored, and there should be plenty of available plant food in the soil. Sweet clover may be sown either in the fall, about the same time as alfalfa, or in the spring. The best time for spring sowing is in the first part of May, according to W. E. Watkins of Iowa, the county farm agent of Allen county. Fall seeding usually is best if the moisture conditions are favorable, but if they are not you should wait until spring. Bees work on sweet clover quite a good deal. Alfalfa also is an especially good flower for bees. There should be a much larger acreage of alfalfa on the land at Thayer that is adapted to the crop.

To keep the girls in the kitchen and the boys on the farm—install modern conveniences and equipment. To make interested and enthusiastic housekeepers of the girls, and so insure the best of wives and mothers for the homes of tomorrow, install modern housekeeping equipment and home comforts and refinements today. No greater amount of improvement can be made for the money and no greater return can be earned. Make housekeeping a pleasure and not a drudgery. American women had rather be homemakers than spinsters, but the men must do their part.

alfalfa, or in the spring. The best time for spring sowing is in the first part of May, according to W. E. Watkins of Iowa, the county farm agent of Allen county. Fall seeding usually is best if the moisture conditions are favorable, but if they are not you should wait until spring. Bees work on sweet clover quite a good deal. Alfalfa also is an especially good flower for bees. There should be a much larger acreage of alfalfa on the land at Thayer that is adapted to the crop.

The Crop Record For 1914

The Kansas board of agriculture issued its last crop report of the year last Saturday presenting a final summary of the farm products and livestock of the state for 1914. It shows that the yields and values of this year's crops and products are as follows:

Winter and spring wheat.....	180,924,885 bushels	\$151,523,931
Corn	87,338,274 bushels	59,320,147
Oats	45,348,857 bushels	17,789,295
Rye	2,193,279 bushels	1,562,878
Barley	4,355,555 bushels	2,024,352
Bumper ("Spelts")	61,381 bushels	27,815
Buckwheat	1,841 bushels	1,749
Irish and sweet potatoes.....	4,023,546 bushels	2,981,457
Castor beans and tobacco.....		11,399
Flax	266,841 bushels	414,530
Broomcorn	12,249,150 pounds	401,511
Millet	222,762 tons	1,207,659
Sugar beets	75,284 tons	393,364
Sorghum for sirup	1,360,815 gallons	665,770
Sorghum, kafir, milo, Jerusalem corn and feterita for forage		22,919,191
Tame hay (x)	1,328,977 tons	14,297,483
Prairie hay (x)	492,137 tons	4,379,365
Wool clip (x)	348,923 pounds	62,808
Cheese	40,875 pounds	6,167
Butter	47,210,920 pounds	13,375,146
Milk sold, other than for butter and cheese.....		1,350,403
Poultry and eggs sold.....		10,876,396
Animals slaughtered or sold for slaughter.....		69,201,112
Horticultural and garden products (x).....		1,340,241
Honey and beeswax	347,561 pounds	52,791
Wood marketed		60,738
Total value		\$376,297,713

NUMBERS AND VALUES OF LIVESTOCK.

Horses	Number.....1,071,424	Value.....\$107,143,400
Mules and asses	Number.....243,844	28,042,060
Milk cows	Number.....856,882	52,269,863
Other cattle	Number.....1,430,150	58,636,159
Sheep	Number.....180,632	620,530
Swine	Number.....1,451,761	15,243,491
Total value		\$261,955,494
Grand total		\$638,253,207
(x)—Product of 1913.		

Fair Dates Are Announced

The dates for the 1915 fairs were assigned, subject to change, at the annual meeting of the American Association of Fairs and Expositions, held in Chicago, December 3 and 4. The dates are:

July 20-24, North Dakota State Fair at Fargo.
August 25-September 3, Iowa State Fair at Des Moines, and Live Stock Exposition at St. Joseph, Mo.
September 4-11, Minnesota State Fair at Hamline.
September 6-10, Nebraska State Fair at Lincoln.
September 11-13, Kansas State Fair at Hutchinson.
September 13-18, Kansas State Fair Association at Topeka, and South Dakota State Fair at Huron.
September 20-25, Interstate Live Stock Fair at Sioux City, Ia.
September 21-October 2, Oklahoma State Fair at Oklahoma City.
September 25-October 2, Missouri State Fair at Sedalia.
October 4-9, American Royal Live Stock Show at Kansas City, Mo., and New State Fair at Muskogee, Okla.

The officers elected by the association are: W. R. Mellor, Lincoln, Neb., president; A. L. Sponsler, Hutchinson, Kan., vice-president; Charles Downing, Indianapolis, Ind., secretary; and George H. Madden, Mendota, Ill., treasurer. The next meeting of the organization will be in San Francisco.

A Good Silage Book

The tenth edition of "Modern Silage Methods" has just been received. This is one of the most complete hand books on the subject of "Silos and Silage" that ever has been printed. It contains a description of almost every type of silo known. Instructions for building these different silos are given in many instances. Tables showing the capacity of different silos; the average acreage of forage required to fill them; the amount of silage to feed from silos of different diameters every day; and the amount of silage to feed the different classes of animals are important features of the book. It contains, in addition, a large amount of useful information including the results of many of the latest experiments showing the value of silage for different classes of animals, and how to make and feed it. The relation of silage to farm improvement, and its value as a supplement to summer pastures is emphasized. Every person who keeps livestock will find this book worth reading. The price is only 10 cents. It can be obtained by writing to the Silver Manufacturing Co., Salem, Ohio.

This Boy Starts Right

I saw in the Farmers Mail and Breeze where a boy made \$10, which was very good. I made my start by putting my money in a pig bank that my mamma bought for me. I sold flowers and my friends gave me money until at last I had \$6 in my bank. I bought a calf in the spring with the \$6 and next spring papa will sell it. He thinks it is worth \$40 and I will get half of the money.

I have gone to school every day. I feed the calves morning and night and feed mash to the chickens. We get a great many eggs. I am 9 years old. Papa is glad Mr. Capper was elected governor.

Hutchinson, Kan.

Roman Mast.

A Party for the Children

Memory Recalls the Good Times at Home

BY GERTRUDE ALLEN



MANY a farmer's wife hesitates to plan anything so formal as a party, first, because of the expense, and second because she is not very sure how to plan one. But parties need not be expensive at all, and children's parties especially should not be. A little cleverness and resourcefulness will do more to provide the right kind of fun for the youngsters than will money. And planning parties is an easy and delightful matter after you have "got your hand into it."

A party a month is not too many for the children of a quiet community where, for the most part, the little ones have to make their own fun. If twelve farmers' wives will each give a party a year, or if six of them will each give two parties, the children of the community will not only have a generous share of real fun, but they will also learn much of the culture that comes from frequent social intercourse.

The following suggestions will give a hostess all the material she needs to plan a party for any month of the year. The suggestions can be adapted easily to fit special opportunities, guests, or other individual considerations.

First of all, let your party be appropriate to the season. This will bring to you many of the old favorites, but the children love these best, and never tire of their repetition: A Twelfth Night party in January; a St. Valentine's, Candlemas, or a Patriotic party in February; a St. Patrick's Day party in March; an April Fool party in April; a May Day party in May; a Midsummer or a Hide and Seek party in June; an Independence party in July; a Porch party or an Indian party in August; a Cinderella party in September; a Halloween party in October; a Turkey party or a Sheet and Pillowcase party in November; and a Christmas or a Snowball party in December will offer enough new entertainment among the old favorites to yield the cycle novelty as well as charm. All these may be given easily, delightfully, and cheaply, ingenuity and tissue paper being the basis for most of the fun.

Things to Remember.

There are six things to be considered in giving your party: The invitations, the decorations, the favors, the costumes, the supper and the entertainment or games. All these offer special possibilities for festivity; but they may be made as elaborate or as simple as the hostess wishes. For instance, the invitations to a St. Valentine's party may be written on a sheet of plain white note paper, or they may be inscribed in verse on a red paper heart. It is just a matter of how much trouble the hostess feels she can take. She can count on the children's accepting either form.

It is very pretty and effective, though, to carry the underlying idea of the party out in all its details—as the red hearts at a Valentine party. The invitations can be written on them, the rooms decorated with strings of red hearts, the place favors at supper can be large red homemade candy hearts, and the big supper cake can be cut heart-shaped and iced with red frosting, or iced with white and trimmed with tiny red hearts. The girl and boy who are the King and Queen of Hearts can be given crowns of cardboard covered with red paper hearts, and the boy who is the Jack of Hearts a white foolscap bearing a row of red hearts pierced by many arrows.

The games played can carry out the heart suggestion: as "Cupid's Coming," "I Wrote a Letter to My Love," "Hunt the Ring," and "Bachelor's Kitchen." If there are enough older children, they can play Hearts, and the prize can be a pretty heart-shaped pincushion, a

heart-shaped blotter or a penwiper, and the booby prize a broken candy heart.

In the same way the star, which is the symbol for Twelfth Night, can be used in the decorations for a Twelfth Night party, making such variations as will naturally suggest themselves. In giving a Twelfth Night party it is well for the hostess, when her little guests have all assembled, to explain to them the significance of the day, telling them that it commemorates the visit of the Magi, and that it was long celebrated as the ending of the Christmas revels which then lasted till the twelfth day after Christmas, and explaining also some of the old customs which still survive, such as the Twelfth Night cake. The Twelfth Night cake should be the opening feature of the party. In it a bean and a pea are baked, and the finding of them determines who of the guests are to be King and Queen of the evening.

The costumes for Their Royal Highnesses can be easily fashioned from small sheets covered with red tissue paper, if one does not care to go to the expense of buying turkey red, the material most commonly used. And their throne can

My Most Embarrassing Moment

WHEN WAS IT?

"The most embarrassing moment of my life was when—." The Farmers Mail and Breeze will give prizes for letters answering this question. Was it when you were helping your girl from the boat and both of you fell in to the water, or was it when the honored guest thought your accidental black eye meant that you and your husband had been having an emphatic argument? For each of the three best letters received before January 10 a set of narcissus teaspoons will be given, and for each of the next ten a subscription to the Household Magazine, if the writer is a woman. For the three best letters, if the writers are men, the prizes will be a pocket knife, and for each of the next ten a subscription to Capper's Weekly. Tell briefly how it happened. No names will be published. Address the Question Editor, The Farmers Mail and Breeze, Topeka, Kan.

be made from two boxes, two arm chairs and two sheets, or one large one covering both chairs at once.

For a St. Patrick's party pretty prizes are candy potatoes. To make them moisten confectioner's sugar with a little cream, enough to mold it easily in the hand. Shape into little potatoes and dent the eyes with a match. Roll in powdered cinnamon and you will have a potato that will charm any child. A potato race is one of the games appropriate to the occasion and, of course, the shamrock is made the basis of the decorations.

At your April Fool party play tricks—card tricks, sleight of hand, and all the simple forms of parlor magic. The favors can be small foolscaps filled with popcorn. April Fool candies can also be used for fun at supper, but they must be stuffed only with something soft and harmless, as white cotton.

The May pole is the symbol for the May Day party, and makes a most effective decoration for the center of the table. Part of an old broomstick

may be used, wrapped with white paper. From the top suspend streamers of tissue paper of all colors and fasten them at the places of the guests. Use paper flowers freely in decorating, in garlands, etc. And be sure to let the children braid a real May pole as the culmination of the fun. For this you will either have to line your paper streamers or, better still, make them of colored paper muslin, which is cheap. Let chance select the May Queen; then there can be no hurt feelings. A pretty way is to write on slips of paper, "I am to be a rose," "I am to be a violet," and so forth—a flower for every girl present except one, and on that write, "I am to be Queen of the May." Then lay these slips in a book, and let the girls each draw one. The flower girls must, of course, be given either a paper costume representing the flower they draw, or some badge to indicate which flower each one is to be. The May Queen will wear a crown of flowers and a trailing robe of royalty, all paper, of course.

Something For Every Month.

At your Hide and Seek party it will be fun to have the little hostess, or whoever you select to be queen of the day, hid when the guests arrive, and make each one find her upon penalty of a forfeit.

Write the invitations for your Independence party on a firecracker made of red paper, using a piece of string as a fuse; and for your Cinderella party upon a yellow paper pumpkin.

Animal games should be the feature of your Turkey party: "Fly away, Pigeon," "The Wolf and the Hawk," "Fox and Hen," "The Minister's Cat," "Guess Zoo Game," and so forth, with the Turkey, a youngster clad in turkey red, lord of all. Mock turkey is an appropriate dish for supper.

Corn stalks make charming decorations for your Indian party, and floral archery (played with homemade bows and arrows) makes a pretty and appropriate game.

If not too cold give your Halloween party in the barn, making it festive with autumn leaves, flowers and jack-o'-lanterns. Besides the fortune telling trials, play old fashioned games and wind up with the Virginia reel.

For your snowball party have your centerpiece a large snowball, made by crossing embroidery hoops within each other to form a sphere. Cover this sphere first with white muslin and then with cotton batting to represent snow. Leave an opening at the top and fill with tiny white popcorn balls wrapped in paraffine paper, to each of which is attached a ribbon ending at the place of a guest. At a given signal, the children will pull their ribbons and each draw a popcorn ball from the big snowball.

These suggestions will indicate how easily, inexpensively and yet festively any children's party can be given. And there is nothing you can plan for the young folks that they will welcome as enthusiastically, get more real fun out of, or remember longer with pleasure.

The Years.

Sunrise, and moon, and sunset,
And day slips into day;
Twilight, and dark, and daylight—
A year has rolled away.
Budding and bloom, and fading,
Green tree, and leafless bough;
Seeding, and growth and harvest—
So dies an old year now.

Singing, and sighs, and silence,
The frownings and the smiles,
Tolling, and stress, and blessing,
And grave, or gayer whistles;
Days that have brought their honors,
And days that have left their scars—
Over it all the marvel
Of each night with its stars.

Dreamings, and hopes, and plannings,
Tasks that begin and end;
Hours that have brought the silence
Alike to foe and friend,
Words that were sad or merry,
Draughts that were bittersweet;
Greeting, and hall, and parting—
The old and the new year meet.

Sunrise, and moon and sunset,
Day will slip into day;
Twilight, and dark, and daylight,
The year will roll away;
Sunshine, and song, and gladness,
Fair dreams that come in sleep,
Birdsong, and nodding blossoms—
These are we fain to keep.

Darkness, and light, and shadows,
Sorrow and golden cheer,
Blend into God's completeness,
Into the finished year,
Into a memory-fabric
Woven of shade and shine—
These are the years unfolding
In lives like yours and mine.
—Chicago Post.

Plants Like a Rich Drink

I have had a lot of blossoms on my house plants this winter. Once a

week I give them a drink of liquid manure made by filling an old corn or tomato can about half full of hen manure, then filling the can full of boiling water. I let stand until it is cool, then give each plant a tablespoonful. It is best to put this on while the dirt is moist, usually the next day after they have been watered. My geraniums were admired by all who saw them this fall. One bunch was four inches in diameter, the largest I ever saw.

Missouri Reader.



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

Ladies' Waist No. 6960 is gathered at the neck in front and back. The pattern is cut in six sizes, 34 to 44 inches bust measure.

Skirt No. 6961 is made with a deep yoke to which the four gores are at-



tached. The pattern is cut in six sizes, 22 to 32 inches waist measure.

The four-gore skirt which is a part of the dress 6966 is made with a deep yoke. The pattern is in six sizes, 34 to 44 inches bust measure.

Boys overcoat No. 6959 has a raglan shoulder, and may be made with or without the cape. The pattern is cut in sizes 4, 6, 8, and 10 years.

Girls' Dress 6967 is made with separate blouse and skirt. The skirt is pleated all around. The pattern is cut in five sizes, 6 to 14 years.

USE THIS COUPON FOR PATTERN ORDERS.

The Farmers Mail and Breeze, Pattern Department, Topeka, Kan.

Dear Sir—Enclosed find cents, for which send me the following patterns:

Pattern No. Size

Pattern No. Size

Pattern No. Size

Name

Postoffice

State

R. F. D. or St. No.

BE SURE TO GIVE NUMBER AND SIZE.

Dip your thoughts in the sunlight.

Lorimer of the Northwest

BY HAROLD BINDLOSS

Author of "Ranching for Sylvia," "By Right of Purchase," "Winston of the Prairie," "Alton of Somasco," and Other Stories.

(Copyright Frederick A. Stokes Co., N. Y.)

SYNOPSIS

Ralph Lorimer and Harry Lorraine, young Englishmen farmers in the Canadian Northwest, have come face to face with complete failure of their second wheat crop. Grace Carrington, whom Lorimer secretly loved in England lives with her father not far from the young men's farm. Colonel Carrington does not welcome Lorimer's attentions. Indeed the Colonel is something of a land baron and has high ambitions for his daughter. The young farmers get a contract with the railroad construction gang, but here, too, ill fortune attends them. Earth-slides cause heavy losses, and they are about discouraged when a letter arrives from England with \$1,000 for Lorimer, "lent" by some person whose identity is concealed. The most pressing debts are paid and the two farmers continue work, cutting timber until spring. In assisting a party of tourists through the mountains Lorimer unexpectedly meets Grace on the way to her father's mine.

UNDER THE SHADOW OF DEATH.



IN spite of the many new hands who flocked in with the spring, the line progressed slowly. This was quite comprehensible, and when I traveled over it afterward as a passenger I wondered how we ever built it at all. Portions were hewn out of the solid rock, of a hardness that was often too much for the most carefully tempered drills, others were underpinned with timber against the mountain side, or carried across the deep ravines on open trestles; while much of it had to be roofed in by massive sheds, so that the snowslides might not hurl it into the valley.

On several occasions we were almost checkmated in our efforts to supply and clear a way for the builders. There was, of course, no lack of timber, but the difficulty was to get it out of the forest and into position, for we often spent days building skidways or hewing roads to bring the great logs down, after which it cost us even a longer time rigging gear to lower them over dangerous ledges to those who worked below. Still, we made progress, and the free miners or forest ranchers who trudged behind their weary pack-horses down the trail that crossed the track encouraged us in their own fashion, which was at times slightly eccentric; while now and then a party of citizens from the struggling town rode over to inspect the new road they hoped would do so much for them.

Sometimes they brought small presents with them, and I remember one who watched our efforts admiringly said: "You must be clearing your little pile by the way you're rustling," and looked blankly incredulous when I answered: "No; we're only trying to pay back other men their own."

Nevertheless, on occasions when the work was suspended temporarily, I made a two days' journey to Colonel Carrington's ranch, and spent a few blissful hours there beneath the cedars with his sister and Grace. Both seemed pleased to see me, and I managed to console myself for the absence of the Colonel and Ormond. They returned at sunset, when I took my departure, and even Ormond was usually disreputable of aspect. Many difficulties were connected with the development of the Day Spring mine, and when there was need for it Ormond showed himself a capable man of action. Night and day the freighters met him riding along the heavy trails, hurrying in tools and supplies, and the shaft-sinkers said that he was always foremost when there was risky work to be done. Once also, when I sat smoking in Calvert's shanty, the latter, who was freely smeared with the green mountain clay, said:

"We are none of us exactly idlers, but Geoffrey Ormond is tireless. In fact, I hardly recognize him as the same man, and it is just as well. We have sunk a good deal in this undertaking, and it will go hard with some of the syndicate if we don't get out rich quartz. Ormond in particular invested, I think, almost recklessly. He's a distant connection of our leader's, you know, and it's probable he's hoping for Miss Carrington's hand. There's no doubt that the irascible Colonel would be glad to have him for a son-in-law, and he is really a very good fellow, but I'm not sure that Miss Carrington likes him in that way."

Here Calvert flicked the ash off his cigar, and looked at me before he continued: "It's not my business, and perhaps I'm gossiping, but Colonel Carrington is not addicted to changing his mind, and I anticipate a dramatic climax some day. In any case, he will never with his consent marry a poor man. You can take my word for it—I'm speaking feelingly."

When, after exchanging a few words

of cold politeness with the Colonel, I rode homeward the next morning, I wondered whether Calvert, who certainly was not given to gossiping, had intended this as a friendly warning. Every one in his own manner seemed bent on warning me, and yet, as long as Grace remained Miss Carrington, I could not give up hope, and it was that very hope that added force to every stroke of the glinting axe or another hour of toil to the weary day. And so, while spring melted into summer, I worked and waited until late intervened.

Now between the mining town and Cedar the river loses itself in a gloomy canon, one of those awful gorges which are common among the mountains of British Columbia. Two great rocks partly close the entrance, and beyond this the chasm is veiled in spray, while its roar when the floods race through it can be heard several miles away. Scarcely a ray of sunlight enters the shadowy depths, and looking up from beside the entrance one can see the great pines that crown the sheer fall of rock looming against the skyline in a slender lace-like filigree. Sometimes, when frost bound fast the feeding snows, the Siwash Indians ran their light canoes through, but I never heard of a white man attempting the passage, and one glance was sufficient to show the reason. I understood it better when as by a miracle I came alive out of the canon.

It was a still evening, and again the afterglow flamed behind the western pines, when, holding Caesar's rein, I stood under a hemlock talking to Grace Carrington. We had been compelled to wait for more ironwork, and I made the long journey on the specious excuse of visiting a certain blacksmith who was skilled in sharpening tools. Calvert's offer of hospitality was now proving an inestimable boon. Harry pointed out that we had a man in camp who could do the work equally well, but I found a temporary deafness convenient then.

"It was very kind of you to suggest it, and if you could get the things in by your supply train we should be very glad," she said. "I really do not know whom to write to, and the pack-horse freighters often wet or spoil them. Aunt and I intend to spend a few days at the Lawrences' ranch, and you could meet us with the package at the canon crossing on Thursday morning."

I glanced at the list she handed me, and wondered what Harry, who had to visit Vancouver, would say when he found I had pledged him to ransack the dry-goods stores for all kinds of fabrics. Still, I felt I should have faced much more than my comrades' remonstrances to please Grace Carrington then, as she stood beside me glorified as it were by the garish sunset.

"My aunt will be especially grateful," she added. "And now, good-bye. She will never forgive you if you damage her new dress."

She spoke with a half-mocking and wholly bewitching air, for when Grace unbent she did it charmingly, holding out a shapely hand, while the light sparkled among the glossy clusters above her forehead. Grace's hair might have been intended for a net in which to catch stray sunshine. Then while I prepared to take up the challenge the slender fingers tightened on my own.

"What was that?" she asked with a start, for a wild shrill cry rang suddenly out of the stillness, and the hillside returned the sound in a doleful wailing before it died away.

"Only a loon, a water-bird!" I said, though the cry had also startled me.

Grace shivered as she answered: "I have never heard it before, and it sounded so unearthly—almost like a warning of some evil. But it is growing late, and you have far to go. I shall expect you at the crossing."

She turned back toward the house, and I laughed at my momentary confusion as I rode on through the deepening shadow, for though it is strangely mournful the loon's shrill cry was nothing unusual in that land. Still, mere coincidence as it was, remembering Grace's shiver it troubled me, and I should have been more uneasy had I known how we were to keep that fateful tryst.

It was a glorious morning when, with a package strapped to the saddle, I rode down between the pine trunks to the crossing. The river flashed like burnished silver below, and the sunlight made colored halos in the filmy spray that drifted about the black mouth of the canon, while rising and falling in thunderous cadence the voice of many waters rang forth from its gloomy depths. The package was a heavy one, for there were many domestic sundries as well as yards of dry-goods packed within it. Harry assured

me it had taken a whole day to procure them, adding that he was doubtful even then whether he had satisfactorily filled the bill.

I had loitered some time on the hillside until I could see the party winding down the opposite slope. Then the forest hid them, and it appeared that, perhaps because the waters were high, they were not going straight to the usual ford, but intended first to send the ladies across in a canoe which lay lower down near a slacker portion of the rapid stream. The slope on my own side was steep, but, picking my way cautiously, I was not far above the river, which boiled in a succession of white-ridged rapids, when I saw Grace seat herself in the stern of the canoe, which Ormond thrust off until it was nearly afloat. Then he returned for her aunt, while Colonel Carrington and Rancher Lawrence led the horses toward the somewhat risky ford upstream. The river was swollen by melting snow, and it struck me that they would have some difficulty in crossing.

Then a hoarse shout rang out, "The canoe's adrift!" followed by another from the Colonel, "Get hold of the paddle, Grace!—for your life paddle!" It had all happened in a moment. Doubtless some slight movement on the girl's part had set the light Indian craft afloat, and for another second or two I stared aghast upon a scene that is indelibly impressed on my memory. There was Ormond scrambling madly among the boulders, tearing off his jacket as he ran, Colonel Carrington struggling with a startled horse, and his sister standing rigid and still, apparently horror-stricken, against the background of somber pines. Then forest and hillside melted away, and while my blood grew chill I saw only a slender white-robed figure in the stern of the canoe, which was sliding fast toward the head of the tossing rapid that raced in a mad seething into the canon.

Then I smote the horse, gripped the rein, and we were off at a flying gallop down the declivity. A branch lashed my forehead, sweeping my hat away; for an instant something warm dimmed my vision, and as I raised one hand to dash it away a cry that had a note of agony in it came ringing down the valley.

"Make for the eddy, Grace! For heaven's sake, paddle!"

How Caesar kept his footing I do not know. The gravel was rattling behind us, the trunks reeled by, and the rushing water seemed flying upward toward me. Even now I do not think I had any definite plan, and it was only blind instinct that prompted me to head down-stream diagonally to cut off the approaching canoe; but I answered the Colonel's shout with an excited cry, and drove the horse headlong at a shelf of rock. I felt his hoofs slipping on its mossy covering, there was a strident clang of iron on stone, and then with a sudden splash we were in the torrent together. Caesar must have felt the bottom beneath him a moment or two, for I had time to free my feet from the stirrups before he was swimming gallantly; but one cannot take a horse on board a birch-bark canoe, and the light shell shot down the green and white-streaked rush toward me even as I flung myself out of the saddle. And, staring forward with drawn-back lips and eyes wide open, I could see the white face in the stern.

Thanking Providence that I could swim well, I swung my left arm forward with hollowed palm, and shot away from the beast with head half-buried under the side-stroke's impetus, making a fierce effort to gain the center of the flow in time. Something long and dark swept past me. With an inarticulate gasp of triumph I seized it, managed to fall in head foremost over the stern, which in a tender craft of that beam is a difficult thing to do, and then, snatching the second paddle, whirled it madly. I felt the stout redwood bend at every stroke, my lungs seemed bursting, and there was a mist before my eyes, but it was borne in on me that I had come too late, and that already no earthly power could snatch us from the canon.

Hemlock and boulder, stream-hammered reef and pine, flitted by, closing in on one another along the half-seen shore. The river frothed white about us in steep boiling ridges as it raced down the incline, and nearer and nearer ahead tossed the ghostly spray cloud that veiled the mouth of the chasm. As we lurched broadside to the rapid each steeper liquid upheaval broke into the canoe; for every foot I won shoreward the stream swept us sideways two; and when, grasping the pole, I thrust against a submerged boulder with all my strength, the treacherous redwood snapped in half. Then there was a bewildering roar, a blinding shower of spray, and we were out upon the short slide of glassy green water which divided the tail of the rapid from the mouth of the canon. As I flung away the broken pole and groped for

(Continued on Page 13.)



The Big Store

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To Our Patrons and Customers: Greetings

We extend to you the compliments of the season. We can't meet each one of you personally, but through our dealings with you indirectly we have come to almost know you. We have needed your business and believe we may be pardoned in saying you have also needed us, and we shall aim to continue to conduct our business in such a manner that you will continue to need us.

We Wish You A Most Prosperous New Year. Sincerely,
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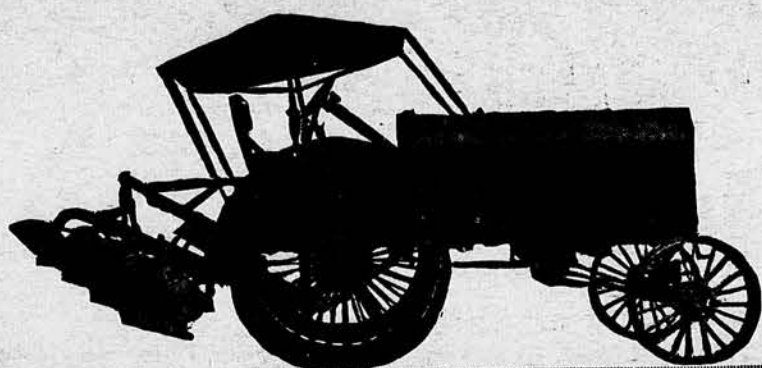
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The Tractor is the Big Four with twenty H. P. at the drawbar. The plow is the Emerson attached directly to the Big Four "20."

WHEN you get a Big Four Tractor, you get the steadiest, most dependable power in the world.

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Don't waste room and time in turning. Back up and plow out the corners.

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4 Cyl. 2-Speed	4 Cyl. 3-Speed	4 Cyl. 3-Speed	6 Cyl. 3-Speed

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Too many cheap incubators—too many wasted eggs—too many weak chicks—too many disappointments—too much money lost with poorly constructed machines. You can't afford to fool with them. The Queen is built to hatch without trouble. 14 valuable improvements on 1915 Model. Read about them in my free book. Queen Incubator Co., 121 Bryan Ave. Lincoln, Neb.

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Do you want winter eggs from Blue Ribbon stock? Stock and eggs for sale. Satisfaction guaranteed. Inquiries promptly answered.

Dr. W. W. Harrell, Box 216, Osawatomie, Kansas

Nebraska Hen Laid 286 Eggs

Championship Won By English Pen of White Leghorns

BY T. E. QUISENBERRY

ALL previous records have been broken in the National Egg Laying contest which closed December 1, at the Missouri poultry experiment station at Mountain Grove. Lady Laymore, a S. C. White Leghorn from Nebraska, tied the World's trapnest record for an egg laying contest. She laid 286 eggs in twelve months. She beat Lady Showyou's record by five eggs. The English pen of S. C. White Leghorns won the grand championship by laying 2297 eggs. Every hen in this pen except one laid more than 200 eggs.

Our experience with foreign pens leads us to believe that on account of the change of season, change of climate and long distances to travel, it is almost impossible to ship birds from Australia and New Zealand and other countries of equal distance and get satisfactory results. We believe we can breed from these pens one year at this place and raise their young in this climate and they will do better than their parents. Many of these pens did quite well, however, considering the fact that they were just about frying size when they reached here last December.

In this contest which just closed, 115

All Buff Wyandottes	169
Silver Wyandottes	167
R. C. Reds	164
Buff Orpingtons	163
Anconas	160
S. C. Black Minorcas	158
Black Langshans	154
Buff Leghorns	154
Buff Plymouth Rocks	148
White Orpingtons	143
Black Orpingtons	139
Campines	135
R. C. Black Minorcas	128
Black Rhinelanders	124

Keep the Hen's Feet Dry

Buff Orpington chickens are good winter layers, even with very little care. I have raised them for 10 years. In October we place our hens in open front houses, allowing 3 or 4 square feet of floor space to each hen. They stay there through the entire winter, as a hen with wet or cold feet will not lay. The floors are covered with a good litter of wheat straw.

In the mornings we throw wheat into the litter and soon after noon put ear corn in the small yards attached to the houses. They do not get too much corn when fed in this way. We give them milk every day, and an occasional feed of oats. Of course they are



The Hens in this Pen Belonging to Tom Barron, Catforth, England, Averaged 229.6 Eggs Last Year

hens laid more than 200 eggs each. The highest of these hens of each variety is:

S. C. White Leghorn, Nebraska	286
White Wyandotte, Pennsylvania	265
Barred Plymouth Rock, Iowa	254
Ancona, Missouri	243
Black Orpington, Nebraska	242
White Plymouth Rock, Texas	239
R. C. Rhode Island Red, Missouri	233
Silver Wyandotte, Missouri	230
Buff Orpington, Texas	230
S. C. Rhode Island Red, Missouri	227
S. C. Black Minorca, Missouri	225
Buff Wyandotte, New York	222
Campine, New Jersey	216
S. C. Buff Leghorn, Michigan	215
Black Langshan, Missouri	215
Buff Plymouth Rock, Missouri	210
White Orpington, Missouri	205
Black Rhineland, California	203

The hens in the National contest made an average of 159 eggs. Several hens did not lay an egg. These will be killed and examined to determine, if possible, what was the cause of their barrenness. Some of the foreign birds and some of the American birds which got late starts and were out of condition made creditable records after all. A hen may be held back and prevented from laying but when she does reach a normal state of health and condition she will make up for much of the time she lost, if she is properly bred. One of the highest laying pens in this contest was bred from a male bird which had one eye put out by rump. We do not recommend this practice, because it is unsafe.

As a comparison of foreign bred birds and American birds, all foreign S. C. White Leghorns averaged 158 eggs each and all American S. C. White Leghorns averaged 164 eggs each, making six eggs in favor of the American Leghorns.

The ten highest pens of 10 birds ranked as follows:

S. C. White Leghorns, England	2296
White Wyandottes, England	2047
White Wyandottes, Pennsylvania	2006
S. C. Reds, Missouri	1996
Barred Plymouth Rocks, Ohio	1897
S. C. White Leghorns, Pennsylvania	1821
Barred Plymouth Rocks, Illinois	1809
White Plymouth Rocks, Arkansas	1784
Silver Wyandottes, Missouri	1764
White Plymouth Rocks, Texas	1752

The average number of eggs laid by all hens of each variety was:

White Wyandottes	190
Barred Plymouth Rocks	176
S. C. White Leghorns	172
S. C. Reds	171
White Plymouth Rocks	171

supplied with fresh water, oyster shell and grit, and they have cabbage, small potatoes and table scraps.

From 75 pullets and yearling hens we sell about 60 dozen eggs a month, besides using a great many. This is just an ordinary record with the care any farmer can give poultry. We think it does not take as much feed to keep hens in good laying condition in winter when they are confined in warm houses or sheds, but they must have litter in which to work, and plenty of good pure air. We always set our hens early. Early pullets make winter layers. Mrs. S. W. Pieter.

Hiawatha, Kan.

Kansas Poultry Show Dates

Dec. 29-31. Liberal. J. J. Atherton, judge. G. M. Glenn, Sec.
Dec. 29-Jan. 2. Dodge City. J. J. Atherton, judge. C. M. States, Sec.
Dec. 30-Jan. 1. Manhattan. Kansas Agricultural College Show. Ralph Seale, J. C. Snyder, George Beuy, G. D. McClaskey, L. H. Wible, and E. W. Rankin, judges. N. L. Harris, Sec.
Dec. 30-Jan. 2. Smith Center. A. J. Meyer, judge. O. T. Vinsonhale, Sec.
Jan. 4-9. Hutchinson. D. T. Heimlich and J. J. Atherton, judges. W. B. Powell, Sec.
Jan. 5-9. Solomon. John C. Snyder, judge. E. C. Comstock, Sec.
Jan. 12-16. Kinsley. Carl W. Moore, Sec.

Feed Rye to Hogs

We have enough rye of this year's crop to finish about 30 hogs but have no corn. Will the rye make a good feed for this purpose? G. W. H.

McPherson county, Kansas.

It generally is estimated that rye has a feeding value about 10 per cent lower than that of corn when fed to fattening hogs. It is better to grind the grain and feed it in the form of a thick slop than to feed it whole. The dry meal forms a sticky mass in the hog's mouth that is not relished. Some feed such as tankage, skimmilk or shorts should be fed in connection with the rye. Rye is lacking in protein and does not give the best results when fed alone. It also will be a good plan to feed some corn in connection with the rye if the corn can be obtained at a reasonable price. T. W.

\$500 For Your Old Straw Stacks!

Learn How To Increase Your Farm Profits At Least \$5 An Acre!



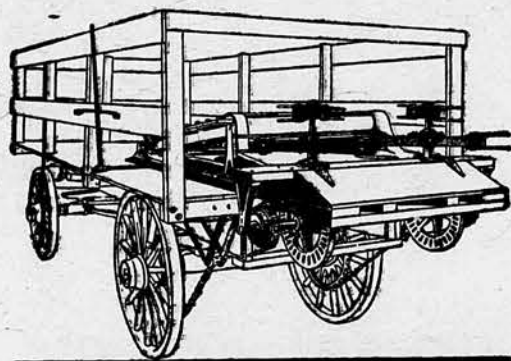
MANSON CAMPBELL
President
MANSON CAMPBELL CO.

Do you know that your old straw stacks can be turned into gold at the rate of \$2.50 a ton? Do you know that you can increase your farm profits at the rate of \$5.00 an acre by using this straw as a fertilizer and soil-saver instead of allowing it to take up valuable ground and rot in the stacks?

These are bed-rock facts. Hundreds of farmers throughout the Middle West—the most successful and most prosperous wheat farmers in America—are proving the truth of these statements and demonstrating each year the great value of straw spreading. Every farmer knows the value of straw—but he knows also the

back-breaking toil required to make use of this straw by the old pitchfork and hand method of spreading.

There has always been a great need for a mechanical straw spreader and now that need has been filled with a wonderful machine which I have called the **SIMPLEX STRAW SPREADER**. Surprising as it may seem, this machine will cost you, complete, less than the value of an ordinarily good calf, and yet this machine can add hundreds of dollars to your net profits every year.



The "SIMPLEX" Straw Spreader The NEW MONEY-MAKER FOR EVERY FARM

There is absolutely no doubt about the money-making value of this machine. I will ship it to any responsible farmer, all complete and ready for use, on a liberal 30 days' free trial, with the understanding that it must demonstrate to your entire satisfaction its money-making, money-saving value or it comes back to me without a cent of cost to you for the test.

The Simplex has stood the test in hundreds and hundreds of cases. I know positively what it will

do and I know that it will surprise you with its wonderful performance just as it has these hundreds of other successful western farmers.

It makes no difference whether you cultivate 40 acres or 400, or more or less. You need the Simplex Straw Spreader because it will increase your profits at a most pleasing rate, in fact it will add more to your net income for the year's work than ten times its cost invested in any other way.

A Few Letters in Proof!

"It takes a little work to spread straw, but it is just like putting money out at interest on the very best security."—THE DAKOTA FARMER.

Bigelow, Mo., April 14, 1914.
Manson Campbell Co., Kansas City, Mo.
Gentlemen—I purchased a Simplex Straw Spreader this spring and am pleased to say that it has done the work in good shape and according to your claim in every way. Yours truly, J. G. HINKLE.

Hazleton, Kansas, April 20, 1914.
Manson Campbell Co., Kansas City, Mo.
Dear Sirs:—The Simplex Straw Spreader does excellent work and I am much pleased with it. It is well worth the money.—JOSEPH PPOFF.

Attica, Kansas.
I like the straw spreader fine. It is just the making of my farm. I had a piece of sandy ground that had never raised anything. Corn would grow up about 2 feet high and tassel out, and the neighbors said that it would not sprout black-eyed peas. Last fall, a year ago, I sowed it to wheat and in the spring I took my straw spreader and covered it with straw and got 18 bushels per acre.—CURTIS M. BROWN.

Bantry, North Dakota.
Manson Campbell Co., Minneapolis, Minn.
Gentlemen:—I am more than pleased with my Simplex Straw Spreader. It certainly is a great thing for this country. The land that I spread with straw has not blown a bit, while some of my neighbors have lost anywhere from 30 acres up to a quarter section. I like your spreader fine—it does the work and does it well. Yours truly, WM. SCHILLING.

Owing to my large output I am able to quote you a price surprisingly low for the Simplex Spreader—and yet even that small price does not come out of your pocket in reality because the Simplex positively returns its cost and more the first three days you use it.

It is easy to spread straw the Simplex way. One man and a boy can easily spread twenty acres a day! One Man and a Boy Can Easily Spread 20 Acres a Day!

day—and you can handle wet straw, dry straw or old rotten stack bottoms with equally satisfactory results. You return to the soil the most valuable soil builder ever known—and it is a soil saver as well as a soil maker. It positively stops soil blowing and builds up the humus supply and conserves moisture to an extent that can be secured in no other way.

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I want you to read how William Knop, of Preston, Kansas, realized \$500.00 in extra profits the first year he used the Simplex. I want you to read how hundreds of others are preventing soil destruction and increasing farm profits by the use of this big-value, small-cost machine. The complete story is told in my big illustrated "proof book" which I want to send you free and postpaid. Just sign your name and address to the coupon below or on a postal card and mail to me today. Address

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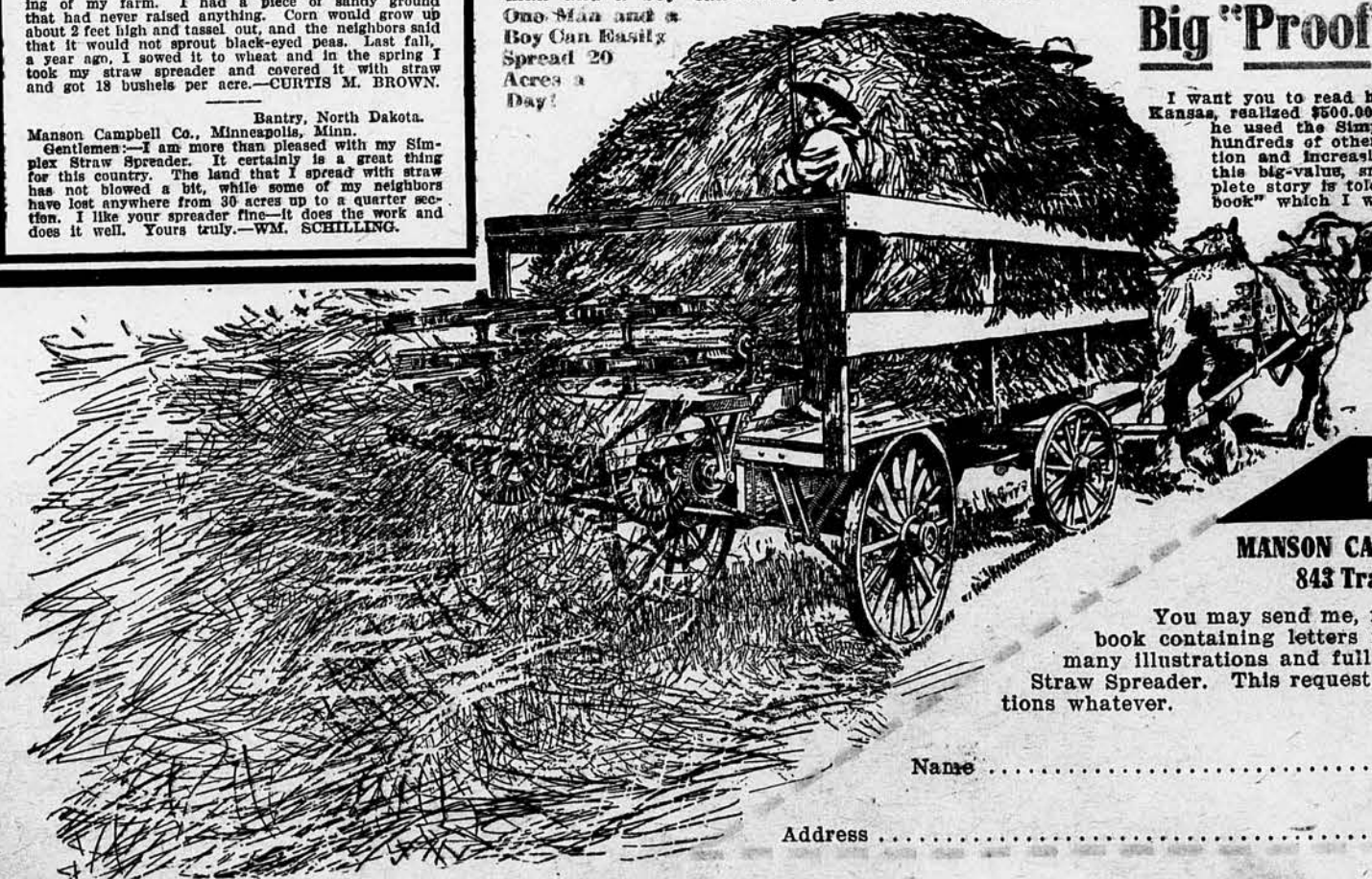
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Address



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Are your hogs lousy? Do they rub and scratch all the time? Are they thin and restless, with coarse hair and rough skin?

Just write me and I'll clean up those lice without its costing you one cent. I'll send you a Hog-Joy Oiler with a six months' supply of Hog-Joy Oil. You just put it in your hog pen—and watch those suffering hogs go to it.

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Growth of a Dairy Center

Montgomery County is Developing Into a Holstein Section

BY F. B. NICHOLS

A DEFINITE community task and a common interest are the most important things for any farming section. If the people are united on any one thing progress in other ways comes easily. This fact has become especially evident in the last two years in Montgomery county, since the farmers there have definitely decided to make that the Holstein center of southeastern Kansas. Under the leadership of the county farm agent, E. J. Macy, that section is making rapid progress in dairying.

The most interesting thing about this progress is that it has been taken up by so many classes of farmers. The Holstein enthusiasts have among their number the most efficient, substantial and wealthy men in the county. They include renters of all stages of advancement. They include a wealthy oil man, A. W. Shulthis of Independence; perhaps the most famous baseball pitcher in the world, Walter Johnson of Coffeyville; a doctor of Independence, Dr. D. A. Robinson; and a graduate of the Kansas State Agricultural college, Andrew Wheeler of Tyro. The men and women of Montgomery county are coming to have an increasing belief in Holsteins.

Business Rules Needed.

"The interest in dairying and Holsteins in Montgomery county has come as a result of a logical growth," said Mr. Macy a few days ago. "Dairy farming is profitable if it is handled in a business-like manner, and more than this, it aids much in maintaining soil fertility. The farmers of this section know that the declining crop yields indicate that more livestock is necessary. They are turning to dairy farming and to Holsteins because they believe in the money-producing ability of these animals, and the results are showing that this belief has not been misplaced."

The Shulthis-Robinson-Schultz herd of Holsteins at Independence is one of the larger. This herd now consists of 35 Holsteins most of which are purebred. It has several A. R. O. cows, one of which has a record of 82 pounds a day. Several have given more than 70 pounds, and several more are above the 60-pound level. The bull at the head of the herd is Sir Julianna Grace's De Kol. He is the great-grandson of the noted De Kol 2d. His sire's dam was Queen Julianna Dirke 97608, with a record of 1,022 pounds of butter in a year. The owners expect to increase the size of this herd quite extensively. All of these animals are to be purebred.

T. M. Ewing is another farmer of Independence who has gone into the Hol-

stein business on the basis of quality. He has about 25 purebred Holsteins, with a bull at the head of the herd that came from a remarkably high producing family. The average butterfat production for the bull's mother, grandmother, and great-grandmother for a week is a little more than 29 pounds, which is not so bad.

Andrew Wheeler and his father, G. R. Wheeler of Tyro have built up a remarkably good herd of Holsteins. They now have 35 head, many of which are purebreds. In connection with the development of this business, a remarkable butter trade has been established in Coffeyville. The trade there is all with selected customers, and prices are obtained for this butter that are well above the average.

Walter Johnson of Coffeyville, the noted baseball pitcher, has built up a mighty good herd of 20 Holsteins on his farm near that town. This herd includes A. R. O. cows, and a bull that came from the famous Holstein herd at the National Soldiers' home at Washington, D. C. Mr. Johnson bought this bull last year when he was playing with the Washington baseball team.

Other Purebred Herds.

E. J. Castillo of Independence has 19 Holsteins. G. H. Ross and T. C. Leslie of the same town have good foundation stock for the development of purebred herds, although their herds are not large now. Other men having purebred herds of importance in the county are: J. C. Talbert, George Farnsworth and Charles Stewart, Independence; J. W. Bear, Joe Bear, Gilbert Smith and E. C. Gordon, Jefferson; M. E. Kelso, Havana; John Hooker and H. W. Tasker, Tyro; Albert Cooper and C. J. Duncan, Coffeyville and Frank Chichester, Cherryvale. Other farmers having good herds of grades with purebred bulls are: G. W. Waggoner & Son and E. K. Owens, Independence; W. C. Dunlap, Liberty; Roy Adams, Lafontaine; H. D. Shinn, Joe Duncan and A. H. McConnell, Cherryvale; W. F. Dunbar, Jefferson, and C. Lucius of Elk City.

Fine progress in many ways is coming as a result of this interest in good cows. There now are 135 silos in the county of which 30 were built in 1914. It is expected that a great many will be erected this coming year. While several kinds of silos have been built, the most interest is in the more substantial forms. The brick tile silos with the concrete door jams are very popular. Silos of this kind are fairly cheap, and they are substantial if they are properly constructed.

Milk and Butterfat Records

The Pioneer Cow Testing association of Dickinson county reports 43 cows that produced more than 30 pounds of butterfat last month. This is a 30 per cent increase over the number reported the month before.

A Holstein cow on the Acme stock farm made the highest record for butterfat production for the month. John V. Joy, the official tester, credits her with 59.3 pounds. The cow that produced the most milk for the month is owned by E. S. Engle & Son. She is a Holstein, and her record was 1362 pounds.

These are the owners of the cows that made large enough records last month to get their names on the official report:

E. S. Engle & Son, 10 Holsteins; John Leshner, four Shorthorns; R. E. Hershey, one Shorthorn; Acme stock farm, eight Holsteins; D. Sheets, four Shorthorns and one Jersey; D. S. Engle, two Holsteins; L. L. Engle, one Shorthorn and one Holstein; J. R. Sterling, two Jerseys; F. Muench, one Shorthorn; George Lenhart, five Holsteins; O. L. Thisler, two Guernseys; B. Clinger, one Holstein.

Usual Cause of Foamy Cream

When the cream will not churn into butter, but foams instead, the trouble usually is due to bacteria that prevent it from souring properly. The only way

to remove the trouble is to get rid of the bacteria. R. C. Potts, of the Oklahoma station, recommends that this be done by scalding thoroughly all utensils used in handling the milk or cream. Do not attempt to ripen the cream by adding some of the older cream to it. Boiling water brought in contact with the germs will kill them, and by removing all possible source of contamination of the new cream from the old you will remedy the trouble.

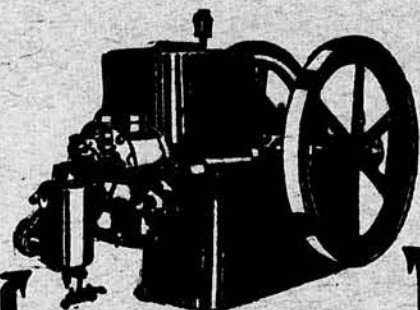
If this does not produce proper results it may be that there is an infection within the udder of the cow. It will be necessary to syringe out the udder with some disinfectant, if this is the case. No person should attempt this who does not understand how to use the syringe without infecting the animal.

Gospel Text Calendar

The Farmers Mail and Breeze has received a copy of the Gospel Text Calendar for 1915, published by H. S. Hallman, Berlin, Ontario. It is a beautiful 13-page calendar, containing a Bible text for every day of the month, and large calendar at the bottom. Beautifully printed in colors. The price is 25 cents, postpaid.

Belligerent war-ships are not permitted to remain near the terminals of the Panama Canal longer than 24 hours.

Natural gas has lately come into use in Hungary.



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stock and fair education to work in an office; \$50 a month with advancement, steady employment, must be honest and reliable. Branch offices of the association are being established in each state. Apply at once, giving full particulars. The Veterinary Science Association, Dept. 22, London, Canada.

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K. K. Foot, Ashley, Ohio, writes: "Please find draft for spreader received October 5th. Assure you I am more than pleased with same. It has proven all you claim and more. By buying of your company, I saved \$21.00 and got just what I was looking after."

My Book "A Struck of Gold" FREE tells all about handling manure to get the greatest profit. Do not buy a spreader of any make at any price until you have dropped a postal asking for this great book. It is yours for nothing, and my \$100,000 SPREADER CATALOG that tells the facts about the spreader business. Mailed free. Get Right on this spreader proposition before you buy.

Wm. Galloway, Pres.
Wm. Galloway Co.
49 Galloway St., Watervliet, Iowa

Lorimer of the Northwest

(Continued from Page 9.)

the paddle I saw with eyes that were clouded by blood and sweat Grace raised her hand as in a last farewell, and then as she faced round once more our glances met. She said no word. I could not have heard if she had, for all sound was swallowed up in one great pulsating diapason but she afterward said that she felt impelled to look at me, and knew that I would turn my head. And so for an instant, there where the barriers of caste and wealth had melted away before the presence of death, our two souls met in a bond that should never be broken.

Now there are occasions when even the weakest seem endowed with a special strength, while a look of blind confidence from the woman he loves is capable of transforming almost any man, and I knew in the exaltation of that moment, for my own sake, I had no fear of death. If I could not save her, I felt it would be a good end to go down into the green depths attempting it.

Then the canoe lurched forward half its length clear of the water, a white haze eddied about us, the sunlight went out, and we were in the canon, shooting down the mad rush of a rapid toward eternity. I plied the paddle my hardest to keep the frail craft head on, that she might not roll over by sheering athwart the stream, not because I had any hope of escape, but that it seemed better to go under fighting. The work was severe enough, as, not having learned the back-feather under water, I must dip the blade on either side alternately, while each time that I dared turn my eyes backward a moment the sight of Grace kneeling with set white face in the stern further strengthened me. The pace grew a little easier as we drew out into a somewhat slack flow, and I made shift with an empty fruit-can to free the craft of water, until Grace spoke, and her words reached me brokenly through the deeper growling of the river:

"Do you think there is any chance of safety?"

"Yes," I answered stoutly, though it is probable my voice belied me. It was so strained I could hardly recognize it. "The canoe may keep afloat until we reach the other end, or perhaps we can find a bar to land on and climb up somewhere." Then I felt glad that my shoulders were turned toward her as she said:

"I am afraid it is a very small one. There is a fall and a whirlpool ahead, and no one could climb that awful precipice—look!"

The canoe was shooting onward through dim shadow very fast but more steadily, and raising my eyes from the dull green water before us—these craft are always paddled with one's face toward the bow—I looked about me hopelessly. In these days of easy travel there are doubtless many who have from a securely railed-off platform gazed down into the black depths of a Pacific Slope canon upon a river that seems a narrow thread in the great gulf below. These will have some idea of what I saw, but they may take the word of one who knows, which is easier than making the experiment, that such places look very much worse from the bottom. Those who have not may try to picture tremendous—and the word is used with its amplest significance—walls of slightly overhanging rock, through which aided by grinding boulders and scoring shingle, the river has widened as well as deepened its channel a little every century, while between the white welter at their feet lies a breadth of troubled green where the stream flows heaped up, as it were, in the center.

In places it roared in filmy wreaths about a broken mass of stone that cumbered the channel, but elsewhere the hollowed sides, upon which the smallest clawed creature could not have found a foothold, had been worn into a smooth slipperiness.

"It is all so horrible," said Grace, bending back her head so that as I glanced over my shoulder I could see her firm white neck through the laces as she stared upward at the streak of blue sky so far above. Then she turned her face toward me again, and it seemed to my excited fancy that it had grown ethereal.

"We may pass the whirlpool, and—if not—death can come no harder here than in any other place," she added.

I tried to answer, and failed miserably, feeling glad that an increasing tumult covered my silence, for I could not drive out a horrible picture of that fair face with the gold bronze hair swept in long wet wisps across its washing out, frozen still forever, into the sunlit valley, or the soft hands I should have given a life to kiss clutching in a last vain agony at the cruel stones which mocked them. Then I set my teeth, clenching the paddle until each muscle swelled as though it would burst the skin, and, with some-

thing that was divided between an incoherent prayer and an imprecation upon my lips, I determined that if human flesh and blood could save her she should not perish.

The roar of the water grew louder and louder, rolling in reverberations along the scarped rock's side, until it seemed as if the few dwarf pines which clung in odd crannies here and there trembled in unison, and once more the white smoke of a fall or rapid rose up close before us. Then I could see the smooth lip of the cataract held apart, as it were, by one curved glittering ripple from the tumult beneath, and I remembered having heard the Indian packers say that when shooting a low fall one has only to keep the craft straight before the current, which is not always easy, and let her go.

"Sit quite still, Grace," I cried. "If the canoe upsets I will at once take hold of you. We shall know the worst in another few minutes now."

Her lips moved a little, and though I heard no words I fancied it was a prayer, then I turned my head forward and prepared for the struggle. I had small skill in handling canoes, but I had more than average strength, and felt thankful for it as, lifting the light cedar at every wrenching stroke, I drove it toward the fall. Then a whirling mist shot up, there was a deep booming in my ears, the canoe leaped out as into mid-air, and I could feel her dropping bodily from beneath us. A heavy splash followed, water was flying everywhere, and a boiling wave lapped in, but the paddle bent under my hand, and breathless and half-blinded we shot out down the tall rush into daylight again. One swift glance over my shoulder showed the slanting spout of water behind Grace's pallid face. The fall apparently must have been more than a fathom in three yards or so, and I wondered how we had ever come down it alive.

Then, with labored breathing and heart that thumped painfully, I plied the paddle, while the craft swung off at a tangent across the dark green whirling which, marked by white concentric rings, swung round and round a down-sucking hollow in the center. Twice we shot past the latter, and had time to notice how a battered log of drift-wood tilted endways and went down, but as on the second revolution we swept toward a jutting fang of quartz I made a fierce effort, because here the stream had piled a few yards of shingle against the foot of the rock. The craft yielded to the impulse and drove lurching among the back-wash. Then there followed a sickening crash. Water poured in deep over her depressed side as she swayed downward and over, and the next moment, with one hand on the ragged quartz and another gripping Grace's arm, I was struggling in the stream. Fortunately the dress fabric held, and my failing strength was equal to the strain, for I found a foothold, and crawled out upon the shingle, dragging her after me. Then rising, I lurched forward and went down headforemost with a clatter among the stones, where I lay fighting hard for breath and overcome by the revulsion of relief, though it may have been the mere physical over-pressure on heart and lungs that had prostrated me.

TO BE CONTINUED.

No Cure for Moon Blindness

I have a draft mare afflicted with moon blindness. The left eye only has been affected. It is almost sightless. Lately the right eye has begun to emit a secretion that hardens into a wax-like substance. What can be done to cure the horse, or to improve its condition?

There is no known cure for moon blindness of horses. The reason for this is that the cause of the disease never has been determined positively. It is believed to be of an infectious nature. The condition is characterized by the sudden blindness which soon disappears but has a tendency to re-appear at intervals of from a few weeks to two or three months. An animal that has an attack in one eye usually becomes affected in the other eye. Blindness is almost invariably the final result.

During an attack it is advisable to wash out the eye once or twice daily with a 2 per cent solution of boric acid. A few drops of the following mixture should then be put in the eye:

Stropline sulphate 3 grains
Cocaine hydrochlorate 6 grains
Water sufficient to make 1 ounce.

This remedy is not curative but it assists the eye in overcoming the temporary attack and lessens the pain incident to the disease.

Dr. R. R. Dykstra.

Kansas State Agricultural College.

A lot of fellows, after they have thrown their hats into the ring, slip around on the other side and fish them out again.

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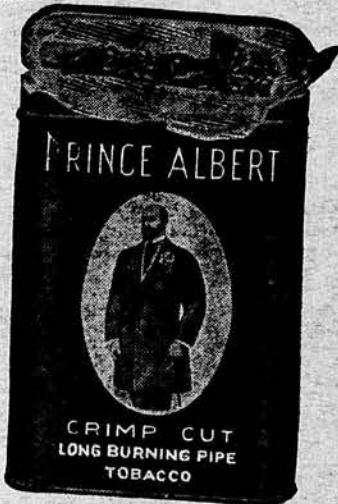
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The Government this year is asking farmers to put increased acreage into grain. Military service is not compulsory in Canada but there is a great demand for farm labor to replace the many young men who have volunteered for service. The climate is healthful and agreeable, railway facilities excellent, good schools and churches convenient. Write for literature and particulars as to reduced railway rates to Superintendent Immigration, Ottawa, Canada, or to

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Horse Hides (as to size), No. 1, \$3.50 to \$5; No. 2, \$2.50 to \$4.
Write for prices and shipping tags. Payments made promptly.

PAID ADVERTISEMENT.

PAID ADVERTISEMENT.

What the Railroads Do With Their Income

WHY THEY ARE CONSIDERED THE GREAT BUSINESS BAROMETER OF THE NATION

In contemplating the crisis which confronts the railroads at the present time, and which was briefly explained in last week's article, it is important for the reader to realize that the railroads and the public face each other under radically changed conditions today from those which prevailed a few years ago. The abuses and scandals which have been aired before the Interstate Commerce Commission during recent months were perpetrated for the most part under the old regime of a dozen or so years ago, and can never be repeated under the conditions which now prevail. On the one hand, the Interstate Commerce Commission and the different states, either through their Public Utility Commissions or Legislatures, say what rates the railroads shall charge for service. In addition to this a proposal is now pending in Congress to give the government the right to investigate all new interstate securities before they can be placed upon the market, while similar authority is already being exercised within the states by the different public utility commissions, including Kansas. This means that the last vestige of control over their finances will have been taken away from the railroads and that henceforth their fate will lie absolutely in the hollow of the people's hands. In this connection, we wish to again remind the reader that the hundreds of honest railroads officials throughout the country—men who have managed their properties without a breath of scandal or public criticism—should not be condemned because of the misdeeds of the few. With an aroused public conscience on the one hand and scores of railroad officials throughout the country sincerely and actively co-operating with the different public authorities on the other, we can safely let bygones be bygones—wipe the slate, and, with a square deal for the people, the investor and the railroads alike, "start over again."

THE PRESIDENT'S ANXIETY.

In last week's article we quoted a portion of President Wilson's recent reply to a group of Eastern railroad executives. That the President has become profoundly concerned over the present crisis which confronts the transportation companies is once more made strikingly apparent in his letter concerning the inauguration of the new banking system to Secretary McAdoo a few days ago. In this letter he referred to this matter in the following language:

"The railroads of the country are almost as much affected (by the war), not so much because their business is curtailed as because their credit is called in question by doubt as to their earning capacity. There is no other interest so central to the business welfare of the country as this. No doubt, in the light of the new day, with its new understandings, the problem of the railroads will also be met and dealt with in a spirit of candor and justice."

Like utterances have come from scores of other prominent public men and financiers during the last few weeks—men who are above making a selfish plea for any private or corporate interest and whose sole desire is that American Business shall emerge from the present precarious situation without disaster. Under these circumstances it is the merest folly for any citizen to treat the present crisis lightly or flippantly, for we are passing through a period in which the financial resources of every nation in the world will be tested as never before.

WHERE RAILROAD RECEIPTS GO.

In order that the reader may realize what a tremendous factor the railroads are in the every day business life of the nation and what they mean to its prosperity, we wish to analyze briefly what becomes of an average year's railroad income. Just as the idea has prevailed in

the minds of many that the railroads are owned by a few rich men, so the thought has also found deep root that they collect millions of dollars from the public which go into the coffers of a handful of millionaires, and which are permanently withdrawn from the thrift and industry of the people.

At the close of the fiscal year ending June 30, 1913, the records at Washington show that the railroads of the United States had collected a gross income from all branches of their service amounting to \$3,118,929,318. Of this sum, \$1,373,830,589 was paid out for labor—or, to put it in another way, almost 50 cents out of every dollar they took in was immediately paid out to the hundreds of thousands of men and women whom they employ in the conduct of their business. For maintenance of way, equipment, depots, etc., they disbursed \$929,167,491—or almost another thousand million dollars—and in this vast item the reader can grasp what railroad prosperity means to the great steel mills, the lumber and coal industry, the big car and locomotive building concerns, and other sources of railroad supplies. In taxes they paid out the enormous sum of \$129,052,922, which helped to maintain the public schools, public highways and other revenue expenses of every state, county and incorporated town and city in the country. After the interest had been paid on their funded debt and all other characters of expense had been met, they had \$153,426,676 left out of which to declare dividends and to use as a surplus fund for emergencies of one kind and another.

In other words, after the railroads got through paying for their labor, steel, lumber, coal, interest and other necessary expenses, the above little more than \$153,000,000 was all the surplus they had left for themselves out of an income of more than three billion dollars—and this, too, upon properties worth the gigantic sum of twenty billion dollars, or less than 1 per cent on the total investment. Thus it can be seen that on the basis of the present rates the railroads pay back to the public in one way and another practically every dollar they receive for service.

BURNING CANDLE AT BOTH ENDS.

As a matter of fact, if every railroad in the country had charged off a proper percentage for depreciation, instead of having had a surplus of \$153,000,000 left in 1913 they would have had an actual deficit running into the millions. Some of the larger systems have a fixed yearly depreciation charge—but scores of the weaker liners, in their frantic endeavor to pay the interest on their debts and maintain the standing of their securities, use every dollar of their income to this end, and hence one of the most alarming phases of the present railroad situation is that this process of "burning the candle at both ends" means a deterioration of rolling stock and roadbeds which will render the continuance of adequate and safe service for the public impossible. In a recent article, James J. Hill, the great "Empire Builder of the North" points out that American railroads should spend at least \$500,000,000 annually in improvements and betterments—and it is therefore no exaggeration to say that rapidly deteriorating equipment is one of the ghosts which haunts hundreds of railroad managers throughout the country at the present hour.

As was stated in last week's article, the operating income of the railroads for the fiscal year ending June 30, 1914, was \$120,000,000 less than for 1913, while expenses and taxes were \$76,000,000 greater. It can therefore be seen at a glance that unless the railroads are given some increase in rates in the very near future the time when many of them will go upon the rocks of financial ruin is not far off—and yet the slight

increase necessary to save them is so small that the average citizen would not be conscious of it after it had gone into effect. In a future article this question will be more fully discussed.

A BAROMETER OF PROSPERITY.

It is an old saying that when the railroads are prosperous everybody is prosperous, and the manner in which their income is disbursed, as above explained, tells the reason why. In short, for years they have been regarded as the great business barometer of the nation. No other industry in the country employs so many men as do the railroads, and, furthermore, it is a high grade of labor employed upon as lucrative a basis as obtains in any other large industry. When times are good nearly two million people, first and last, are employed by the railroads, and when this vast army is working full time and is contented the millions they pay out for merchandise and for the living necessities produced on the farm cannot help but have a tremendous effect upon the commerce and agriculture of the country.

But this is only half the story. Aside from the nearly two million operatives directly employed by the railroads in normal times, the hundreds of thousands of men who work in the great steel mills, the coal mines, the lumber industry and in the big car and locomotive shops are equally vitally affected, for when the railroads are making extensive improvements and buying heavily of these supplies it means that these great industries are running full shift, while when the railroads are subsisting only upon the absolute necessities it means that many of them are only working half shift.

FARMER VITALLY CONCERNED.

That the farmer has a very vital and personal interest in this situation should be apparent at a glance. When the millions of laboring men in the United States are profitably employed and when all our great industrial enterprises are running full shift it means that he will have a larger demand and receive a higher price for the things he produces on his farm—for his corn, wheat, pork, beef, mutton, cotton, wool and other farm products. In other words, so interdependent have we become, and so closely allied are the interests of the farmer, the merchant, the manufacturer, the laborer and every other great national industry, that the prosperity of one has become the prosperity of all.

(To Be Continued Next Week.)

For Less Tenant Farming

Tenant farming and absentee landlordism are the greatest problems with which a farm community is confronted. The average tenant farmer does not try to improve the farm itself, neither is he interested in the permanent welfare of a community. The absent landowner also is not interested in local affairs.

A recording tax of 1 per cent is the way the states of New York, Minnesota and Wisconsin tax mortgages, a better way than our way. It may be objected that this still is double taxation. Its effect, however, is to make a great deal more money available for loans on real estate and to bring in more revenue to city, county and state than the present way we have which puts a premium on dishonesty and perjury. Not only does a recording tax tend to lower interest but it assists the farming industry and promotes home owning. Any policy which hinders investment in real estate is a mischievous policy, and that is what the full tax on mortgages does.

The result of this is that a community, where the tenant system prevails, will not be progressive.

One single law it seems to me would largely remedy the whole thing. Tax land owned by people who do not work that land at a much higher rate than that which is owned and worked by the same man. An actual farmer, then, could afford to pay more than a speculator or a capitalist.

At present we are rapidly drifting toward the condition which prevails in Europe, where a few men own all the land, and all the rest of the people work for them. Capital is necessary and a benefit to the country when invested in

other lines. Why not see that it is used for the upbuilding but not the weakening of our country?

Crete, Neb.

A. F. Yeager.

Capper Boys Who Won Prizes

Here is the complete list of prize winners in the Capper corn and kafir contests conducted by the Farmers Mail and Breeze this year:

BEST FARMED ACRE OF CORN CONTEST.

Trophy cup, Ralph Muir, Salina, 87 4-10 bushels.

Bronze medal, Walter Delfelder, Effingham.

Bronze medal, George McClelland, Maple Hill.

Honor diploma, Jesse Sweezer, Lawrence.

Honor diploma, H. Glenn Hayden, Devon.

Honor diploma, Archie Nichols, Redfield.

BEST SINGLE EAR OF CORN.

Trophy cup, Cecil Glick, Olin, Iowa.

Bronze medal, Jay Lawrence, Coschocton, Ohio.

Bronze medal, Lewis Bevan, Clarksville, Ohio.

Honor diplomas to the following:

W. M. Groninger, Bendena, Kan.

Pete Reed, Ft. Scott, Kan.

Deckey Jones, Ottawa, Kan.

Elsworth Bailey, Unionville, Iowa.

Olin Meyer, Overbrook, Kan.

George Shaffer, Spencer, Ohio.

Ray C. Johns, Emporia, Kan.

Glen G. Smith, Waverly, Kan.

Harold McPeak, Tecumseh, Kan.

Arthur Hartsell, Limestone, Tenn.

BEST ACRE YIELD OF KAFIR.

Trophy cup, Otis Stevenson, Garden City, Kan.

BEST DISPLAY OF FIVE KAFIR HEADS.

Trophy cup, Roy Mehrwein, Whiting, Kan.

Bronze medal, Lonnie Williams, Matfield Green, Kan.

How to Test Grain

Kindly give me the laws and rules regarding the testing of grain.

Any, Kan. GEORGE BOLTZ.

I do not know of any law regarding the manner of filling and using a test kettle. There are several methods in common practice. The Chief Grain Inspectors' National association recommended to the Grain Dealers' National association, in connection with the uniform grain grades, the following manner of testing grain with a test kettle:

Place the kettle where it cannot be jarred or shaken, pour from a scoop, bag or pan, held two inches from the top of the kettle at a moderate rate of speed until running over. Strike off in a zigzag manner with the edge of the beam held horizontally.

The most accurate way of filling a test kettle is to have a funnel placed at a given distance above the kettle with a fixed opening at the bottom. This method always allows the grain to fall the same distance and through the same size of opening. This enables you to make the test accurately on the same sample of grain and practically duplicate your results. In the absence of more suitable apparatus, the method recommended by the chief grain inspectors probably is the most satisfactory one to use.

L. A. Fitz.

Kansas State Agricultural College.

Fine Program For Farmers

The men, women and children who attend the state-wide farmers' institute at the Kansas State Agricultural college December 28 to January 1, will be interested in knowing that a number of famous speakers will give lectures during the institute.

For the women interested in domestic science, the visit of Mrs. Roxana Beecher Preuzner of Lawrence will be of special interest. Mrs. Preuzner is a niece of Katherine Beecher, the founder of domestic science. She is an interesting speaker and is considered an authority on subjects which lead toward better living in the home.

Andrew Boss, director of agriculture and farm management in the school of agriculture, University of Minnesota, will give an address December 30 on "Farm Management." J. C. Mohler, secretary of the Kansas state board of agriculture, and Dr. S. J. Crumrine, secretary of the board of health, will be present. George R. Helder, superintendent of the Hays Experiment station, will give a talk on kafir. M. L. McClure of Kansas City, Mo., a member of the federal reserve board for the Kansas City district, will give a talk December 31 on "The Relation of the Banker to the Livestock Farmer."

Harry Lamon of the United States Department of Agriculture will show "movies" on poultry. Other addresses will be given by George C. Wheeler, associate editor of the Kansas Farmer; Turner Wright, livestock editor of the Mail and Breeze; A. J. Glover, associate editor of Hoard's Dairyman; and George Neff, associate editor of the Drovers' Telegram, Kansas City, Mo.

FARMERS CLASSIFIED PAGE

Advertisements will be inserted in this department for 5 cents a word each insertion for one, two or three insertions. Four or more insertions 4 1/2 cents a word each insertion. Remittances should preferably be by postoffice money order. All advertisements are set in uniform style. No display type or illustrations admitted under any circumstances. Each number or initial counts as one word. Guaranteed circulation over 110,000 copies weekly. The rate is very low for the large circulation offered. Farmers Mail and Breeze is the greatest classified advertising medium in the farm paper field. It carries the most classified advertising because it gives the best results. Here is a splendid opportunity for selling poultry, livestock, land, seeds and nursery goods, for renting a farm, for securing help or a situation, etc., etc. Write for proof that it pays. Everybody reads these little ads. Try a classified for results.

POULTRY

PLYMOUTH ROCKS.

BARRED ROCK COCKERELS \$1 EACH.
W. G. Bull, Marysville, Kan.

BUFF ROCK COCKERELS FOR SALE.
Mrs. Perry Myers, Fredonia, Kan.

BUFF ROCK COCKERELS FOR SALE.
William A. Hess, Humboldt, Kan.

BARRED COCKERELS, \$1.00, TEN YEARS
breeding. W. Speelman, Marysville, Kan.

BUFF ROCK COCKERELS \$2.00 TO \$5.00
each. Ferris and Ferris, Effingham, Kan.

BARRED ROCKS, 68 PREMIUMS, STOCK
for sale. Mattie A. Gillespie, Clay Center,
Kan.

BIG TYPE BARRED ROCKS, SHOW
birds and breeders. A. H. Duff, Larned,
Kan.

BARRED ROCK COCKERELS, PRIZE
winners. Mrs. Ethel Lunceford, Mapleton,
Kan.

GUARANTEED BARRED ROCK COCKER-
els, \$2.00 each. Harry Cummins, Toronto,
Kan.

PURE WHITE ROCK COCKERELS, \$1.25
each. Miss Cora Stephenson, Argonia,
Kan.

BEAUTIFUL BARRED ROCK COCKERELS
and pullets. Lloyd Ruppenthal, Russell,
Kansas.

BARRED ROCK COCKERELS, \$1.50 AND
\$2.00 each. Dave Baker, Conway Springs,
Kansas.

FOR FINE BARRED ROCK COCKERELS
Inquire of Wm. C. Mueller, Route 4, Han-
over, Kan.

BIG BARRED ROCK COCKERELS, \$1.50
each, 6 for \$7.50. Chas. Cornelius, Black-
well, Okla.

FIFTY BUFF ROCK COCKERELS; REA-
sonable prices. Mrs. M. E. Stevens, Hum-
boldt, Kan.

PURE WHITE ROCK COCKERELS—
Beauties. \$3.00 each. Mrs. Elmer Lane,
Burlington, Kansas.

CHOICE BARRED ROCK COCKERELS.
Heavy laying strain; \$2 each. L. B.
Brady, Fowler, Kan.

PURE BRED BARRED PLYMOUTH ROCK
cockers, \$1.00 to \$5.00 each. Mrs. C. N.
Bailey, Lyndon, Kan.

CHOICE BARRED ROCKS, COCKERELS
and pullets, pure bred. Mrs. Tom Curd,
Route 4, Lawrence, Kan.

MCCARTHY'S BARRED ROCKS. CHOICE
farm raised cockers \$2 each. Mrs. Dan
McCarthy, Newton, Kan.

FOR SALE—PURE BRED BUFF ROCK
cockers. Write me for prices. R. Houdy-
shell, Pawnee Rock, Kan.

WEIGHER-LAYER BARRED ROCKS, 106
premiums. Early cockers \$2.00 up. W.
Opfer, Clay Center, Kansas.

BARRED ROCKS, WINNERS EVERY-
where. Cockerels, cockerel bred, \$3.00-
\$7.00. Chas. Colten, Valley, Neb.

PURE BARRED ROCK COCKERELS.
Fine, big boned, early, \$1.00 each. Mrs.
George P. Field, Randall, Kan.

WHITE ROCKS, BIG BONED, SNOW
white. Prize winners. Cockerels \$1.50 to
\$5.00 each. Mrs. Ben Miller, Newton, Kan.

THE NEXT 30 DAYS WILL SELL MY
Barred Rock cockers \$2.00 each; good
laying strain. Mrs. John Yowell, McPherson,
Kan.

FOR SALE—PURE BRED BUFF ROCK
cockers \$2.00 each. A few choice pullets
\$1.50 each. Mrs. E. M. Gilbert, Coldwater,
Kan.

TWO BREEDS—PURE BRED BARRED
and White Plymouth Rock cockers and
pullets from prize winners. H. F. Hicks,
Cambridge, Kan.

QUIT BUSINESS SALE, PRIZE WINNING
B. Rocks, for next 30 days. Cks. \$2-\$5;
females \$1.50-\$2.50. Order quick. Mrs. Chris
Bearman, Ottawa, Kan.

WHITE ROCKS, LARGEST, WHITEST
and highest scoring birds in the West.
100 big snow white cks. and pullets for
sale. Chas. C. Fair, Sharon, Kan.

BARRED PLYMOUTH ROCK COCKERELS
and pullets, very large, laying strain. \$1.50
each, 4 for \$5.00. Premium winners, \$2 and
\$3. Mrs. A. M. Markley, Mound City, Kan.

ONE HUNDRED RINGLET BARRED ROCK
cockers for sale. Both matings. Barred
to skin. Prices \$1 to \$5. Write me your
wants quick. Only thirty days' sale. M. P.
Thielen, Barred Rock Fancier, Lucas, Kan.

FIFTEEN WHITE ROCK HENS AND
thirty select pullets at \$1 and \$1.50. Twen-
ty choice cockers at \$2 and \$3 each. All
bred by first cock and first cockerel of
Missouri State Show. D. J. Ward, R. 7,
Severance, Kan.

BARRED ROCKS, 300 BIRDS FOR IM-
mediate shipment. We lead, others follow.
Won more prizes at Southwestern show than
any other exhibitor. Vice Pres. and Sec'y
of State Barred Rock Club. Fred Hall, Lone
Wolf, Oklahoma.

LEGHORNS.

S. C. W. LEGHORN COCKERELS, \$1. MRS.
Mamie Immer, Mullinville, Kan.

SINGLE COMB BROWN LEGHORN COCK-
ers. Henry Ketter, Seneca, Kan.

SINGLE COMB BROWN LEGHORN COCK-
ers. C. A. Lucas, Route, Lewis, Kan.

CHOICE S. C. WHITE LEGHORN COCK-
ers. Mrs. W. R. Hildreth, Oswego, Kan-
sas.

CHOICE S. C. WHITE LEGHORN COCK-
ers, one dollar. John Bradley, Garnett,
Kan.

R. C. W. LEGHORN COCKERELS, \$1
each or 6 for \$5.00. Mack Posey, Larned,
Kan.

PURE EVEN BUFF S. C. LEGHORN
cockers. 6 for \$5.00. Geo. Dorr, Osage
City, Kan.

ROSE COMB BROWN LEGHORN COCK-
ers. Guaranteed to please. \$1.00 each.
Dicie Gepner, Clyde, Kan.

PURE ROSE COMB BROWN LEGHORN
cockers, \$1. Satisfaction guaranteed. E.
M. Phillips, Tescott, Kan.

MY FAMOUS S. C. W. LEGHORNS WIN
everywhere. Cockerels and pullets, \$1 up.
Geo. Patterson, Lyndon, Kan.

S. C. W. LEGHORN COCKERELS FROM
prize winning stock, \$1.00. Six for \$5.00.
Chas. McFadden, Morland, Kan.

ROSE COMB BROWNS THAT WON THE
blues at Hutchinson State Fair. \$1.00 and
upwards. Otto Borth, Plains, Kan.

PURE ROSE COMB BROWN LEGHORN
hens 75 cts. each. Indian Runner ducks
\$1 each. Mrs. J. H. Etherton, Troy, Kan.

FOR SALE—HIGH SCORING S. C. W.
Leghorn cockers. Official score card
with each bird. E. L. M. Benfer, Leona,
Kan.

PURE BRED SINGLE COMB BROWN
Leghorn cockers for \$1.50 to \$2.50. Best
laying strain. Satisfaction guaranteed. R.
Merideth, Kiowa, Kan.

RHODE ISLAND REDS.

CHOICE S. C. R. I. COCKERELS, \$1.00 TO
\$1.50. A. Bozarth, St. John, Kan.

CHOICE R. C. RED COCKERELS, \$3.
Some at \$2. Carl F. Smith, Cleburne,
Kan.

CHOICE ROSE COMB RED COCKERELS.
Reasonable. Mrs. Charles Hill, Toronto,
Kansas.

SCORED S. C. DARK RED COCKERELS,
pullets. Guaranteed. Lela Osterfoss, Hed-
rick, Iowa.

LARGE, BRILLIANT, DARK RED, ROSE
Comb cockers. Sunnyside Farm, Havens-
ville, Kan.

LARGE, DARK VELVETY ROSE COMB
Red cockers, \$1 to \$3. John Ogen,
Derby, Kan.

CHOICE S. C. RED COCKERELS, LARGE,
dark red, well bred. Mrs. W. L. Maddox,
Hazelton, Kan.

LARGE, DARK, VELVETY, ROSE COMB
Red cockers, \$1.00 to \$2.00. H. I. Fried-
line, Alden, Kan.

LARGE, DARK, ROSE COMB RED COCK-
ers, \$5 birds, \$1.00 to \$3.00 if taken now.
Ed Clark, Severance, Kan.

BIG BONED, FARM RAISED, RHODE IS-
land Red cockers for farmers and fan-
clers at attractive prices. H. A. Sibley,
Lawrence, Kan.

LARGE, BRILLIANT, ROSE COMB RED
cockers. Sired by scored 10 lb. bird.
\$2.00. Choice \$3.00. Mrs. G. C. Talbot,
Route 4, Onaga, Kansas.

THOROUGHbred RED COCKERELS,
both combs, \$1 to \$5. Guaranteed first
class values. Excellent show record. Mar-
shall's Poultry Yards, La Cygne, Kan.

ROSE COMB REDS, COCKERELS \$2.
Bred from winners at American Royal,
Kansas State Fair, Oklahoma State Fair,
Baldwin Red Farm, Conway, Kansas.

SINGLE COMB RED PULLETS EIGHT
dollars per dozen. Three dozen or more
seven dollars. Orders booked now for eggs
from good range flock four dollars per hun-
dred. Three hundred or more three fifty.
Delivery any time after March fifteenth.
H. A. Bushby, Rydal, Kan.

LANGSHANS.

BLACK LANGSHAN COCKERELS, SCORED
by Rhodes. Martha Haynes, Grantville,
Kan.

S. C. W. LEGHORN COCKERELS. D. W.
Young strain. Bred from Young's first
pen. \$1.00. G. W. Buck, Larned, Kan.

30 BLACK LANGSHAN CKLS. AT \$1.00 TO
\$3.00 each. Positively no better Lang-
shans bred. J. A. Lovette, Poultry Judge,
Mullinville, Kan.

CORNISH.

DARE CORNISH COCKERELS, BIG FEL-
lows and pullets, one dollar up, which
will improve your flock. L. C. Horst, New-
ton, Kan.

TURKEYS.

PURE BOURBON RED TURKEYS. FAY
Egy, Turon, Kan.

MAMMOTH BRONZE TURKEYS. T. A.
Yelton, Harper, Kan.

WHITE HOLLAND TURKEYS. PRICES
free. Grace Garnett, Marion, Mo.

BOURBON RED TURKEYS, ABSOLUTELY
pure. V. A. Bull, Marietta, Kan.

MAMMOTH BRONZE TURKEYS. MRS.
O. H. Browning, Unlontown, Kan.

PURE BRED BOURBON RED TURKEYS.
John Carroll, R. R. 2, Lewis, Kan.

LARGE BOURBON RED TURKEYS FOR
sale by W. H. Oliver, Reger, Mo.

MAMMOTH WHITE HOLLAND TURKEYS.
Mrs. W. U. Stevens, Paradise, Kan.

MAMMOTH BRONZE TOMS. MRS. JOHN
M. Thomas, Garnett, Kan., Route 7.

PURE BOURBON RED TOMS \$4.00, HENS
\$3.00. V. E. DeGeer, Deerhead, Kan.

FOR SALE—PURE BRED BRONZE TUR-
keys. C. V. Smith, Kinsley, Kansas.

MAMMOTH BRONZE TURKEYS. EXTRA
large stock. Aug. Cerveny, Ada, Kan.

BOURBON RED TURKEYS. EXTRA
large. Walter Dodson, Denison, Kan.

THOROUGHbred MAMMOTH BRONZE
turkeys. Letha Parkhurst, Plainville, Kan.

BOURBON RED TOMS, 18 TO 20 LBS.
\$4.00. Mrs. John Jevons, Wakefield, Kan.

CHOICE BOURBON RED TURKEYS. S. C.
Red pullets. Mrs. W. P. McFall, Pratt,
Kan.

MAMMOTH BRONZE TURKEYS. TOMS
\$5. Hens \$3. Mrs. Geo. Heath, Harper,
Kan.

THOROUGHbred BOURBON RED TUR-
keys. Toms \$4. Mrs. G. A. Newell, Milan,
Kan.

LARGE, FULL BLOOD BOURBON RED
turkey for sale. Emma Lamb, Havana,
Kan.

PURE BRED BOURBON RED TURKEYS.
Prices reasonable. Mrs. Ross Egy, Turon,
Kan.

MAMMOTH BRONZE TURKEYS. HENS
\$3.00. Toms \$5.00. D. C. Lamb, Richland,
Kansas.

WHITE HOLLAND TOMS \$4.00. HENS
\$3.00. Three for \$9.00. Wm. Turley, Ban-
croft, Kan.

THOROUGHbred BOURBON RED TUR-
keys. Toms \$4. Hens \$3.00. James Butler,
Glasco, Kan.

FULL BLOOD BRONZE TURKEY TOMS,
\$4.00. Hens \$2.50. Mrs. Roy Brubaker,
Dexter, Kan.

TURKEYS—WHITE HOLLAND. WITHER
sex. Write me your wants. Andrew Kosar,
Delphos, Kan.

THOROUGHbred BRONZE TURKEYS.
Toms \$5.00, Hens \$3.00. Mrs. C. L. Wor-
ley, Utopia, Kan.

PURE BOURBON RED TURKEYS. HENS
\$3.00. Toms \$4.00. Trio \$9.00. Mrs. I. J.
Cornelius, Lane, Kan.

THOROUGHbred BOURBON RED TUR-
keys. Tom \$3.50. Hens \$2.50. Mrs. H.
Fassmore, Wayne, Kan.

MAMMOTH BRONZE TURKEYS. BIG
boned kind. Toms \$5.00. Hens \$3.50.
Etta B. French, Partridge, Kan.

BOURBON RED TURKEY TOMS, \$4. BUFF
Orpingtons, ducks and roosters. Mrs. Bert
Patterson, Independence, Kan., Rt. 7.

FINE MAMMOTH BRONZE TURKEYS
from prize winning stock. Toms \$5.00.
Hens \$3.00. Mrs. P. D. Spohn, Inman, Kan.

WHITE WINGS AND TAIL BOURBON RED
turkeys; 20 lb. toms \$4.00; 12 lb. hens
\$3.00. Mrs. A. W. Powers, New Albany, Kan.

JOHNSON'S GIANT BRONZE TURKEYS
took first premium at Oklahoma State
Fair. Great size, exact markings. Jed John-
son, Walters, Okla.

RED BOURBON TURKEYS, STANDARD
markings, large and healthy. Price \$2.50
to \$5. Satisfaction guaranteed. Rebecca
Woodall, Fall River, Kan.

MAMMOTH BRONZE TOMS, THE HEAVY
kind. Eggs in season. If it's pounds you
want, buy from my flock. Berry method
of turkey raising with each order. C. W.
Berry, Moore, Okla.

CAMPINES.

SILVER CAMPINE COCKERELS FOR
sale reasonable. A. Furney, Box 325,
Council Grove, Kan.

BLUE ANDALUSIANS.

QUALITY BLUE ANDALUSIAN COCK-
ers from \$3.00 to \$5.00, for sale at A. A.
Neufeld, Route 4, Inman, Kan.

BRAHMAS.

PURE LIGHT BRAHMA COCKERELS AND
pullets for sale. Mm. Pfifer, Washington,
Kan.

WYANDOTTES.

BUFF WYANDOTTE COCKERELS, CATH-
erine Fraser, Haven, Kan.

COLUMBIAN WYANDOTTE COCKERELS,
\$1.00 each. Bertha Chacey, Meriden, Kan.

WHITE WYANDOTTE COCKERELS—FINE
large heavy bone fellows. Andrew Kosar,
Delphos, Kan.

EXTRA CHOICE WHITE WYANDOTTE
cockers, \$1.50. Pure bred. Frank Mayer,
Marysville, Kansas.

PARTRIDGE WYANDOTTE COCKERELS
\$1.50 to \$3.00 if taken at once. DeBusk
Bros., Macksville, Kan.

WHITE WYANDOTTE COCKERELS.
Scored. Range raised. \$1.50 to \$5.00. F.
S. Teagarden, Odell, Neb.

FOR SALE—COLUMBIAN WYANDOTTE
cockers, also one two-year-old cock. M.
Belle Nickles, Hope, Kansas.

SILVER WYANDOTTE COCKERELS,
world's best strain. Nice R. C. Reds also.
Earl Wood, Grainfield, Kan.

CHOICE BUFF WYANDOTTE COCK-
ers, pullets, hens. Prices right. John P.
Ruppenthal, Russell, Kansas.

QUALITY WHITE WYANDOTTES. COCK-
ers, pens. Trios. Write for prices. Mrs.
M. E. Johnson, Humboldt, Kan.

GOLDEN WYANDOTTE COCKERELS.
Special price for quick sale. Geo. W.
Shelley, R. No. 2, McPherson, Kan.

FOR SALE: SILVER LACED WYANDOTTE
cockers, early hatch, large boned. Write
for prices. W. E. Tilley, Irving, Kan.

SILVER LACED WYANDOTTE COCK-
ers. Pure bred. Write for circular. Price
\$1 to \$3 each. Satisfaction guaranteed. S.
B. Dressler, Lebo, Kan.

ROSE COMB GOLDEN WYANDOTTE
cockers \$1.00 and \$1.50 per head. Farm
run. Exclusively raised. Eggs in season.
C. Folgate, Stanberry, Mo.

SILVER WYANDOTTES EXCLUSIVELY.
Farm raised. Tarbox strain. From prize
winning stock. Choice cockers \$1.50, \$2.00,
\$2.50, \$3.00. Mrs. Edwin Shuff, Plevna, Kan.

WHITE WYANDOTTES. HENS AND PUL-
lets \$1 and \$2. Cocks and cockers \$2 to
\$5. Bred from special mated prize winners.
Plocks White Wyandotte Farm, R. 3, Clay
Center, Kan.

SILVER LACED WYANDOTTES. FIRST
On pen, hen, pullet, and cockers, at 1914
Four County Fair, Chanute. Cockerels \$1.50
to \$3.00. Hens and pullets \$1.00 each. E.
T. Blackwood, Chanute, Kan.

COCKERELS—WHITE WYANDOTTES EX-
clusively. Early March hatched; large,
vigorous; breeders; Rose Comb, pure white;
\$3 and \$5 each. Snowflake Poultry Farm.
Mrs. H. S. Tonnemaker, Beatrice, Neb.

ORPINGTONS.

WHITE ORPINGTONS, ALL AGES. REA-
sonable. Mrs. Helen Lill, Mt. Hope, Kan.

PURE BRED S. C. BUFF ORPINGTON
cockers. Price \$3.00. Mrs. A. M. Combs,
Bucklin, Kan.

CRYSTAL WHITE ORPINGTON COCK-
ers, \$1.50 and \$2.50 each. Almeda Foster,
Burr Oak, Kan.

CHOICE S. C. BUFF ORPINGTON COCK-
ers \$2.00 each. Mrs. W. V. Wilson, R.
No. 2, Detroit, Kan.

BUFF ORPINGTONS—25 YEARLING COCK
birds for sale, of rare quality; can please
you. Aug. Petersen, Churdan, Ia.

S. C. BUFF ORPINGTONS FOR SALE.
Show and utility stock. Write for prices.
Pleasant Hill Poultry Farm, Ellinwood, Kan.,
R. 8.

BUFF AND WHITE ORPINGTON CKLS.
\$2 to \$5. Guaranteed first class values.
Excellent show record. Mrs. E. H. Jones,
Pleasanton, Kan.

BLACK ORPINGTON SPECIALIST OFFERS
eggs and cockers from prize winners at
low prices. Booking orders now. Claude
Davis, Iowa City, Iowa.

BARRED ROCK, WHITE AND BUFF
Orpington chickens \$10.00 a dozen and
cockerel free. Cockerels only 4 for \$5.00. S.
Peltier, Concordia, Kan.

SOME VERY FINE WHITE ORPINGTON
cockers from Lansing's great laying
strain. Write for prices. J. D. Van
Amburg, Marysville, Kan.

S. C. BUFF ORPINGTONS, WELL
marked and big fellows. \$2.00 to \$5.00
each. Toulouse geese, as fine birds as
grow. Single birds \$3.00. Pair \$5.00. John
Bruce, Monroe, Iowa.

ANCONAS.

ANCONA COCKERELS, SIX FOR \$5.00.
Lucie House, Haven, Kansas.

MINORCAS.

SINGLE COMB BLACK MINORCA COCK-
ers. Victor Hawkinson, Randolph, Kan.

GUINEAS.

WHITE AFRICAN GUINEAS. \$2.50 PR.
J. R. Cox, Plainville, Kan.

DUCKS.

WHITE RUNNER DRAKES, FINE STOCK.
Mrs. S. Boyer, Wilsey, Kan.

FAWN-WHITE RUNNER DUCKS, \$1.00.
Mrs. Bertha Fortney, Clyde, Kan.

INDIAN RUNNERS, SILVER CUP WINNERS. Burt White, Burlingame, Kan.

WHITE RUNNER DRAKES \$1.00 EACH.
Mrs. C. B. Kellerman, Burlington, Kan.

WHITE RUNNERS, NOTED STRAIN, \$1.00 each. Either sex. Mrs. H. W. Hammond, Higgins, Texas.

PURE WHITE INDIAN RUNNER DUCKS.
Drakes \$1.00 each. Pure bred. Mrs. Wm. Brooks, Beattie, Kan.

FAWN AND WHITE INDIAN RUNNER.
Ducks and drakes, \$1.00 each. Chas. Cornelius, Blackwell, Okla.

FISHAL STRAIN WHITE RUNNER
Drakes. Extra good. \$1.50 each. Dr. John T. Wilson, Winfield, Kan., R. 8.

PURE FAWN AND WHITE INDIAN RUNNERS.
Ducks, one dollar each. Two dollars one half trio till Jan. 10. C. S. Wright, Cedarvale, Kan.

WHITE INDIAN RUNNER DUCKS, WON
first on duck and drake at state show, Oklahoma City, 1914. Prices right. Fred Hall, Lone Wolf, Okla.

SEVERAL VARIETIES.

WHITE RUNNERS—DARK CORNISH—
Dollar each. Richard Jordan, Hastings, Neb.

BOURBON RED TURKEYS, ALSO ROSE
Comb Brown Leghorns scoring 94%.
Elmer Thompson, Harper, Kan.

CHOICE WHITE ROCK COCKERELS \$1.50
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CARNEAUX PIGEONS—100 LARGE RED
birds, \$1.50 pair. Write for price on other breeds. Ed Vanderbur, Russell, Kan.

BARGAIN IF TAKEN SOON. PART-
ridge Wyandottes, Single Comb Reds, Rose Comb Whites. W. W. Eddy, Havensville, Kan.

BIG WHITE ROCKS MAMMOTH WHITE
Holland turkeys, white Fantail pigeons. Write for prices. A. T. Garman, Courtland, Kan.

ENGLISH PENCILED RUNNER DUCKS,
both sexes, and Rose Comb Rhode Island Red cockerels \$1 each. Samuel Lewis, Timken, Kan.

ENGLISH PENCILED RUNNER DUCKS,
both sexes, and Rose Comb Rhode Island Red cockerels \$1 each. Samuel Lewis, Timken, Kan.

THOROUGHbred BOURBON RED TUR-
keys. Toms \$3.50. Hens \$3.00. S. C. Red cockerels \$2.00. Fawn-White Runner drakes \$1.00. M. L. Fletcher, Longton, Kan.

COCKERELS—SCORED AND UNSCORED
birds at farmer's prices. Indian Runner and other ducks, geese and turkeys. Norfolk Breeders' Co-operative Assn., Norfolk, Neb.

PURE BRED POULTRY. BLACK LANG-
shan cockerels, Bourbon Red turkeys, English Penciled ducks. Prices reasonable. Mrs. Chas. Knigge, Forest Home Farm, Alexandria, Neb.

I'LL START YOU RIGHT, AND KEEP
you going right, if you will buy your breeding stock and eggs for hatching from my great laying and winning strains of White Wyandottes and S. C. White Leghorns. Write today for catalog. It's free. C. D. Porter, Altoona, Ia., P. O. Box M B

FOR SALE—ROSE COMB AND SINGLE
Comb Rhode Island Reds, Barred Plymouth Rocks, Partridge Cochins, Light Brahmas, and White Langshans, Toulouse and White Embden geese, Indian Runner and Rouen ducks. We have pure bred stock. Both males and females at reasonable prices. Write us. Chiles Poultry Yards, Chiles, Kan.

INCUBATORS.

A BIG, STOUT, LUSTY CHICK FROM
every hatchable egg. The proven record of Fairfield Incubators everywhere. Free catalog and poultry book. Sam Thompson, Fairfield Incubator Co., No. 56 Main St., Fairfield, Nebraska.

LIVE STOCK

SHETLAND PONIES—CHARLES CLEM-
mons, Coffeyville, Kan.

STANDARD BRED STALLIONS FOR SALE
right. D. H. Bibens, Larned, Kan.

THIRTY RED STEER CALVES, TRAINED
colliers. Jno. Marriage, Mullinville, Kan.

FOR SALE—2 SWISS NANNY GOATS,
bred. C. E. Cronhardt, R. R. 1, Hutchinson, Kan.

FOR SALE OR TRADE—ONE JACK AND
2 jennets. Live stock preferred. B. in care of Mail and Breeze.

REGISTERED HAMPSHIRE HOGS: BEST
quality; reasonable prices. Frank Franklin and Sons, Vinita, Okla.

FOR SALE—SHETLAND PONIES, REGIS-
tered stock. Can be shipped by express at small cost. Shetland Pony Farm, Amarillo, Texas.

FOR SALE—THREE DOUBLE STANDARD
Poll Hereford bulls, 7 to 8 months old. For breeding and price write C. A. Heaton, Larned, Kan.

A. N. DREESSEN WILL HOLD A PUBLIC
sale of registered Hereford cattle, all good ones, Jan. 5, 1915, 1 1/2 miles west of Seward. Will meet all parties morning of sale.

REG. JACKS, PERCHERON AND ENG-
lish Shire stallion, imported and home bred. Two hundred dollars off for next 30 days. H. M. Justice, Pleasanton, Kan.

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CHRISTIAN HELPERS WANTED. MODEL
colony. Farming. Jno. Marriage, Mullinville, Kan.

GOOD 120 ACRES, CLOUD COUNTY, IM-
proved. \$5400. Walter Axtell, 1315 Lincoln, Topeka, Kan.

CASH BUYERS FOUND FOR PROPERTY
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FOR SALE—WELL IMPROVED FARM,
mile from Mankato, county seat of Jewell Co. S. A. McNulty, Mankato, Kan.

FARM FOR SALE, CONTAINING 160 A.;
sandy loam; price \$3,250. Address owner, Mrs. Mary Kissling, Jefferson, Okla.

FOR QUICK SALE, 350 ACRES, STOCK
farm, worth twenty, will take ten per acre. W. G. Williams, Vinita, Oklahoma.

165 A. LEVEL, IMPROVED, DARK SANDY
loam, 1 1/2 mi. west of Langdon. Would consider trade. F. B. Miller, Langdon, Kan.

FOR SALE OR WILL TRADE 160 ACRES
of improved level land near Selbert, Colo. Address Peter Jespersen, Colby, Kan., R. 1.

SELL YOUR WHEAT AND BUY A GOOD
farm in Sumner county, Kansas. E. H. Stewart, The Land Man, Wellington, Kansas.

WE HAVE SEVERAL GOOD BOTTOM,
and valley farms, for sale. Some bargains in fruit farms. Austin & Chrane, Gravette, Ark.

160 A. IMP. 2 MI. HARVEYVILLE, ABUND-
ance good water; \$5 a. cult. balance alfalfa, meadow, pasture. A. Fleming, Burlingame, Kan.

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

BOOKLET ON SMALL FARMS. ADDRESS
Development Association, Gridley, California. Information bureau only. Alfalfa, dairying, fruit.

EASTERN OKLAHOMA FARMS, PRAI-
rie-valley, wooded-upland, improved and unimproved, \$15 to \$40 per acre. J. M. Hughes, Blocker, Okla.

160 A. RENO CO. WHEAT LAND, 2 1/2 MI.
from Turon. Level, black soil, 135 a. in cult. Good imp., all new. Will sell cheap. Ross Ege, Turon, Kan.

FARMS FOR SALE CHEAP IN MISSISS-
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QUICK CASH FOR YOUR PROPERTY OR
Business. Anything. Anywhere. Don't pay big Commissions. Dept. F., Co-operative Salesman Co., Lincoln, Neb.

1050 ACRES, \$7.00. SOLID BODY. FARM
and grazing land, Seward county, Kansas. Third cash, balance 6%. Can lease thousand acres joining. No trades. John W. Baughman, Liberal, Kan.

GOOD 194 AND 160 A. IMP. FARMS, FINE
ranch about 800 a., part good alfalfa land all in east Kan. 633 acres east Okla. land. Easy terms. Consider part trade. Wm. Works, Humboldt, Kan.

4400 ACRES, LAND ROCKS AND PHIL-
lips Co., Kansas. Well improved, for sale or trade in 800, 640 or 400 acre tracts. Deal with owner and save commissions. Henry Clemmons, Stockton, Kansas.

FOR SALE—IMPROVED CORN AND STOCK
farm, 50 mi. southwest Kansas City. Rented 100 acres corn for one-half. Cash for pasture and meadow. \$60 per acre. Terms. Investigate. John J. Harrison, Collyer, Kan.

DO YOU WISH A FARM AND HOME OF
your own in a good dairy, stock and grain country? If so, write for booklet and tell us what you desire. North Texas Land Company, 103 Market St., Texline, Texas.

FOR SALE: 36 IN WYANDOTTE CO.,
Kan. 12 mi. Kansas City. Part in growing rye. \$2000 per acre. 4-10 acres, new house, two-story bank barn, water in barn. \$2,500. Mrs. E. B. Kindred, Eudora, Kan.

JEWELL COUNTY, KANSAS. A GOOD,
well improved 160 acre farm for sale. Good soil, plenty of water. Owing to ill health, must sell at once. \$10,500.00, good terms. R. M. Cauthorn, Mankato, Kansas.

FOR SALE—40-ACRE FARM, FAIRLY IM-
proved; timber, water and fruit; frame house 30x32, insurance \$400.00; frame barn, 25x30, insurance \$150.00; near Alton, county seat; price \$1,200.00; terms. S. X. Prey, Alton, Mo.

GOLO, IRRIGATED LAND, 82 ACRES. 80
acres can be irrigated. Joins U. S. forest reserve. No buildings. Ideal cattle range. Will sell for \$700.00, seven hundred dollars cash, if sold at once. Dr. Pitt A. Wade, Canon City, Colo.

\$3300 BUYS A GOOD 80. 1 MILE FROM
Admire. Fair improvements. Family orchard. 40 a. cultivated. Balance pasture. Good terms. Large list of Lyon Co. choice corn and alfalfa farms. I have what you want. Write me. E. B. Miller, Admire, Kan.

FARM AT AUCTION—WILL SELL TO
the highest bidder, Jan. 6, a valuable 30-acre Neosho Valley farm in Ottawa county; long time, low interest; privilege of 100 acres adjoining. For terms and description address F. T. Cook, Miami, Okla.

I WILL SELL 80 ACRES OF MY RICH
river bank Arkansas land with new buildings and fences to reliable experienced farmer having good team and equipment. No cash payment required. Crops and work at my saw mill will pay for land. Box 284, Edwardsville, Illinois.

FREE GOVERNMENT LANDS—MILLION
acres now open to homestead entry in 25 states. Official 112 page book describes every acre in every county. How secured free. New laws, lists, etc. Price 25c postpaid. Also maps, soil guides, complete information. Webb Pub. Co., (Dept. 92) St. Paul, Minn.

LANDS

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lands, crop payment or easy terms—along the Northern Pacific Ry. in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. No isolated pioneering. Free literature. Say what state interests you. L. J. Bricker, 440 Northern Pac. Ry., St. Paul, Minn.

FOR SALE OR RENT—40 ACRES, 3 MILES
of Carbondale, Kan.; 30 under cultivation, balance pasture and little timber on creek; 2-room house, barn, cow lot, chicken house and corn crib; 1 mile to good school; 3 to church and store; fine neighborhood. Am a widow and must sell or rent quick. Bargain. Mrs. Rachel Layman, Carbondale, Osage Co., Kan.

65 ACRES 1/2 MILE OF MAYETTA, KAN-
sas; all under cultivation. Excellent 7 room-house. Good barn for 8-head horses, 1500 bushels of grain, 25-ton hay mow and large driveway. Cement hog house. Good double chicken house. Large cow sheds. Fine orchard. Terms to suit buyer. Also 160 acres smooth grass land 3 miles of Delta, \$50 per acre. Terms to suit buyer. Write A. J. Jones, Mayetta, Kansas.

THE HOYT STATE BANK OF HOYT,
Kan., has 2 fine 1/2 sections of Texas land they will sell at a great bargain. Both well improved, lying side by side, nearly level. Thousands of water near surface; easily irrigated; in the noted shallow water belt of Texas; irrigation a great success here; 3 miles to town and R. R. station; country settled. No asthma, catarrh or malaria. Irrigated land selling for \$50 to \$70. This can be bought for less than \$20 per acre. Write Hoyt State Bank, Hoyt, Kan., or phone 3665, Topeka.

FINE TOPEKA HOME FOR SALE—I WILL
sell my place in Topeka, located on the most beautiful street in the city, near limits of city, two blocks from street car, two blocks from fine school, fine old shade, park like surroundings, lot 61 1/4 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 house, etc., etc. Fine place for farmer who wants to move to the capital city. Price \$5,500, 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

SELL YOUR FARM OR BUSINESS QUICK-
ly for cash no matter where located. Information free. Black's Business Agency, Desk 9, Chippewa Falls, Wis.

FARMS WANTED. WE HAVE DIRECT
buyers. Don't pay commissions. Write, describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 26 Palace Bldg., Minneapolis, Minn.

SEEDS & NURSERIES

STRAWBERRY PLANTS \$2.00 PER 1,000.
List free. J. R. Sterling, Judsonia, Ark.

SWEET CLOVER SEED. LARGE BIEN-
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SUDAN GRASS, KANSAS GROWN, GUAR-
anteed free from Johnson grass. Inspected and approved by Kansas Experiment station official. Wilson G. Shelley, McPherson, Kan.

SWEET CLOVER SEED. PURE WHITE
blooming variety. Unhulled, re-cleaned 24c and hulled, re-cleaned 27c per pound. Unhulled \$14 and hulled \$16 per bushel, each of 60 pounds. E. G. Finnup, Garden City, Kan.

SUDAN—THE WORLD'S GREATEST HAY
crop. A limited quantity of seed for sale in 5 and 10 pound lots at 50 cents per pound prepaid; two pounds plants one acre. Reference furnished as to purity of seed and responsibility. Kimbro & Parks, Lubbock, Texas.

SEEDS—WE ARE PREPARED TO BOOK
your orders for the following seeds. Alfalfa, cane, white or yellow maize, kafir, feterita; German, golden, Siberian, hog milt; in car load lots or mixed car. We live in the heart of the growing district where the above seeds grow. Samples sent on request. L. A. Jordan Seed Co., Winona, Kan.

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Patents and Their Cost. Shepherd & Campbell, Patent Attorneys, 500 C Victor Bldg., Washington, D. C.

MEN OF IDEAS AND INVENTIVE ABIL-
ity should write for new "List of Needed Inventions," Patent Buyers and How to Get Your Patent and Your Money." Advice free. Randolph & Co., Patent Attorneys, Dept. 26, Washington, D. C.

SYRUP AND RICE

PURE RIBBON-CANE SYRUP, MADE THIS
season, contains all sugars and no chemicals. Cash prices: 5-gallon kegs, \$3.35; 10-gallon kegs, \$6.65; 16-gallon kegs, \$8.70; 27-gallon barrels, \$14.20; 55-gallon barrels, \$27.80. Freight charges paid to Missouri, Oklahoma, Kansas, Arkansas and Iowa. Being located where seventeen railroads enter, shipments go promptly on most direct route, subject to examination at your depot. Syrup supply is limited, so order immediately. Sample 5c. Also new rice at low prices. Telmah's Plantation Mill, Houston, Texas.

SITUATIONS WANTED.

WANTED: JOB ON FARM. S. BRADLY,
Marlow, Okla.

A GERMAN HAVING EXPERIENCE
wishes job milking and caring for cows. Inquire of Will Torgeson, White City, Kan.

FOR SALE

FOR SALE—THREE TON MOTOR TRUCK.
Small gas tractor. S. B. Vaughan, Newton, Kansas.

FOUR HOLE MOUNTED SHELLER.
Cheap. Theodore Johnston, 1124 Madison St., Topeka, Kan.

250 TONS OF GOOD ALFALFA HAY FOR
sale. If interested come and look at it. D. Badger, Eureka, Kan.

BALED ALFALFA, PRAIRIE AND BOT-
tom hay, kafir corn and feterita. Farmers Produce Ass'n, Emporia, Kan.

A RESIDENCE PROPERTY IN MANHAT-
tan, Kan., also four roll shredder to trade for cattle. Write W. A. Puckett, Garrison, Kan.

9 ROOM MODERN HOUSE, WITH BARN,
near Agricultural college, on paved street. \$4,000, one-half cash. F. B. Miller, Langdon, Kan.

FOR SALE—EIGHT MANHATTAN CITY
lots. Close to the college and to street car line. Mrs. Flora M. Allen, 1452 Fairchild Ave., Manhattan, Kan.

HONEY—FANCY LIGHT AMBER, \$10.00
per 2 60-lb. cans. Amber, \$9.00 per 2 60-lb. cans. Single cans 25 cents extra. Bert W. Hopper, Rocky Ford, Colo.

BLACKSMITH SHOP, ENGINE AND TRIP
hammer. Tools all No. 1. Sell or trade for any kind of stock. Located at Nortonville, Kan. Address E. S. Davison, Fairview, Okla.

FOR SALE—HART-PARR GAS TRACTOR,
used three years. 12-26 in. disc Parlin Orndorff engine gang. Six barrel wagon tank. Will sell or trade for stock. K. M. Gilbert, Coldwater, Kan.

EVERYBODY LIKES HONEY, ESPECI-
ally if it's the new, fresh amber colored honey from Texas. It melts in your mouth. Send for price list. Gollad Bee and Honey Co., Gollad, Texas.

FOR SALE—SUBURBAN GROCERY STORE
in good town, doing good business; also nice dwelling if party wants. Total about seven thousand. Have gone into wholesale grocery business. L. C. Jones, Nevada, Mo.

ALFALFA AND PRAIRIE HAY. WE HAVE
a large amount of alfalfa and prairie hay that we quote as follows: No. 1 alfalfa \$11.00, standard \$10.00, No. 2 \$9.00 per ton. Prairie No. 1 \$8.00, No. 2 \$7.00 per ton our track. Write or wire us for delivered prices. The L. C. Adam Mercantile Co., Cedar Vale, Kan.

FOR SALE OR EXCHANGE

80 ACRES CLOSE TO TOPEKA, IMPROVED.
50 acres in alfalfa; \$14,000. Will exchange for wheat land in central Kansas. O. W. Blanchard, Topeka, Kan., Rt. 8.

BLACKSMITH SHOP, ENGINE AND TRIP
hammer. Tools all No. 1. Sell or trade for any kind of stock. Located at Nortonville, Kan. E. S. Davison, Fairview, Okla.

I HAVE INCOME PROPERTY IN KANSAS
City, Mo., apartments and store buildings, for sale or exchange for land. For further information address Box 187, Scandia, Kan.

I OWN AND WANT TO TRADE MY SIX
room modern bungalow, one block car line, four blocks university, for good level land in Kansas, not to exceed \$3,000, bottom land preferred. Address Box 223, Route 1, Pasadena, Calif.

TO TRADE FOR UNENCUMBERED FARM
land of equal value, seven-passenger, 45 horsepower Winton Six automobile, fully equipped, self-starter, top and windshield. Cost \$8,000 when new. This is a great family touring car, in first-class condition, and has only been used by owner. T. D. Costello, 1512 Waldheim Bldg., Kansas City, Mo.

DOGS.

SCOTCH COLLIE DOGS. CRAMER, DUN-
lap, Ill.

SCOTCH COLLIE PUPS. CLAY VAN
Horn, Overbrook, Kan.

SCOTCH COLLIES. WESTERN HOME
Kennels, St. John, Kan.

REGISTERED FEMALE COLLIE IN
whelp. R. A. Fullerton, Skiddy, Kan.

GREY HOUNDS FOR SALE AT REASON-
able prices. Ernest Bretz, Lucas, Kan.

SCOTCH COLLIES. YELLOW AND WHITE.
Well marked. Spayed. Four dollars each. W. J. Lewis, Lebo, Kan.

SILOS.

WE WANT AGENTS TO SELL OUR SILO
fixtures. Lowest priced silo in the world. Now in use in fourteen states. Exclusive territory. Liberal commissions. Act promptly. Bonita Farm, Raymore, Mo.

HEDGE POSTS

HEDGE POSTS FOR SALE IN CAR LOTS.
H. W. Porth, Winfield, Kan.

SALESMEN WANTED

"LET THE AUTO DO THE WORK."
Every Farmer needs a Tractor attachment for his auto. Ford does work of four horses, others in proportion to power. We make three sizes retailing at \$300, \$500 and \$700 each, f. o. b. factory. Will give agency and 20% discount to first responsible dealer or farmer in each county sending order with small cash deposit to guarantee payment of freight, balance to be paid after a thorough demonstration proves that the Tractor does all that we claim for it. Write for illustrated catalogue and agency proposition. Auto Tractor Company, Niles, Mich.

HELP WANTED

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

FREE TUITION TO FIRST APPLICANTS. Mail courses bookkeeping, shorthand, write quick. Southern Correspondence Institute, 7279, New Orleans.

THOUSANDS GOVERNMENT JOBS OPEN to men and women. \$65.00 to \$150.00 month. Write for list. Franklin Institute, Dept. O 51, Rochester, N. Y.

WE HAVE SPARE TIME WORK FOR man or woman in every locality. An hour or two a day will do. Good pay. Tri-State Mercantile Co., Muskogee, Okla.

WILL PAY RELIABLE WOMAN \$250 FOR distributing 2,000 packages Perfumed Soap Powder in your town. No money required. M. Ward & Company, 218 Institute Place, Chicago.

WANTED—MEN AND WOMEN, 18 OR over. Get government life jobs. \$65 to \$150 month. Thousands 1915 appointments. Big opportunity for farmers. Common education sufficient. "Pull" unnecessary. Write immediately for list of positions now obtainable. Franklin Institute, Dept. O 51, Rochester, N. Y.

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GOVERNMENT FARMERS WANTED. AGE 21 to 50. Make \$125 monthly. Write Ozment, (38. F) St. Louis.

RAILWAY MAIL CLERKS WANTED. Commence \$75.00 month. Sample examination questions free. Franklin Institute, Dept. O 51, Rochester, N. Y.

MOTORMEN—CONDUCTORS; INTERUR- ban; earn \$80 monthly; experience unnecessary; qualify now; state age; details free. F. care Mail and Breeze.

RAILWAY MAIL CLERKS, CLERK-CAR- riers and rural carriers wanted. I conducted examinations—can help you. Trial examination free. Ozment 38, St. Louis.

FIREMEN AND BRAKEMEN; \$100 MONTH- ly; experience unnecessary; hundreds needed by the best railroads everywhere; particulars free. 796 Railway Bureau, East St. Louis, Ill.

SALESMEN WANTED FOR FULL LINE fruit and ornamental trees. No experience necessary. Full or part time as you prefer. Prompt pay each week. The Lawrence Nurseries, Lawrence, Kansas.

WANTED: MEN TO WORK ON AN IRRIG- ated ranch. Work year around for good men. Pay winter months \$45.00, summer \$50. Good board costs five dollars a week. Houses furnished free for a limited number of families. Climate best in America. Applicants must be sober, clean tongued, able bodied and familiar with farm work, particularly handling horses. Harroun Land Company, Malaga, N. M.

AGENTS WANTED

AGENTS—OUR PERFECT PURE VEGET- able soap with premiums sells faster than you can get it. Write. Exclusive territory. Purify Products Co., 3628 Easton Ave., St. Louis, Mo.

AGENTS: AUTOMOBILE ACCESSORY; brand new speedmaker and gasoline saver; entirely automatic; best money maker on market. Write for particulars. Sample \$2.50. G. L. Jacoby, Dept. T, Corpus Christi, Tex.

MISCELLANEOUS

WANTED—HEDGE POST. WRITE GRIF- fin Lumber Co., Homestead, Okla.

STEAM ENGINE TO TRADE FOR BULL tractor. S. B. Vaughan, Newton, Kansas.

WASHING TONGS! NO TORN CLOTHES. No wet hands. 25 cts. J. Moffat, Clyde, Kan.

BOOKS FREE TO FARMERS ONLY. A treatise on preservation of mankind. Non-medical. W. G. Williams Vinita, Okla.

FOR RENT—120 ACRE ALFALFA FARM in Wichita. No letters answered. Call in person. J. Hudson McKnight, Wichita.

WANT TO BUY OUT RENTER'S RIGHT to 80 a., stock, implements. Cash. Central Kan. E. Knight, Herington, Kan.

WANTED—CATTLE TO ROUGH THROUGH winter, \$1.25 per head; satisfaction guaranteed. H. M. Sharp, White City, Kan.

PARENTS, WE HAVE SOMETHING FOR your young folks to do. We pay cash. Standard Sales Company, Box 558, Independence, Kansas.

LUMBER—HOUSE AND BARN BILLS DI- rect from mill to consumer. Wholesale price. Shipped anywhere. McKee Lumber Co., Shawnee, Okla.

WILL PAY RELIABLE MAN OR WOMAN \$12.50 to distribute 100 free pkgs. Perfumed Borax Soap Powder among friends. No money required. M. B. Ward Company, 218 Institute Pl., Chicago.

BIG BARGAIN FOR SHORT TIME ONLY. Send only 10 cents and receive the greatest farm and home magazine in the Middle West for six months. Special departments for dairy, poultry and home. Address Valley Farmer, Arthur Capper, publisher, Dept. W. A. 10, Topeka, Kansas.

FREE FOR SIX MONTHS—MY SPECIAL offer to introduce my magazine "Investing for Profit." It is worth \$10 a copy to anyone who has been getting poorer while the rich, richer. It demonstrates the real earning power of money, and shows how anyone, no matter how poor, can acquire riches. Investing for Profit is the only progressive financial journal published. It shows how \$100 grows to \$2,200. Write now and I'll send it six months free. H. L. Barber, 425, 28 W. Jackson Blvd., Chicago.

Decline in Cattle Prices

Great Deal of Wheat Is Being Exported

BY C. W. METSKER

THE cattle market collapsed last week. An irregular decline of 50 cents to \$1.25 was quoted. Heavy receipts and congested conditions in Chicago caused the decline. About 80,000 cattle were received in Chicago, and all of them were for slaughter. It is doubtful whether so many short fed cattle ever before were assembled in Chicago in one week.

Iowa, Illinois and Indiana are selling fed cattle at an unprecedented rate. If this movement is continued there will be some bare spots in the supply later. The break in prices brought values to the low point of the year, and killers felt justified in making large purchases.

As a Banker Sees Kansas.

"I passed favorably on \$50,000 worth of cattle loans in Kansas last week," said a Kansas City banker who has just returned from a trip in this state. "I found that Kansas has an abundance of rough feed," he continued. "The state is in better shape to handle cattle than it has been for several years. Cattle are scarce in most parts of the state, and feed is relatively cheaper than cattle. The feeders of the state are doing what they can to remedy these conditions. Kansas has bought more thin cattle than all other states combined since October 15."

January Top Cattle Prices.

The top price for steers in January, beginning with 1908 were \$5.75, \$6.90, \$7.40, \$6.75, \$7.90, \$9 and \$9.25. Only in the last two years have January quotations been high and with but two exceptions the January top quotation has been lower than any other month in the year.

Packers Show Need of Hogs.

Packers are buying hogs, and that fact keeps the market about the \$7 to \$7.25 level. Shippers are taking a few above that price, but country shippers are having to figure on a \$6.75 to \$7 market. The market shows every evidence of holding at the present level for the next two weeks. It is the general opinion that January's supply will be large. Packers are finding the money market easier, and they will make a big January buy for product making. As the season advances offerings are showing increased weight. January quality probably will be the best that has been offered for years. Packers believe that north Missouri river markets will have the largest supply of fat hogs in their history.

Temporary Punishment For Sheep.

Packers knocked the props from under the sheep market. Chicago was the aggressor in the decline. This drop in prices was similar to the one two weeks ago, that was followed by a quick recovery. The sheep market is in a strong position, statistically. Fewer sheep are on feed than a year ago, and wool and pelts are bringing high prices. As soon as Chicago is in a normal condition, sheep will sell higher.

The Movement of Livestock.

The following table shows receipts of cattle, hogs and sheep at the five western markets last week, the previous week and a year ago:

	Cattle	Hogs	Sheep
Kansas City	41,800	45,750	27,200
Chicago	78,500	239,000	111,000
Omaha	23,900	48,500	38,600
St. Louis	26,900	45,000	10,750
St. Joseph	9,300	56,500	9,000

Total	187,400	434,750	196,550
Preceding week	144,100	344,300	193,200
Year ago	159,450	469,500	245,850

The following table shows the receipts of cattle, hogs and sheep in Kansas City thus far this year and the same period in 1913:

	1914	1913	Inc.	Dec.
Cattle	1,784,556	2,088,897	.....	304,341
Calves	127,472	184,510	.....	57,038
Hogs	2,191,516	2,494,523	.....	303,007
Sheep	1,964,237	2,034,997	.....	70,760
H. & M.	82,749	79,565	3,184	.....
Cars	105,434	124,207	.....	18,773

Big Exports of Wheat.

Exporters are taking large quantities of wheat, and the call for that cereal is becoming urgent in Europe. Ocean rates are high, and risk rates even higher, but the grain is bringing enough in Europe to justify an advance of 2 to 3 cents a bushel on the price here. The general situation derives further strength from the fact that the government reports the condition of winter wheat below the average of the last 10 years, though the acreage is more than 5% millions larger than last year. The greatest increase in area is in Texas and Oklahoma.

Corn prices were higher owing to light receipts. Weather conditions caused the light supply.

Feed and Seed Quotations.

Feed—Kafir \$1.15@1.19; milo maize \$1.19; shorts \$1.16@1.26; bran 95c@1; corn chop \$1.24; rye \$1.05@1.06; barley 57c@58c. Seed—Alfalfa \$10@12.50; timothy \$4@4.50; millet \$1.25@1.75; clover seed \$13@14; cane seed 80c@95c.

Hay Quotations in Kansas City.

Prairie, choice	\$13.00@13.50
Prairie, No. 1	11.00@12.50
Prairie, No. 2	7.00@10.50
Prairie, No. 3	4.50@6.50
Timothy, No. 1	15.50@16.00
Timothy, No. 2	13.00@15.00
Timothy, No. 3	9.50@12.50
Clover mixed, choice	15.00@15.50

Clover mixed, No. 1	14.00@14.50
Clover mixed, No. 2	12.00@13.00
Clover, choice	14.00@14.50
Clover, No. 1	13.00@13.50
Clover, No. 2	10.50@12.50
Alfalfa, choice	15.00@15.50
Alfalfa, No. 1	13.00@14.50
Alfalfa, standard	11.50@12.50
Alfalfa, No. 2	10.00@11.00
Alfalfa, No. 3	8.90@9.50
Straw	4.50@5.00

Butter, Eggs and Poultry.

Kansas City, Dec. 21.—Quotations on change were as follows:
Eggs—Extras, new white wood cases included, 34c a dozen; firsts, 32c; seconds, 22c.

Butter—Creamery, extra, 32c a pound; firsts, 30c; seconds, 28c; packing stock, 20c.

Live Poultry—Broilers, under 2 pounds, 12c a pound; springs, 2 to 3 pounds, 12c; hens, No. 1, 9c; No. 2, 8c; young roosters, 9c; old, 8c; turkeys, hens, 15c; young toms, 14c; old toms, 13c; ducks, 12c; geese, 10c.

Look out for open grain bins and foundered colts.

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R. R. Co., Room 4049, Union Pacific Bldg.,
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A REAL GUN. Take-Down pattern, with latest improvements, walnut stock and grip. Shoots accurately 22 long or short cartridges. Handsome, durable. SEND NO MONEY only your name and address for my easy plan of securing this fine rifle absolutely free upon request. Write today. D. W. BEACH, Box 52, Spencer, Ind.

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350 A. joins town; 160 a. 3 miles, well imp. Other bargains. Wm. Robbins, Thayer, Kan.

160 A. 1 ml. Thayer, well imp. Good list trades. Southeast Land Co., Thayer, Kan.

IMP. 80 a. 3 1/2 ml. market, near Chanute, for \$2,550. Home Inv. Co., Chanute, Kan.

CATHOLIC communities a specialty; send for list. C. F. Fouquet Inv. Co., Andale, Kan.

IMP. FARM Pottawatomie Co. \$35 per a. Write me. O. H. Martin, Severy, Kansas.

100 A. 2 1/2 ml. town, imp. \$50 acre. Terms to suit. Andrew Burger, Burlington, Kan.

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

240 A. finest Kaw Valley bottom land, imp. Easy terms. J. M. Conlan, St. Marys, Kan.

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KAW VALLEY and E. Kan. farms. Catholic community. T. J. Ryan, St. Marys, Kan.

FINE IMPROVED FARM in Pawnee county for sale at a bargain. Lakin Land & Immigration Co., Lakin, Kan.

1800 ACRES, 100 bottom, fine grass; good improvements. \$20 per acre. Good time but no trade. J. H. Price & Son, El Dorado, Kan.

NESS COUNTY. 160 a. smooth wheat land, 4 1/2 miles Utica. \$1600; terms. 160 acres smooth; some imp., 3 ml. Brownell, \$1600. List. V. E. West, Ransom, Kan.

WELL IMPROVED corn, wheat, alfalfa and truck farms. Southeast Kansas and North-east Oklahoma. \$35.00 to \$50.00 acre. Write for list. J. K. Beatty, Coffeyville, Kan.

199 a. E. Kansas farm, 75 ml. E. C.; 120 a. cult., 20 alf. Good soil, orchard; imp. and water. \$65 a. terms. Trade for smaller farm. J. W. Johnson, Pleasanton, Kan.

TRACTS of 160 to 480 acres; smooth, raw wheat land close to good towns in W. Kansas and E. Colorado, \$4 an acre up, cash. Choice relinquishments cheap. Cash bargains all over Kansas and the Southwest. Christensen Realty Co., Hutchinson, Kan.

FOR SALE. One of the best 240 acre farms in Reno County, Kan., 2 ml. from good town. Soil black sandy loam; level; good improvements. Close to school, R. F. D., etc. 200 a. now in crop. Write owner, M. G. H.—173, Capper Bldg., Topeka, Kan.

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80 ACRES smooth land, 3 miles town; 65 cultivation; 14 clover; 10 alfalfa; 2 walnut timber; 3 orchard; 8-r. house; cellar; barn; other buildings. Price \$90. Terms. 150 acres smooth land, 2 miles High School town; 12 clover; 15 blue grass; 35 wheat; good house; barn; corn-crib; 2 wells; Price \$9,000.00. \$3,000.00 down. 170 acres, 1 mile town; 140 cultivation; extra fine buildings; well-watered; Price \$70. Terms. 320 acres, 1 mile town; 140 cultivation; 70 meadow; 110 blue grass; 25 alfalfa; 20 clover; 9-r. house; basement; barn; large silo; other buildings. Price \$20,500.00. Terms. Write, Mansfield Land Company, Ottawa, Kansas.

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SMOOTH FARM FOR SALE

160 acres smooth land near Colony, Anderson Co., Kansas, 80 acres hay, 80 under plow, good soil, small house and barn. Is offered at a snap, only \$5,000; no trade. Address J. F. Ressel, Owner, Colony, Kansas.

Sedgwick County Farm Bargains

145 a. farm, good 7 room house, outbuildings, barn, 15 a. alfalfa, best of land, \$60 per a.; \$3,450 handles it.

160 a. farm, 9 room house, good barn, all good land, 30 a. alfalfa, 45 a. wheat goes. This snap, \$65 per acre.

320 a. wheat and alfalfa farm, fair improvements, level land, soil dark loam, only \$45 per a. 250 a. now in wheat.

These 3 farms are great bargains. E. E. Osburn, 227 E. Douglas, Wichita, Kan.

BOTTOM FARM FOR SALE

190 acres of fine bottom land 6 miles from Lawrence, Kansas, 2 miles from shipping station on main line of Santa Fe. 120 acres of wheat, 20 acres of alfalfa, balance corn land, mostly all plowed for spring. All improvements new. Fine 6 room cottage, granary 30x40 feet, capacity 4,000 bushels of wheat. Barn 20x40 with 16 foot shed on two sides. Never failing well with gas engine pump. Price \$110 per acre, one-half cash, bal. on time. No trade. This is an extra good deal and will bear close inspection. THE HOSFORD INVESTMENT & MORTGAGE COMPANY, Lawrence, Kansas.

OKLAHOMA. FOR LISTS and prices N. E. Okla. farms, write Elliott & Mabrey, Fairland, Okla.

SPECIAL Oklahoma bargain list free. Some trades. Write Harvey Cox, Hooper, Okla.

WE SELL THE EARTH that produces alfalfa and corn. W. E. Wilson Realty, Wagon, Ok.

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FARM FOR SALE which has been rented for past ten years and paid owner 10% net income. Sell on terms. Southern Realty Company, McAlester, Okla.

FOR SALE. One of the best prairie valley farms of 160 acres in Muskogee county. In cultivation and in good community. Price \$37.50 a. Owner, Box 1227, Muskogee, Okla.

AT \$4,000 LESS than actual cost you can buy a fine home of 21 acres adjoining an oil and gas town. 10 room modern house; large barn with 5 box stalls; granary, hog house and other outbuildings. For further information address C. P. Dewey, Newkirk, Ok.

OKLAHOMA LAND FOR SALE Good land in Northeastern Oklahoma, which was part of the old Indian Territory, price from \$20 to \$35 per acre. Write for price list and literature. Agents wanted. W. C. Wood, Nowata, Okla.

FOR SALE. One of the best 240 acre farms in Reno County, Kan., 2 ml. from good town. Soil black sandy loam; level; good improvements. Close to school, R. F. D., etc. 200 a. now in crop. Write owner, M. G. H.—173, Capper Bldg., Topeka, Kan.

FOR BARGAINS in improved farms in Catholic settlements. Exchanges made. Write Frank Kratzberg, Jr., Greeley, Kansas.

320 ACRES. 1/2 ml. this town, fine improvements; 80 acres alfalfa. \$75 acre. Terms. J. P. Donahue, Mound Valley, Kansas.

HARPER COUNTY, Kansas. First class land, \$30 to \$45 per acre. Write us now. J. E. Couch Land Co., Anthony, Kansas.

GOOD, smooth wheat and alfalfa lands at \$15 to \$25 per acre. Write for price list, county map and literature. Floyd & Floyd, Ness City, Kansas.

160 A. 3 ml. Madison, improved; good water, 80 in plow. Price \$40. For further information and list write P. D. Stoughton, Madison, Kan.

LABETTE COUNTY—SOUTHEAST KANSAS 120 a. 70 cult., 10 a. tame grass, bal. blue stem. Improved, 5 miles Parsons. I. M. Hinds, Owner, Mound Valley, Kan.

80 A. 5 1/2 ml. Osage City; 35 a. cult., 5 a. clover, bal. native grass. Family orchard, good house and barn; plenty of water. Close to school and church. BARGAIN. \$3300; easy terms. Rosenquist & Renstrom, Osage City, Kan.

LOOK HERE. 110 acres, 3 1/2 ml. of town, good imp. Close to school and church. 40 in alfalfa, 30 bluegrass, bal. pasture. \$55 an acre. Send for list. Overman & Long, Melvern, Osage Co., Kan.

160 A. improved, 120 cult., 30 pasture. Windmill. Big hen house, good cellar. Mile to school. R. F. D. and phone. \$45 a. Terms. Thos. J. Stinson, Spearville, Kan.

FOR SALE: 160 a. dairy and alfalfa farm; fair improvements; 1 1/2 ml. to Council Grove. Price \$55 per acre. Figley & Dilley, Council Grove, Kan.

FOR SALE. 640 acres improved ranch. 120 a. cultivation, bal. pasture. 75% tillable. Living water. Will consider income property for part purchase. Price \$25 per a. L. E. Pendleton, Dodge City, Kansas.

FINEST RANCH IN KANSAS. 2360 acres in solid body. 400 first bottom land. 120 in alfalfa; large new buildings. Price \$80. Terms. Only 2 miles out. Guss Schimpff, Burns, Kansas.

80 ACRES smooth land, 3 miles town; 65 cultivation; 14 clover; 10 alfalfa; 2 walnut timber; 3 orchard; 8-r. house; cellar; barn; other buildings. Price \$90. Terms. 150 acres smooth land, 2 miles High School town; 12 clover; 15 blue grass; 35 wheat; good house; barn; corn-crib; 2 wells; Price \$9,000.00. \$3,000.00 down. 170 acres, 1 mile town; 140 cultivation; extra fine buildings; well-watered; Price \$70. Terms. 320 acres, 1 mile town; 140 cultivation; 70 meadow; 110 blue grass; 25 alfalfa; 20 clover; 9-r. house; basement; barn; large silo; other buildings. Price \$20,500.00. Terms. Write, Mansfield Land Company, Ottawa, Kansas.

COFFEY COUNTY, EASTERN KANSAS. Good alfalfa, corn, wheat and tame grass lands. List free. Lane & Kent, Burlington, Kan.

153 ACRES, FINE IMPROVEMENTS. 3 1/2 ml. Cherryvale; good black level land, large new house; good outbuildings. Free gas. \$10,000; half cash. Bowman Realty Co., Coffeyville, Kan.

FOR SALE. 160 acres of well improved land; 80 acres of growing wheat; 2 1/2 miles from Della, Kansas. \$75 acre, \$2500 cash, bal. 10 years at 6%. Possession at once. Write Louis J. Masopust, Ellsworth, Kansas.

SALE ON WHEAT PLAN. A limited amount of extra good land in Ness Co., Kansas, to sell on "wheat plan." Just a few dollars down, balance from crop only. What better would you want? Write today for particulars. C. F. Edwards, Ness City, Kan.

EASTERN KANSAS 136 a. imp., lays well, \$40.00. 80 a. improved, lays well, \$35.00. Exchanges made. T. K. Brockett, Pleasanton, Kan.

KIOWA COUNTY Land bargains. Write for descriptions. Several of my own farms; can make terms to suit. C. W. Phillips

BUY AN OZARK STOCK FARM

Many Ozark farmers are making money raising hogs, cattle and chickens. The fine open winters make it unnecessary to provide expensive quarters and the stock can range nearly the entire year. There is little disease in the Ozark region. A few good brood sows, cows and hens will soon pay for an Ozark farm. Any of the following firms can sell you such a farm. Write them for literature.

320 ACRES. 1 1/2 miles Lebanon; well improved. Price \$55 per acre. No trades. Stillwell Land Co., Lebanon, Mo.

FRUIT and timber, clover and bluegrass land. \$10 to \$25. Write for lists. South Missouri Land Co., Mountain View, Mo.

WHITE RIVER CLUB sites on lake. Farms, ranches, city property; mineral, fruit, poultry land. White River Realty, Branson, Mo.

480 A. STOCK RANCH. Estancia Valley, N. M. Valley land, well imp., \$9,600. Near R. R. Want income. F. M. & C. G. Morgan, Springfield, Mo.

ARKANSAS

LITTLE RIVER valley lands rich and cheap. On railroad. Robt. Sessions, Winthrop, Ark.

WRITE for land list and tell us just what you want to buy or trade. Horton & Company, Hope, Arkansas.

IF INTERESTED IN N. E. ARKANSAS farm and timber lands, write for list. F. M. Messer, Walnut Ridge, Ark.

FRUIT, grain and stock farms, all sizes, in Benton Co., Ark. Banner county of state; low prices and easy terms. Gentry Realty Co., Gentry, Benton Co., Ark.

245 ACRES; 75 acres fenced and 30 in cultivation; two sets of improvements and located in the heart of stock raising district; price \$10 per acre. Write for list of bargains. Arkansas Investment Co., Stuttgart, Ark.

FOR SALE—60 acres fine land, 40 in cultivation; house, barn, outbuildings, orchard, fine water; two miles from good town; 13 from Little Rock, \$1,500; also 640 rich land unimproved, \$7.00 per acre. F. J. Hay, Bankers Trust Co., Little Rock, Ark.

ARKANSAS. 1000 acres of first class farming land, well improved. Price \$30 per acre. Write for particulars. Will take part trade. W. B. Lane, Hope, Ark.

ARKANSAS STOCK FARM

400 a. 8 ml. Morrilton, on 2 public roads. Good neighborhood. 260 a. in cult. and pasture. 125 creek bottom and 135 good upland Bal. timber. 3 sets imp. One 6-room frame house. Splendid stock farm. \$9800. Stephens, Cazort & Neal, Morrilton, Ark.

FOR SALE

917 a. farm; best improved in Baxter Co. Barn 50x150, scales, extra good 9 room house, 300 acres in cultivation. All farming tools and threshing outfit. All for \$16,000. 160 acres 1/2 ml. to Haney, 60 a. in cultivation; good spring. Price \$1,600. 33 room hotel and furniture on a fine corner in Cotter. Will trade this for a farm in Kansas. Write for full description and price. A. T. Garth, Cotter, Ark.

ARKANSAS

has another bumper crop. Our 48 inches of rainfall is a guaranty against crop failures. We have 16,000 acres of fine cutover agricultural lands for sale. Your choice of a farm for \$15 per acre. Terms \$1.50 per acre cash, balance any time in 20 years, 6% interest. This land is selling fast. **FRANK KENDALL LUMBER COMPANY,** Pine Bluff, Arkansas.

MINNESOTA

SETTLERS WANTED for clover lands in central Minnesota. Corn successfully raised. Write Asher Murray, Wadena, Minn.

CORN AND CLOVER FARMS near Twin City markets. No drouth. Ask for descriptions. \$25 to \$75 per acre. Carter Land Co., Near Union Depot, St. Paul, Minn.

RICH FARM LANDS in Minnesota Red river valley, where corn, alfalfa, potatoes, and clover flourish. Ideal stock country. Rainfall 28 inches. Crop failures unknown. Prices very low. Write N. S. Davies, Sec'y Minnesota Red River Valley Development Ass'n, Crookston, Minn.

FINANCING THE FARM PURCHASER

The new conditions existing have influenced us to plan a new diversion in the process of selling farm lands. Better in a thousand ways for the renter who wishes to acquire a home of his own, than it was for his forefathers when they took up homesteads under the old pioneer conditions.

We offer eighty or one hundred sixty acre farm plot in Minnesota or North Dakota, in a well settled, prosperous community on our "Half Earnings" plan. A sensible and practical way of enabling the renter to buy a home with payments. Under this plan he has everything to win and practically nothing to lose. At present we are offering only a few choice farm plots.

Full particulars will be furnished upon request. **Great Northern Land & Stock Co.,** 310 Commerce Bldg., St. Paul, Minn.

NEW MEXICO

IRRIGATED FARMS and ranches for sale or trade. Most healthful and mild climate. Plenty of pure water. "No trouble to answer questions." **Braley & Ball, Fortales, New Mexico.**

IF YOU WANT farms or stock ranches in the Ozarks of Missouri, write A. J. Johnston, Mohave, Nat'l Bank Bldg., Springfield, Mo.

83 A. close town; spring, house, barn; 20 a. cult. \$650. Other bargains. McQuary, Seligman, Mo.

THE OZARK MOUNTAIN REGION is a most delightful place in which to live, having splendid climate and abounding in living springs of pure water. It has hill, prairie and valley land, a variety to suit everybody. Wonderful prospects for increase in values. Write for free booklet. Wm. F. Nicholson, Immigration Agent, Kansas City Southern Railway, Kansas City, Mo.

TEXAS

OUR SYSTEM of selling lands and lots has been tested for thirty-five years. \$100 invested will earn 190% profit, besides return the principal with 6% interest. Texas Mutual Development Corporation, 114 Security Building, Galveston, Texas.

GRAIN FARM BARGAIN. I am offering my grain farm of 1,020 acres in Cooke County, North Texas, for sale. 700 acres in cultivation, bal. in pasture and meadow. Two good sets of improvements. Inexhaustible water piped all over place. Natural gas for cooking and heating. Fine black land, abundant rain fall. Will sell 1/4 or all. \$70 per acre. J. L. Halbert, Owner, Corsicana, Tex.

TEXAS RANCHES

Texas ranches in any size you want, in any part of the state, also colonization tracts. Years of experience in handling farm lands and ranches. Inspection reports made on Texas property. Have a few good tracts that owners will accept part in good trade. Greatest demand in the history for Texas ranches. In writing, state size of tract you want. J. Walter Day, Kansas City, Mo., 215 Finance Bldg. Home-Main 5108.

COLORADO

FOR BEST 320 acre three year Homesteads, see or write **Warren Musgrove & Co.,** Lamar, Colo.

FOUND—Homestead near Ft. Morgan. 320 acres rich farm land, not sand. Price \$200, filing fees and all. J. A. Tracy, Ft. Morgan, Colo.

NEBRASKA

WE GUARANTEE you bargains in stock farms and ranches. Write Willis Caldwell, Broken Bow, Nebraska, The Bargain Man.

NORTH DAKOTA

BEST DEAL ON BEST SOIL in rain belt. Wadsworth, Langdon, N. D.

CALIFORNIA

MAGNIFICENT TRACTS

In the heart of the Sacramento Valley on the famous Bidwell Ranch for sale on easy terms. Prunes, peaches and almonds, located within a mile of a city of 18,000 people. The finest soil in California, a rich garden loam, noted for its production of fine fruit. Write for descriptive literature. Bidwell Orchards, Inc., Chico, Calif.

MISSISSIPPI

Holiday Bargain in Pecan Land Gulf Coast of Mississippi.

Good pecan land is selling at from \$30 to \$40 per acre in this section where many Northern people are growing pecans, oranges, figs, fruits and vegetables of all kinds. I have 120 acres as fine land as can be found that is offered at \$10 per acre cash; 1/4 mile to railway station; adjoining canning factory; and within 30 miles of the gulf. This place is a snap. Earl A. Kiefer, Room 22, Orpheum Bldg., Topeka, Kan. Phone 1490.

LOUISIANA

Corn Farm Bargain

I am offering a special bargain on small cash payment, an improved farm of 300 acres; 250 acres is in cultivation, balance in nicely shaded pasture, watered with spring streams. Fair improvements; rich soil that will grow good corn, oats and hay. The price is \$25 per acre; \$5 per acre cash and long time at 6% on balance. Fine place for stock and general farming. Good climate, land high and dry, lays flat to gently rolling. This farm is not in Kansas but we can show as good corn as the average in Kansas. It is 110 miles from New Orleans on the high side of the Mississippi. The land is worth more than the price quoted but price is made to move it quickly. It will cost about \$50 to see the land and I do not expect you to buy until you see it. There it is cooler in summer and much warmer in winter than here and your family can have all the advantages they have here. No pioneering in Louisiana. Just good farming is what is needed. 6654 new families moved into Louisiana last year. The above farm is only one of several I can offer. Farms run from 120 acres up to 1250. This one is a bargain and will make you money from the start. If this appeals to you, act quick! I have other places but this is the best I can offer. Earl A. Kiefer, Room 22, Orpheum Building, Topeka, Kan. Phone 1490.

Better Prospect For Wheat

Snow Furnishes Moisture and Protection From Severe Cold

By Our County Correspondents

THE snow came just in time to protect the winter wheat from the severe cold. There is a great deal of moisture in the snow, too, and wheat growers are much more cheerful over the prospects for next year than they were two weeks ago. It is mighty nice to have a white Christmas when there is plenty of feed for the stock. The fact that this snow stayed spread out over the fields, where it would do good, pleases everyone. No one likes to see a snow storm pile big drifts into the roads.

KANSAS.

Marion County—Corn is all husked. Wheat is pretty good but the Hessian fly is damaging it. Rain is needed very badly. Stock doing well.—W. H. Gaede, Dec. 14.

Greeley County—Cold and snowy weather. Stock doing nicely as the grass is good and there is plenty of feed. Some cattle died with blackleg.—F. C. Woods, Dec. 18.

Washington County—Very cold weather for December. Farmers not doing much but chores. Farmers' Union is getting stronger and is shipping in sugar and flour. Eggs 25c.—Mrs. H. A. Birdsley, Dec. 19.

Barber County—Very cold this month. Some snow but not enough to do wheat much good. Stock doing well. Few of them on full feed. Lots of poultry being sold and plenty on hand.—G. H. Reynolds, Dec. 18.

Finney County—Not much doing. Farmers and stockmen busy caring for stock. No moisture to speak of but two weeks of cold weather. Best harvest is almost ended, some cattle being shipped out.—F. S. Coen, Dec. 18.

Pottawatomie County—Four to six inches of snow covers the ground. This is good for the winter wheat, which was in fine condition. Grain buyers here paying 57c for field corn. Stock in fine condition.—S. L. Knapp, Dec. 19.

Graham County—Weather is moderating some now, although it has been zero during the last few days. Wheat needs moisture. Stock doing well. Plenty of feed. Wheat \$1.02; corn 58c; cream 30c; eggs 28c.—C. L. Kobler, Dec. 19.

Anderson County—Winter set in December 12. Very little fall plowing done. Shredders are at work in this part of the county this week. Stock doing well. Some corn being shipped out of the county at 55c.—G. W. Kiblinger, Dec. 17.

Lane County—Cold weather for a week. Not much snow. No moisture for the wheat. Corn husking and threshing about finished. Not much market for cane seed. Wheat \$1.01; corn 70c; eggs 30c; butterfat 28c.—F. W. Ferrigo, Dec. 15.

Rice County—Very cold during the last week but very little snow. Wheat needs moisture. Cattle very high. Some land selling at \$140 an acre. Hogs low considering the price of corn which is 70c. Eggs 30c.—E. L. Partington, Dec. 12.

Elk County—Fine winter weather. Corn all in the crib. Feterita, alfalfa and prairie hay being shipped out. Stock looking fine. Some building being done. Prairie hay \$6.50 ton; corn 55c; hogs \$6.50; butter fat 28c; eggs 25c.—Mrs. S. L. Huston, Dec. 14.

Wilson County—Quite cold the last week. Stock doing well. Threshers and shredders busy with corn, milo and kafir. A little moisture would help. Corn 60c; kafir 50c; cattle 6c to 7c; eggs 25c; chickens 8c; turkeys 10c to 12 1/2c.—S. Canty, Dec. 18.

Geary County—Three inches of snow on December 11 and 12 and weather very cold. Also 3 inches of snow on December 18 and weather not so cold. Stock doing well. Some corn being shipped in at 65c. Wheat \$1; oats 40c; hogs \$6.25; eggs 28c.—O. R. Strauss, Dec. 19.

Barton County—Weather cold and dry. A light snow flurry last week but not enough to cover the ground. Condition of wheat not very good as it needs moisture. Considerable wheat has been brought to market. Wheat \$1.01; corn 71c; eggs 28c.—J. A. Johnson, Dec. 16.

Jefferson County—Winter began in earnest here on December 8 after an unusually nice fall. Ten below zero on December 14 and a 3-inch snow fell after a light rain which did the wheat much good. Stock in good condition. Water scarce in places.—Z. G. Jones, Dec. 16.

Doniphan County—The coldest December for years. Wheat well protected by 3 inches of snow. Not much old wheat left in the country. Very little corn will be shipped out of the county. Some hog cholera. Some reports of horses dying with stalk-field disease.—C. Culp, Jr., Dec. 18.

Gray County—Real winter at last and the mercury has been about zero several mornings lately. Farmers busy hauling feed and coal. Some wheat being marketed. Some snow but not enough to benefit the wheat much. We need moisture, and hope to get it. Wheat \$1; corn 60c; maize 50c; eggs 30c.—A. E. Alexander, Dec. 17.

Sumner County—Need rain badly for wheat. This is fine weather for cattle feeding. Cattle fed silage and cottonseed meal are putting on fat rapidly. A great many horses being shipped from this county. Wheat \$1.05; oats 48c; corn 70c; potatoes 65c; butterfat 30c; eggs 27c; hogs \$6.60; kafir 57c.—E. L. Stocking, Dec. 19.

Franklin County—Very cold during the last week. About three inches of snow on the ground. Wheat not as good as usual. Snow needed very much as there has been no moisture for over two months. Hog cholera still bad in the county and only a very few hogs are left. Stock selling well at sales. No plowing done.—H. O. Cain, Dec. 19.

Pawnee County—Very cold weather. No moisture although it is needed badly for the wheat. Stock doing fairly well. Small demand for feed on account of there being no wheat pasture. Rough feed is likely to be scarce before spring. Farmers still hauling wheat which sells for \$1.07; corn 68c;

eggs 27c; hogs about \$6.25.—C. E. Chesterman, Dec. 19.

Ellsworth County—Cold and cloudy the last week with a light snow. Zero weather for two or three nights. Corn about all husked and the average crop was poor. Several cars of corn shipped in. Late sown wheat looks good. Some early sown wheat is turning yellow. Stalk wheat looks very good considering the dry weather. Some farmers threshing fodder for winter feed. Corn 68c out of the car.—C. R. Blaylock, Dec. 14.

Harper County—This county is covered with snow which was very much needed. Not much wheat pasture now. About 90 per cent as much wheat sowed as last year but not half as good a prospect for a crop as at this time last season. Not much stock in the county. Prices good at sales. Cattle especially bring good prices. A few hogs left but not many fat ones. Wheat \$1.07; oats 45c; corn 70c; eggs 28c.—H. E. Henderson, Dec. 19.

Meade County—The usual amount of wheat sown and nearly all up but it is not as good as this time last year. Some wheat pasture. Spring crops of cane good. Many cattle on feed and doing well. Silos filled with good feed. Kafir, milo and feterita crops good. Cattle bring good price. Stock hogs high. Horses bring fair price. Kafir, milo, feterita 56c to 70c; barley 52c to 60c; cows \$60 up; wheat \$1; alfalfa hay \$10.50 to \$11.50; prairie hay \$9.50 to \$11; turkeys 12c to 13 1/2c; hens 8c to 10c.—W. A. Harvey, Dec. 16.

OKLAHOMA.

McIntosh County—Three weeks of cloudy weather. Cotton not all picked. Wheat looks well and the acreage is large. Stock in good condition. Corn 30c; oats 35c; eggs 30c; cotton 6c.—H. S. Waters, Dec. 19.

Lincoln County—Winter weather. Cotton nearly all picked. Stock doing well on pasture. Plenty of roughness. Numerous farm sales and nearly everything brings fair prices. Hay selling for \$8 to \$12.—J. B. Pomeroy, Dec. 19.

Ellis County—Real winter weather the last 4 or 5 days, but it is still dry and wheat is not doing very well. Stock doing well. Eggs 25c; potatoes 85c; wheat \$1; hogs \$6.50; hens 8c; turkeys 11c; kafir 55c.—W. E. Sells, Dec. 14.

Grady County—Continued dry weather and hard freezes have cut down wheat pasture. Wheat stand is generally good. Lots of ground plowed during the fall for spring crops. Corn scarce and high. Plenty of feed stuff.—Sam C. Heffer, Dec. 18.

Washington County—Ground very dry and wheat needs moisture. Only a few flurries of snow thus far. Wheat not making much pasture but there is plenty of rough feed and stock doing well. Wheat acreage larger than last year. Very little corn raised and few hogs. Numerous sales and stock sells high, especially cattle. Wheat \$1.02; corn 60c; eggs 35c.—J. M. Brubaker, Dec. 19.

Hog Killin' Days

(Continued from Page 3.)

hogs are opened. The hair left in the wrinkles around the eyes and on the jowl can be scraped off before the meat cools, better than at any other time. A few minutes spent cleaning the heads and feet then will save hours of work that too often is left for the women folks to do when they make head cheese, souse, and like dishes. As much of the work as possible ought to be done by the men outside the kitchen. A lot of the mess and worry that follows hog killing day thus can be avoided.

It is best to cool the hogs thoroughly before they are cut up. The meat may be blocked the first day but it never should be trimmed until the second day.

Most persons take out the backbone, leaf fat, and ribs first and then, when the meat is blocked, strip out the tenderloin muscles from the middles and use them for sausage. The back strip is rendered into lard. A strip usually is taken off the thick edge of the side to give it shape and another is taken off the thin edge to remove the teats. The side is cut the long way into a thick piece and a thin piece. Some folks like thin bacon and others like thick bacon. This method of trimming pleases both and makes a much more desirable shape and size for kitchen use.

The shanks of the hams and shoulders ought to be cut off well up to the fleshy part. They can be cooked and used while fresh, but if they are left on the hams and shoulders they harden and are wasted. If the bone that projects on the flesh side of the ham is cut off with a saw smooth with the flesh, the ham will cure better and be much more attractive. All the rough edges should be trimmed off the hams and shoulders. The purpose in trimming should be to make a neat, attractive shape that will cure and cut to the best advantage. The fat trimmings are rendered into lard and the lean trimmings are used for sausage. Enough fat is left on the lean to make it fry well.

Big jobs from little joblets grow.

LIVESTOCK AUCTIONEERS.

FLOYD CONDRAY, Stockdale, Kansas.
Livestock auctioneer. Write for open dates.

Livestock Artist
HARRY SPURLING, TAYLORVILLE, ILL.

BOYD NEWCOM, Wichita, Kansas.
AUCTIONEER.
Real Estate a Specialty. Write, wire or phone for dates.

N.W. COX, Wellington, Kan.
AUCTIONEER
LIVESTOCK AND FARM SALES.

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

Jas. T. McCulloch, Clay Center, Kan.
Reference: The breeders I am selling for every year. Write for open dates.

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

RUGGELS & SON, SALINA, KAN.
BEVERLY, KAN.
Livestock, Real Estate. Address either place.

D. F. Perkins, Concordia, Kan.
Livestock Auctioneer
Write, wire or phone for dates.

FRANK J. ZAUN
FINE STOCK AUCTIONEER, INDEPENDENCE, MO.
"Get Zaun. He Knows How." Bell Phone 675 Ind.

JESSE HOWELL, HERKIMER, KAN.
of Howell Bros., breeders of Durocs and Herefords can make you money on your next sale. Write for dates.

W. A. Fisher, White City, Kan.
Livestock Auctioneer. Write or Phone for dates.

Be an Auctioneer
Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages. Next 4 weeks term opens Jan. 4, 1915. Are you coming?

MISSOURI AUCTION SCHOOL
Largest in the World. W. B. Carpenter, Pres
818 Walnut St., Kansas City, Mo.

BERKSHIRES.
Hazlewood's Berkshires
Spring boars, bred gilts—immune: priced to sell.
W. G. HAZLEWOOD, WICHITA, KAN.

Large English Berkshires
2 outstanding fall boars now ready for service, price \$40.00 and \$50.00 each. 30 head of spring boars at \$25.00 to \$40.00 each. 50 head of sows and gilts bred for spring litters, price \$35.00 to \$75.00 each. Address: H. E. Conroy, Nortonville, Kan.

Walnut Breeding Farm
BERKSHIRE boars and gilts, spring farrow, grandsons of Barron Duke 50th, Big Crusader and Masterpiece 77000 and out of Lord Premier sows, also an imported brood outstanding 2-year-old boar and a few good Hereford bull calves. Leon Waite, Winfield, Kan.

BERKSHIRES
Help me put Berkshires on every farm: some nice boars ready for service, prize winners; also some nice bred gilts.
FRED HALL, LONE WOLF, OKLAHOMA

OUTSTANDING BERKSHIRES Priced to SELL
Six spring boars ready to ship; two at \$25 each; two at \$25 each and two at \$50 each. Also one of our herd boars, Ideal Centerpiece 178345 at \$50. 15 sows and gilts and 80 pigs ready to ship. Buy early and save money.
J. T. BAYER, YATES CENTER, KANSAS

BERKSHIRES
for show and utility purposes. Write for prices, describing your wants, and get a photograph of the animal quoted you and thus have some idea of what you are going to get for your money.
Kiesler Farm, Perryville, Mo.

Special Offering
Sutton Farm
Berkshires
125 head for sale, 10 service boars, 15 bred sows and gilts, 100 fancy spring pigs, at attractive prices. Write today.
SUTTON FARM LAWRENCE KANSAS

MULE FOOT HOGS.
Mule Foot Hogs All kinds for sale. Gilts sired by and bred to my first premium winning boars at Ohio and Indiana State fairs of 1913 and 1914. Some fine fall pigs in pairs.
Zene G. Hadley, Box C, Wilmington, Ohio

"Mule Footed Hogs"
The coming hogs of America. Hardy, good rustlers. Pigs 10 to 16 weeks old \$30 per pair. Circular free.
J. B. DICK, LABETTE, KANSAS

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. Nebraska, 820 Lincoln St., Topeka, Kan.
Ed R. Dorsey, North Missouri, Iowa and Illinois, Cameron, Mo.
Jesse R. Johnson, Nebraska, 1927 South 16th St., Lincoln, Neb.
C. H. Hay, S. E. Kan., So. Mo. and E. Okla., 4204 Windsor Ave., Kansas City, Mo.

FURNISHED 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.

Poland China Hogs.

Jan. 26—Ira Dodson & Son, Aledo, Ill.
Feb. 1—Beall & Jackson, Reno, Neb.
Feb. 2—J. H. Hamilton & Son, Guide Rock, Neb.
Feb. 4—Albert Smith & Sons, Superior, Neb.
Feb. 5—G. A. Wiebe, Beatrice, Neb.
Feb. 8—Jas. Arkell, Junction City, Kan.
Feb. 9—Jas. W. Anderson, Leonardville, Kan.
Feb. 9—Phil Dawson, at St. Joe, Mo.
Feb. 10—Ira C. Kyle & Son, Manhattan, Kan.
Feb. 10—Agricultural College, Manhattan, Kan.
Feb. 11—John Kimmerer, Mankato, Kan.
Feb. 12—W. E. Wiley, Steele City, Neb.
Feb. 12—John Belcher, Raymore, Mo.
Feb. 13—J. F. Foley, Dronoquo, Kan.
Feb. 13—Thos. F. Walker & Son, Alexandria, Neb.; at Fairbury, Neb.
Feb. 15—Joshua Morgan, Hardy, Neb.
Feb. 17—H. B. Harter, Westmoreland, Kan.
Feb. 18—J. L. Griffiths, Riley, Kan.
Feb. 19—A. J. Swingle, Leonardville, Kan.
Feb. 23—J. D. Mahan, Whiting, Kan.
Feb. 25—T. M. Willson, Lebanon, Kan.
Feb. 26—Lambert Bros., Smith Center, Kan.
Feb. 26—W. E. Epley, Diller, Neb.
Mar. 1—Groninger & Sons, Bendena, Kan.
Mar. 2—H. B. Walter, Effingham, Kan.
Mar. 3—H. C. Graner, Lancaster, Kan.
March 3—Gilbert Johnson, Osceola, Neb.

Spotted Poland Chinas.

Feb. 24—Alfred Carlson, Cleburne, Kan.
Duroc-Jersey Hogs.
Jan. 25—Geo. Briggs & Son, Clay Center, Neb.
Jan. 26—Ira Dodson & Son, Aledo, Ill.
Jan. 26—Geo. W. Schwab, Clay Center, Neb.
Jan. 28—Dana D. Shirk, Burr Oak, Kan.
Feb. 5—Dr. C. E. Still, Kirksville, Mo.
Feb. 6—Philip Albrecht & Sons, Smith Center, Kan.
Feb. 8—A. C. Buckingham and J. A. Porterfield, Jamesport, Mo.
Feb. 9—Agricultural Col., Manhattan, Kan.
Feb. 10—J. B. Swank & Sons, Blue Rapids, Kan.
Feb. 11—Samuelson Bros., Cleburne, Kan.
Feb. 12—Howell Bros., Herkimer, Kan.
Feb. 16—J. M. Layton, Irving, Kan.
Feb. 18—Baskirk & Newton, Newton, Kan.
Feb. 23—J. R. Jackson, Kanopolis, Kan.
Feb. 25—Martha Kelly, Verdun, Neb.
Feb. 27—E. N. Farnham, Hope, Kan.
March 5—Samuelson Bros., Blaine, Kan.
Mar. 9—F. P. Sylvester, Hennessey, Okla.
Mar. 10—S. W. Alfred & Sons, Enid, Okla.
Mar. 13—W. W. Otey & Sons, Winfield, Kan.
Mar. 12—G. C. Norman, Winfield, Kan.
March 17—Mott & Seaborn, Herington, Kan.

O. I. C. Hogs.

Feb. 3—Chas. H. Murry, Friend, Neb.
Shorthorn Cattle.
Dec. 29-30—Thos. Andrews Estate, Cambridge, Neb.
Jan. 6—Edgar Shooetham, Fairbury, Neb.; sale at South Omaha.
Mar. 16—J. R. Whistler, Watonga, Okla.
March 11-12—Nebraska Shorthorn breeders' sale, Grand Island, Neb. J. C. Price, Lincoln, Neb., Mgr.

Angus Cattle.

Feb. 16—F. W. Schaefer, Yates Center, Kan.
Hereford Cattle.
Jan. 23—Carl Miller, Belvue, Kan., at Wamego, Kan.
Jan. 26—Mousel Bros., Cambridge, Neb.
Feb. 18-19—Nebraska Hereford Breeders' sale, Grand Island; Robt. Mousel, Cambridge, Neb., Mgr.

Percherons.

Jan. 13—H. W. McAfee, Mgr., Topeka, Kan.
Jan. 23—Spohr & Spohr, Latham, Kan.
Sale at Wichita, Kan.
Feb. 18—W. S. Boles & Sons, Enid, Okla.
Feb. 22—F. A. Cole, Barnard, Kan.; sale at fair grounds, Beloit, Kan.

Percherons and Other Draft Horses.

Jan. 28, 27, 28, 29, 1915—Bloomington, Ill.
C. W. Hurt, Mgr., Arrowsmith, Ill.

Clydesdale Horses.

Dec. 31—Thos. Andrews Estate, Cambridge, Neb.

Jack and Jennets.

Mar. 6—G. C. Roan, LaPlata, Mo.

Combination Livestock Sales.

Feb. 8 to 13—T. S. Kirk, Mgr., Enid, Okla.
Feb. 25—Miami Co., Breeders. Draft horses, beef cattle and hogs. O. C. Hagans, Mgr., Paola, Kan.

N. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

Alfred Carlson, Cleburne, Kan., breeds big spotted Poland China hogs and has one of the largest herds in Kansas. His foundation stock came from three prominent Missouri herds and he raised over 100 early spring pigs. February 24 is the date of his big bred sow sale. You can ask him to book you for a catalog any time. Also write him about a spring boar.

A. L. Albright of Waterville, Kan., has been having a nice trade in Poland China boars, having sold fifteen. Mr. Albright

DUROC-JERSEYS.

IMMUNED DUROC-JERSEYS
Best of blood lines. Big type. Plenty of all ages. Prices right. Guaranteed. **MOSER & FITZWATER, GOFF, KANSAS.**

10 April and May Duroc Boars sired by Iowa Chief 2nd and Van's Crimson Wonder. Also a nice lot of gilts sired by these great herd boars and bred to a son of Royal Climax. **GARRETT BROS., STEELE CITY, NEB.**

Smith's Durocs
Keeling gilts, by Smith's Graduate, others by Tettler, by Tettler, bred for September litters. Spring pigs either set. Priced reasonably. **J. R. SMITH, NEWTON, KANSAS.**

Durocs of Size and Quality
Immured boars and bred gilts, all from large prolific stock. Band O's Col. Superba, Defender, Perfect Col., Good E. Nuff Again King, and Ohio Chief blood lines. Description guaranteed. **John A. Reed, Lyons, Kansas**

Duroc-Jersey Bred Sows
Fall Yearlings, bred to Advance. Extra individuals, Crimson Wonder and Col. blood. Also tried sows open and yearling and spring boars. Will ship on approval. Bed rock prices for quick sale.
W. B. ALBERTSON, LINCOLN, NEB., Route 7.

Immured Boars and Sows
Fifty immured Duroc-Jersey boars ready for service, \$35 to \$55 and up. 200 immured sows bred to Buddy K 4th, Wide Awake, Cream and others, \$30 to \$50 and up. Ready for immediate shipment. See W. Schuch, Clay Center, Neb.

CAMPBELL'S DUROCS
A few yearling sows, also spring pigs—the handsome, stretchy kind. Ohio Chief, Col. and Model Top blood lines. Can ship via Rock Island or Santa Fe. Satisfaction guaranteed.
A. T. CAMPBELL, MARION, KANSAS

Illinois Duroc-Jersey Pigs
By Chief Selection 124885, Pal 44542, Prof. King 35461. Out of sows just as well bred. Have a great lot of strong husky March males priced right.
W. L. STONER, HENRY, ILLINOIS

Marsh Creek Herd DUROCS
Sows and gilts bred for March and April farrow. Big and stretchy with good bone, good color and broad, deep bodies. Immune. Will be priced reasonable and descriptions guaranteed. Write for Free. **Ralph P. Wells, Formosa, Kansas**

TATARRAX HERD DUROCS
No bred sows or gilts to spare. Special prices on spring pigs. Pairs, trios and young herds with male to mate. Everything immunized by double treatment. Write today. **BUSKIRK & NEWTON, NEWTON, KAN.**

Hirschler's Durocs
Herd headed by Graduate King, by Graduate Col. Gilts by Tatarrax Chief and E. L.'s Col. bred to him; also a fine lot of spring boars, priced for quick sale. Write today.
E. L. HIRSCHLER, HALSTEAD, KAN.

ASH GROVE DUROCS
Choice spring boars weighing 125 to 150 pounds. Priced to sell and guaranteed.
PAUL SWEENEY, BUCKLIN, KANSAS.

Pawnee Crimson 117813
by Crimson Wonder 3rd. Spring and last fall boars for sale by three different bands. Priced to sell.
OWA D. SHUCK, BURR OAK, JEWELL CO., KAN.

Uneda Herd
Unexcelled
Durocs
March boars of excellent breeding, color and quality. Weight, 125 to 200 pounds and not fat. \$20, \$25 and \$30. Choice Sept. boars \$10 to \$15. The Duroc Bulletin one year with each boar.
Tyson Bros., McAllister, Kas.

IMMUNE DUROC SOWS
For Sale Duroc sows guaranteed in farrow and cholera immune.
Shipped to you before you pay.
F. C. CROCKER, FILLEY, NEBR.

DUROC BRED GILTS PRIVATE SALE
Will not hold public sale and offer privately 18 choice yearling gilts, and 15 tops of spring crop. All sired by Royal Wonder and bred to Big Critic a richly bred 800 pound boar when mature. Every representation guaranteed.
D. S. COCHRAN, LINCOLN, NEBRASKA

Select Chief, The Grand Champion
This fall at Hutchinson and Oklahoma City. We won 24 ribbons at the two shows. All our top spring boars at private sale. Write for particulars and prices.
THOMPSON BROTHERS, GARRISON, KANSAS.

Good E. Nuff Again King, Grand Champion
Crimson Wonder 4th, second, Kansas State Fair 1913. Otey's Cream, junior champion Kansas State Fair 1914. Herd boars and grand champion prospects for sale. **W. W. OTEY & SONS, WINFIELD, KAN.**

BALDWIN DUROCS
Baby boars \$7. Spring gilts \$25. Bred to "Bell the Boy" the undefeated first prize winner at the "Kansas State Fair" the "Tenn. State Fair" and the "Interstate Fair". Immune. Rose Comb Rhode Island Reds. Winners at the big shows. 19 incubators. Cockerels \$2. Call and see us.
R. W. Baldwin, OON WAX, McPherson Co., Kan.

RED S \$2

THE GET OF CHAMPION BOARS
Duroc-Jersey spring boars and gilts sired by 800 and 1,000 lb. champion boars and out of one of the best herds of sows in Mo. Big boned, strong boars ready for service, \$20 to \$25; gilts bred to farrow in March, \$25 to \$35. Register papers furnished without extra charge. Send your check and get your money's worth. **R. W. TAYLOR, Olean, Mo.**

Royal Scion Farm Durocs
The Great Graduate Col. Col. Scion and Gano's Pride head this herd. Extra choice Fall and Spring boars. Their dams are our best matured tried sows.
G. C. NORMAN, Route 10, WINFIELD, KAN.

BIG TYPE UNPAMPERED BERKSHIRES
550 sows bred to Fair Rival 40th. King's 4th Masterpiece. Trusttype, King's Trusttype, and the great show boar King's 10th Masterpiece. All sows, large and heavy boned. Sows farrow from August 1st to December 1st. Eighty head 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. B. KING, BUTLER, KANSAS.

DUROC-JERSEYS.

Immune Duroc-Jerseys
8 head of spring boars, 2 show boars. 30 spring gilts bred to Watson's Defender, a son of Defender. Satisfaction guaranteed. **R. C. WATSON, ALTOONA, KAN.**

HOWE'S DUROCS
Fall yrly. gilts, out of most prolific sows of breed. Spring boars and gilts by J. U.'s Model by Model Duroc, half bro. of Hutchinson State Fair champion; special low prices on spring boars ready for service.
J. U. HOWE, WICHITA, KANSAS

SHEPHERD DUROCS
Ohio Chief, Col. and Good E. Nuff Again King blood lines. Choice from large litters, spring and winter boars good enough to please the breeder and at farmer prices. **G. M. SHEPHERD, LYONS, KAN.**

BONNIE VIEW STOCK FARM
For Sale: March and April boars, tried sows and head gilts by Tat-A-Walla and Jayhawk Crimson Wonder. Sows bred to Tat-A-Walla and gilts bred to A. Collier.
SEARLE & COTTE, BERRYTON, KANSAS

HUSTON'S DUROCS
Boars for sale by Country Gentleman, Golden Model 4th and Model 14099; sows and gilts set in pigs to such sires as Long Wonder 2nd, Country Gentleman and Model. All immune and spot-on. **W. E. HUSTON, AMERICUS, KANSAS.**

25 March and April Boars
by Dreamland Col., by Clear Creek Col., by Burt 711, by Crimson Wonder 4th, from \$30 to \$35. Head boar prospects and show prospects. Write soon and get the choice ones. **J. A. JACKSON, KANDOLIS, KAN.**

BANCROFT'S IMMUNE DUROCS
We hold no public sales; nothing but the best offered as breeding stock. Choice spring boars, also gilts, open or bred to order for spring farrow. Customers in 13 states, satisfied. Describe what you want. We have it.
D. O. BANCROFT, OSBORNE, KANSAS

Hillcrest Farm Durocs
Boars ready for service sired by Taylor's Model Chief, half brother to Grand Champion Mo. State Fair, 1914. Good boars at farmers' prices. All immune.
E. N. FARNHAM, Hope, Kan.

50 Duroc-Jersey Boars
The actual tops from the 375 pigs of March and April farrow. Sired by five different boars. Up to date breeding and well grown. Farmer's prices quoted. No fall sales. Write
SAMUELSON BROS., Cleburne, Kan.

Private Boar Sale
Top boars from our 115 March and April Duroc-Jersey pigs. Nothing but choice ones priced. Extra size, best of breeding. Prices reasonable and satisfaction guaranteed.
HOWELL BROS.
Herkimer, Marshall Co., Kansas.

Maplewood Farm DUROCS
We offer the 40 Fall and Spring gilts intended for our bred sow sale at private sale. We will breed them to either of our splendid herd boars to your order and ship satisfaction guaranteed. Prices quoted that are lower than we would have to have in a bred sow sale. Also two splendid March boars.
Write for breeding, descriptions and prices.
MOTT & SEABORN, HERINGTON, KANSAS

GOOD DUROC GILTS
Do you want Duroc-Jersey gilts, either bred or open. The kind with good size bone and quality? Let me sell you two, four, six or enough to start in the business and start right. They are by such sires as Dandy Model, grandson of reserve champion Dandy Duke and his dam was the champion, Lincoln Model. They are bred right and if you want good gilts priced reasonably we can deal. Write, phone or call soon.
HAROLD P. WOOD, Elmdale, Kansas

DUROC-JERSEYS.

WOODDELL'S DUROCS

Herd headed by Rex E. Nuff by Good E. Nuff Again King and brother to Oley's Dream. Spring boars and gilts priced reasonable. Satisfaction guaranteed. G. B. WOODDELL, WINFIELD, KANSAS

HAMPSHIRE.

Registered Hampshires Choice boars and gilts, well marked. A. Swanson, Winfield, Kan.

REGISTERED HAMPSHIRE 150 gilts and boars, all ages. Cholera immunized. Description guaranteed. C. E. LOWRY, Oxford, Kan.

Reg. Hampshire Gilts Bred or Open Also fall pigs, and priced to sell. F. B. WEMPE, Frankfort, Kansas

HAMPSHIRE Best of blood lines, well marked pigs, pairs or trios, with young boar to mate gilts. Breeding stock at all times for sale. Satisfaction guaranteed. S. E. SMITH, LYONS, KANSAS.

For Hampshire Hogs, Dutch Belted Cattle, Arab Stallion COLLIE DOGS AND GEES FEATHERS. WRITE C. W. WEISENBAUM, ALTAMONT, KANSAS.

SUNNY SLOPE FARM

HAMPSHIRE

Fall pigs now coming—orders booked, 3 for \$50.00. A few spring pigs good enough to show at \$25.00 and \$40.00. Also three bred sows. I guarantee to please you or adjust any difference to your complete satisfaction. FRANK H. PARKS, Olathe, Kansas

O. I. C. HOGS.

O. I. C. PIGS Prolific Type; Registered. ED KRAUS, HAYS, KAN.

O. I. C. FALL BOARS REGISTERED FREE. HENRY KAMPING, ELSMORE, KANSAS.

O. I. C. BOARS THAT ARE EXTRA GOOD. HARRY W. HAYNES, MERIDEN, KANSAS.

Sunny Side Herd O. I. C. 50 Spring pigs both sex, pairs and trios not related, best of breeding, priced right. W. H. LYNCH, Reading, Kan.

O. I. C. Spring and fall pigs, good herd boar and bred sows. Special prices for next 30 days. A. G. COOK, WALDO, KAN.

Grandview Stock Farm 25 O. I. C., March and April, boars and gilts. Special prices for the next thirty days. ANDREW KOSAR, Delphos, Kan.

O. I. C. BRED SOWS and GILTS

A few tried sows and gilts bred for spring farrow; boars ready for service, pairs and trios not related. Best ever offered. Very reasonable prices. JOHN H. NEEF, BOONVILLE, MISSOURI

THIS
O. I. C.
SOW WEIGHED 932 LBS.
AT 23 MONTHS OLD
IONIA GIRL

I have started more breeders on the road to success than any man living. I have the largest and finest herd in the U. S. Every one an early developer, ready for the market at six months old. I want to place one hog in each community to advertise my herd. Write for my plan, "How to Make Money from Hogs." G. S. BENJAMIN, R.F.D. 33 Portland, Mich.

Maple Grove O. I. C's.

Sows with quality and finish to farrow in Jan., Feb. and March \$30 to \$35. Choice gilts farrowed last Jan. bred to farrow in Feb. and March, \$22.50. Pigs two to five months old \$8 to \$14. Pairs and Trios not related. May boars \$15. May gilts \$17.50. Prices are good until Jan. 1st, 1915. Never had cholera on the place.

J. F. Greiner, Billings, Missouri

JACKS AND JENNETS.

Big Boned Jacks and Jennets

Herd won more prizes at Oklahoma State Fair 1914 than all others combined. One of the oldest established herds in the state. J. H. SMITH Kingfisher, Okla.

MAMMOTH JACKS

You will find at my barns one of the largest number of best quality registered, big-boned black jacks, 15 to over 16 hands, to be found in the U. S. Reference, Banks of Lawrence. Location 40 miles west of Kansas City on the U. P. and Santa Fe. Prices reasonable.

Al E. Smith, Lawrence, Kas.

Jacks and Jennets

A good lot of two to six-year-old jacks, well broke and quick servers, the kind that gets business in any community. Reduced prices for the next 30 days. Call or write.

PHIL WALKER
MOLINE, KANSAS

still has a few extra good ones sired by Cavett's Mastiff and Brookside. On these he is making the especially low prices of \$20 to \$30 with an idea of moving them at once. If interested in this offering write Mr. Albright and mention Farmers Mail and Breeze.

Walter Hill, Hope, Kan., is proprietor of the Dickinson County Herd of Galloways and the herd numbers over 50 head of registered cattle. Mr. Hill keeps only the choice heifers to increase his herd. He started a few years ago with three cows and a bull. At present he has for sale seven young bulls ranging in ages from 6 to 12 months, and 10 choice young heifers ranging in ages from 18 months to 2 years. Write him, mentioning the Farmers Mail and Breeze.

Sells at Reasonable Prices.

Fred R. Cottrell, Irving, Kan., is advertising 10 Hereford heifers of good breeding and eligible to registry, at a figure that should sell them quick. The price is in his advertisement in this issue of the Farmers Mail and Breeze. Look it up and see for yourself. He has 200 head at present and wants to sell some of them. He also has some bulls ready for service. Also 16 March Poland China boars ready for service. Write him for prices. Mr. Cottrell is one of the pioneer Hereford breeders of the state.

Walker's Winter Sow Sale.

Thos. F. Walker & Son, Alexandria, Neb., are breeders of big type Poland Chinas, who have been advertising spring boars in the Farmers Mail and Breeze until recently. They report a splendid demand from all over their territory of which Kansas is a big part. The strongest demand was for Blue Valley boars and they are all gone. They have two herd boars that are beginning to be talked about, Blue Valley A. Wonder and Blue Valley Jumbo. February 13 is the date of their big annual bred sow sale in the pavilion at Fairbury. They are going to sell 50 sows and gilts that will eclipse anything that ever was offered from this now famous Poland China breeding farm.

Durocs at Attractive Prices.

Tyson Bros., McAllister, Kan., are Duroc-Jersey breeders in Wallace county who never heard of disease and by the way their herd is one of the real good herds of the entire country. The writer was out to visit them last May and found their herd in a very thrifty and growing condition. They have plenty of alfalfa and running water and all the range they can handle. Tyson Bros. have sent orders to prominent eastern herds almost every year and bought the good ones and taken good care of them when they got them home. At present they are offering a choice lot of March boars that will weigh from 175 to 200 pounds and not fat, at very attractive prices. Also some choice September boars at attractive prices. Write them for prices and descriptions. Look up their advertisement in this issue.

Red Polled Cows and Bulls.

Chas. Morrison & Sons have been having a remarkable sale on their Red Polled cattle. They have 10 bull calves under 8 months old, nothing older. They say they have been getting from two to five inquiries for yearlings each day for the last six weeks, from which they conclude that many farmers are waking up to a realization of the value of Red Polled bulls to cross on all kinds of grade cows. The bull calves offered are by the grand champion, Cossey's Napoleon Apple. His sire and dam have been grand champions at Chicago and all the State fairs, where shown, this year. These calves are an even bunch and all from choice cows that are heavy milkers. They should head purebred herds. Messrs. Morrison have heifers of all ages and young cows, bred. They can fit out a young herd for anyone wanting to start in the business. The Morrison cattle are all dark red with lots of size and plenty of quality. There is no better breeding. If interested write Chas. Morrison & Sons, Phillipsburg, Kan., and mention Farmers Mail and Breeze.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

J. C. Robison, Towanda, Kan., sold, Thursday, December 17, 42 Percherons for \$22,380, making an average of \$532.85. The 24 mares averaged \$440.62. The 18 stallions averaged \$655.83. The top stallion was a son of Casino, bought by John Strothers, Alva, Okla. The mare sale was topped by W. S. Boles & Sons, Enid, Okla., who paid \$800 for the imported mare Kapitol. The crowd was conveyed to and from the sale pavilion on the Whitewater Falls Stock Farm by automobiles and, in the usual Robison way, everybody's convenience was looked after. It was a most satisfactory sale in every way and shows the firm undertone to the Percheron business.

Shorthorns in Demand.

R. A. Stephens, Atlanta, Kan., had a very satisfactory sale of Shorthorns. The young heifers were the most attractive to buyers and spring calves sold at the best figures, several going at \$80. Mr. Stephens made the mistake of not cataloging his sale animals which left the impression on those writing for particulars that they were perhaps plain bred or inferior in quality.

Golden Model Durocs.

W. R. Huston, Americus, Kan., has some Golden Model bred boars that would do credit to a good breeder of Iowa, where he purchased this blood, and his prices will be very low compared with what such boars would cost from well advertised Golden Model herds. His prices on bred sows and gilts will also be very reasonable. They are safe in pig to Country Gentleman. Write your wants today, mention Farmers Mail and Breeze.

Royal Sclon Duroc-Jerseys.

G. C. Norman of Winfield, Kan., the proprietor of Royal Sclon Stock Farm, has for sale at bargain prices, five fall, 12 spring and eight July Duroc-Jersey boars. They will weigh from 100 pounds to 400 pounds and include sons of the great Graduate Col. Mr. Norman recently sold J. H. Sullivan of Mangum, Okla., one of these boars for \$100. Mr. Norman says he was trying to price this boar so high that nobody would buy him because he wanted to keep him to use in his own herd but that Mr. Sullivan knew a good one when he saw it and the price did not stand between him and the hog he thought was good enough to head his

POLAND CHINAS.

Spring Boars

By the champion Smuggler priced for quick sale. J. L. Myers, Galva, Kan.

Poland Chinas with size and quality herd Giant and Long Look. Cholera immune. Stock for sale. LAMBERT BROS., SMITH CENTER, KAN.

Spring Brook Stock Farm For sale: Felt Durham Bulls and Poland China boars. Write me for prices. T. M. Wilson, Lebanon, Kan.

Courtland Herd Big Type Polands For Sale: Boars and gilts by Long John. Gilts bred to Orange Wonder 2nd of Tecumseh Sam. W. A. MONTGOMERY, COURTLAND, KAN.

I HAVE SOME FALL PIGS for sale at a bargain. Priced to sell. Sired by my blue ribbon, reserve champion and grand champion boars. W. Z. BAKER, RICH HILL, MISSOURI

J. F. Foley, Oronoque, Kan. (NORTON COUNTY) 25 Early Poland China Boars. Big kind. Prices right. Address as above.

SPECIAL BOAR BARGAINS 15 yearling and spring boars for sale, sired by Cavett's Mastiff by King Mastiff and Sterling by Brookside, by Hadley. \$20.00 to \$30.00 to move them quick. A. L. ALBRIGHT, WATERVILLE, KANSAS

Success Stock Powder

Corrects indigestion, removes worms, is an appetizer and is absolutely the best conditioner on the market. It is an honest stock conditioner and sold at a fair profit. For reference, testimonials and prices, address, DOUGLAS & SON, MANHATTAN, KAN. FARM AGENTS WANTED.

Poland China Boars

March and April farrow. Also a few choice fall yearlings. Strictly Big Type. Gilts reserved for bred sow sale. JAS. ARKELL, Route 4, Junction City, Kansas

Strauss' Big Poland Chinas

Six last fall boars and 18 spring boars by Model Wonder (900 pounds) and Blue Valley Chief by Blue Valley. Write me your wants. O. E. STRAUSS, MILFORD, KANSAS

Wiebe's Immune Polands

March boars weighed 300 pounds Nov. 1st with 7 1/2 inch bone. All from big litters and fashionable big type breed. Choice March and April boars and spring yearlings. Priced to sell quick. Satisfaction guaranteed. G. A. WIEBE, BEATRICE, NEBRASKA.

ENOS' Big Type POLANDS

30 head of fall and spring boars, 40 head of sows and spring gilts by Orphan Chief and Major Hadley. Out of Knox-All-Hadley and A Wonder's Equal dams. All strictly big type. Private sale only. Write for prices. A. H. ENOS, RAMONA, KANSAS.

Jumbo Herd Poland Chinas

Up-to-date big type breeding. Top spring boars for sale. Gilts reserved for Feb. 9 bred sow sale. Write JAS. W. ANDERSON, Leonardville, Kan.

King of Kansas

Fall pigs at attractive prices. Either sex. Out of my big sows. Get the best and grow them out yourself. Bred sow sale Feb. 18. Write J. L. Griffiths Riley, Kan.

KLEIN'S BIG POLANDS

Boars and Gilts, spring farrow at attractive prices. Can furnish them not related. I guarantee satisfaction. L. E. KLEIN, Zeandale, Kan.

J. H. Harter's Poland China Fall and Spring Boars

Fall boars by Gephart, Mogals Monarch and Long King. March and April boars. Write for prices J. H. HARTER, WESTMORELAND, KAN.

Both Large and Medium Type Polands—300 Head

Great big, stretchy, spring pigs from mammoth sows, the kind that have show type and yet with abundance of size. We want to sell only the kind that will please you and at prices that will make you buy more. Write today. Olivier & Sons, Danville, Kan.

DOOLEY'S SPOTTED POLANDS

Etterville Breeding Farm, home of the old original spotted Poland Chinas. I am selling spring pigs, either sex, sired by five of the biggest and best spotted boars of the breed. Pairs and trios not related. Get your order in early as they are going fast. Over 100 head to select from. EDGAR DOOLEY, EUGENE, MISSOURI

Blough's Large Type Polands

Big Growthy Spring and Yearling Boars, good enough to head a breeder's herd and at prices any farmer can afford. Big, stretchy spring gilts, also a few tried sows and fall yearling gilts will be sold bred for early spring farrow. Come and see these hogs. If you are disappointed in their size or quality when you see them I will pay your car fare home. Yours for business and at prices we both can afford. Write your wants today. JOHN BLOUGH, BUSHONG, KANSAS.

LOOKABAUGH POLAND CHINAS 600 Head. Best of Large Type Breeding.

A Wonder, Hadley, Designor, Long King and other noted blood lines. ANY FARMER CAN AFFORD ONE 100 SPRING BOARS They grow big and mature early and will breed just that way for you. Why not have a crop of pigs next spring that not only will look good, but make hogs big enough to ship out next fall before the weather gets cold. I want to sell 50 of these boars to farmers the next 30 days and when your pigs arrive if you are not satisfied you have made a good buy I will refund your money cheerfully. But you must do business quickly if you get one of these good boars. Also bred sows and gilts.

H. C. LOOKABAUGH, Watonga, Oklahoma

POLAND CHINAS.

POLAND CHINA BOARS

of March farrow for sale. Prominent breeding. Prices will suit. Address Sam Herren, Penokee, Graham Co., Kan.

Becker's POLAND CHINAS

Spring gilts, Hadley, Expansion, Mastodon, and other leading strains and safe in pig to Orphan Boy, by Orphan Chief. Fall pigs, pairs and trios, by Orphan Boy and Hadley's Wonder, a grandson of A Wonder. J. H. BECKER, NEWTON, KANSAS

Big Orange Again and Gritters Surprise

Early spring boars. Herd header material at reasonable prices. Write for descriptions, breeding and prices. A. J. SWINGLE, LEONARDVILLE, KAN.

FULKERSON'S BIG TYPE POLANDS

50 serviceable males weighing from 165 to 300 pounds and 175 pigs, either sex, for sale. They are by Ben's Son and Oronoke and out of sows by A. Wonder, Bell's Price, etc. 30 registered Shropshire rams. F. D. FULKERSON, BRIMSON, MISSOURI

SHEEHY'S BIG POLAND CHINAS

Fall yearling gilts, spring gilts and tried sows, bred for early farrow. Fall weanling pigs. Everything immune. Ed Sheehy, Hume, Mo.

Special Herd Boar Attraction

We are offering a yearling boar that we had kept in herd to assist Miami Chief. Write for detailed information. F. L. WARE & SON, PAOLA, KANSAS

MT. TABOR HERD POLANDS

I am offering the tops of my 150 spring pigs by four different boars at attractive prices. Write for prices on one or as many as you want. J. D. WILFONG, ZEANDALE, KANSAS.

Alfred Carlson's Spotted Polands

Immune Original Big Bone Spotted Poland China boars for sale. Also fall pigs. Gilts reserved for bred sow sale Feb. 24. ALFRED CARLSON, Cleburne, Kan.

Axlines' Big Type POLAND CHINAS

Herd Headed by Jumbo Hadley 69998 one of the big boned, smooth, easy feeding kind. Both boars and gilts for sale. Prices reasonable. Write to J. E. AXLINE, WELLSVILLE, KANSAS, or E. E. AXLINE, INDEPENDENCE, MISSOURI

ERHART'S BIG TYPE POLANDS

The Biggest of the Big Type. Herd headed by Robidoux 55527, seven feet and eight inches from top of head to root of tail, weight 1200 pounds and stands on a twelve inch bone. A fine lot of massive spring boars, priced for quick sale. Also choice females. A. J. ERHART & SONS, NESS CITY, KANSAS

PRIVATE SALE

85 Feb., March and April pigs at private sale. Satisfaction guaranteed. No public sales. Big type with quality. Write for descriptions and prices. JOHN COLEMAN, Denison, Kan.



GRAND CHAMPION SMUGGLER.



GRAND CHAMPION SMUGGLER.



GRAND CHAMPION SMUGGLER.

POLLED DURHAMS.**SleepyHollowPolled Durham Cattle**

12 good bulls coming 1 year old, bred cows and heifers for sale. Also a number of good jacks. C. M. HOWARD, Hammond, Kansas.

RED POLLED CATTLE.

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

RED POLLED CATTLE

Choice bulls, cows and heifers for sale. Best of breeding. Write or better come and see. CHARLES MORRISON & SON, Phillipsburg, Kan.

RED POLLED CATTLE

BEST OF BLOOD LINES and cattle that will please you. Cows, heifers and young bulls, at attractive prices. I. W. FULTON, MEDORA, KAN.

GALLOWAYS.**Registered Galloways**

250 in herd. 40 bulls from 5 to 18 months, sired by the 2200 lb. Carnot. Imp. breeding. W. W. DUNHAM, Deniphan, (Hall County), Nebraska.

CAPITAL VIEW GALLOWAYS

Bulls from 6 months to 2 years; also a few females of modern and quick maturing type.

G. E. Clark, Topeka, Kan.

SHORTHORNS.**Shorthorns Priced To Sell**

A nice lot of Scotch and Scotch topped bulls 8 to 30 months old; also cows and heifers safe in calf. These cattle can be bought so they will make you a good profit. Do not wait, first come, first served. H. C. Stephenson, Clements, Kansas.

SHORTHORN BULLS

4 Shorthorn bulls, 7 months old, white and roans, sired by Golden Cruickshank, pure Scotch. From the same family as Lavender Lord, by Avondale. C. E. HILL, TORONTO, KANSAS.

Shorthorns

Choice young bulls by my 2,200-lb. Searchlight Bull. Also a few big type Poland China boars. A. M. MARKLEY, MOUND CITY, KANSAS

Shorthorn Bulls

6 bulls from 10 to 14 months old. Also 6 heifers from 1 to 2 years old. Got by pure Scotch sires. A grand lot. Prices reasonable.

L. M. Noffsinger, Osborne, Kan.

SCOTCH and SCOTCH TOP BULLS

10 pure Scotch and Scotch topped bulls of serviceable ages. Also 10 picked Poland China boars and my herd boar A's Big Orange.

Write for descriptions and prices. S. B. AMCOATS, CLAY CENTER, KAN.

Abbotsford Stock Farm

30 years the home of

Scotch and Scotch Topped Shorthorn Cattle

For Sale: 20 bulls, six to 12 months old. Roans and Reds.

Also a nice lot of yearling and two year old heifers. The two year olds are safe with calf. 130 head in the herd. Inspection invited. Address

D. Ballantyne & Son, Herlington, Kan.

Pearl Herd Shorthorns

Valiant 346122 and Marengo's Pearl 351962 in service on herd. Choice early spring bulls by Valiant for sale. Thrifty and good prospects. Scotch and Scotch Topped. Correspondence and inspection invited.

C. W. Taylor
Abilene, Kansas

Three Shorthorn Bulls

Almost perfect in conformation yet representing three distinct types. **Love**, by Lavender Lord, by Avondale and out of Muller, a great cow. One of the best you ever saw. Long, deep, wide, low down, beautiful coat; eight months old; the prize winner kind. **Avondale** 2nd, out of my Butterby cow, dropped May 18th, is too good to sell but I cannot afford to keep him. It pays to buy the best I have them. You can afford to buy them. Photos on request. (Also three extra good Duroc-Jersey boars.) Write today.

D. O. WILSON, Winfield, Kan.

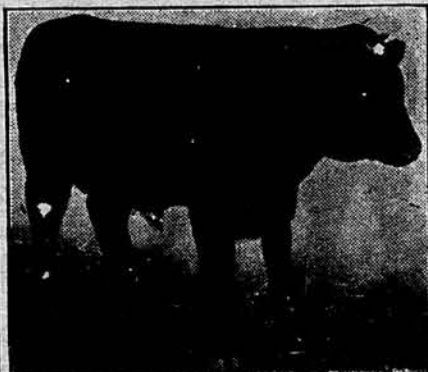
herd. Mr. Norman recently purchased a spring boar for a herd header that was sired by Cherry Chief and out of a Proud Col. dam. This boar will be recorded as Cherry Scion. Cherry King is the sire of Orion Cherry King, grand champion of the Ohio State Fair in 1913. He in turn sired Royal King, grand champion of Ohio State Fair in 1914. Cherry Chief also sired Cherry Select, the sire of the grand champion of Oklahoma State Fair in 1913 and the grand champion of Kansas State Fair, Hutchinson, and Oklahoma State Fair in 1914. Cherry Chief and Graduate Col. both grand champions, lived to be sires of grand champions, granddaughters of grand champions and great-granddaughters of grand champions. This is the kind of hog history that looks good to the proprietor of Royal Scion Farm and is the kind of breeding with which he heads his herd. If you want some of this champion blood write G. C. Norman and mention the Farmers Mail and Breeze.

Cooper's Stock Sale.

The C. F. Cooper sale, Nickerson, Kan., was very well attended. The cold and stormy weather undoubtedly had a bad effect on the sale. The cattle went mostly to the local crowd and at satisfactory prices. The Percherons and Jacks did not sell so well. The top of the Percherons was the imported 4-year-old stallion going to F. S. Kirk, Enid, Okla., at \$1,455. An aged stallion sold for \$695. The Belgian stallion did not sell as no Belgian buyers happened to be present.

Extra Good Shorthorn Bulls.

D. O. Wilson, proprietor of Walnut Valley Stock Farm, near Winfield, Kan., is offering to sell three young Shorthorn bulls. They are the kind that should go to good homes. They will leave their stamp on any herd. Too many breeders try to save a few dollars on the price of a herd bull and lose

**Spring Goods 2d.**

thousands of dollars by trying to save a hundred. The writer has looked these young herd headers over. They are extra good and bred right. Read description in display ad and write for photos and further particulars.

Do You Want Duroc Glits?

Harold P. Wood, Elmdale, Kan., is offering about 30 head of choice Duroc glits, bred for spring farrow. They are by such sires as Dandy Model, a grandson of Dandy Duke, reserve champion at the American Royal and the sire of grand champion boar at Hutchinson and grand champion sow Topeka fair; and Model Col. H. These glits have more than usual bone, size and quality and are bred right. They can be bought for less than they are worth. If you want a nice start in good Durocs here is your chance. Write or call and make your choice. Please mention Farmers Mail and Breeze.

Shorthorn Breeding Stock.

H. C. Stephenson, Clements, Chase county, Kansas, has over 100 head of Scotch and Scotch topped registered Shorthorns. His herd cows represent several of the best families and on them has been used with good success a Choice Goods bred bull. At present his leading herd bull is Cherry Knight, by Barmpton Knight. Mr. Stephenson wishes to sell about 15 head of Shorthorn bulls 8 to 20 months old, and a head of cows and heifers, safe in calf. These cattle will be priced right. Call and see them or write your wants. Please mention Farmers Mail and Breeze.

Nebraska

BY JESSE R. JOHNSON.

Owing to the fact that A. B. Garrison's Shorthorn cattle did not condition as fast as he anticipated, he thought best to postpone his sale from December 17 to a later date, possibly the latter part of January or the first of February. Mr. Garrison is one of the oldest breeders in Kansas and his offering will be worthy of the attention of those who want the best when he is ready to make the sale. As soon as Mr. Garrison determines the date of this sale, announcement will appear in these columns.

Nebraska Shorthorn Breeders' Sale.

We are authorized to claim March 11 and 12 as the dates for the big sale of Shorthorn cattle to be made at Grand Island, Neb., by the Nebraska Shorthorn breeders. Something over 100 head of registered cattle will go into this sale and the very best herds in Nebraska are being drawn upon for consignments. This promises to be one of the biggest Shorthorn events of the season. J. C. Price, of Lincoln, Neb., has charge and will see to it that none but first class individuals are listed. More about this sale will appear in future issues of this paper but applications for catalogs can be filed any time.

Shorthorns Worth the Money.

The Irvin E. Wilson Shorthorn sale held at Mr. Wilson's farm near Belvidere, Neb., December 18, was well attended by buyers from the southern part of the state but buyers from a distance were not present. The offering was sold in ordinary condition which fact cut the average several dollars per head. A big per cent of both the males and females were young. With but two exceptions none of the bulls were old enough for service. So the general average of \$65.25, while not enough, was not so bad

Percheron Stallions and Mares

50 Head of Percherons

All Registered in the Percheron Society of America



Algarve by Samson

at the head of the herd, is a wonderfully impressive sire, weighing over 2200 pounds.

Young stallions and mares by Algarve and big handsome mares of correct type, in foal to him, make up a large part of this offering. His two-year-old daughter was 1st in class at the International and the mares we offer you bred to him are the kind that will do honor to him.

If you want Percherons, we want to meet you and there is no better way than right at our barns and pastures, where you can see what they are and how we raise them. When you see this year's crop of big-boned, square-built, handsome colts you will have a better idea of what we have to sell.

These Percherons are strong in the best blood ever imported from France. They have size, bone and conformation that cannot help but please you if you want the good, big draft type of Percheron. We expect to sell Percherons because we have the right kind and at prices you will say are reasonable. Write wire or phone what you want or when you can call at the farm, 3 miles East of Great Bend. Shipment over both Missouri Pacific and Santa Fe. Call on or address

Harris Bros., Great Bend, Kan.

LAMER

I have just received a new shipment of 20 Stallions and now have

80-Head-80

Stallions, Mares, Fillies and Colts

WRITE FOR PRICES

C. W. Lamer, Salina, Kansas



Percherons, Belgian

I have a fine bunch of Percheron, Belgian and French draft stallions and one Shire stallion. Also mares, colts and fillies that I am offering for sale very cheap. I will sell you a stallion ready for service next spring for from \$300 to \$500. Some extra good ones higher. Colts and fillies very cheap.

J. M. NOLAN, PAOLA, KANSAS

Brilliant Blood, Jet Blacks, Rich Grays

Registered Percheron, 1, 2, 3 and 4 years old. I grow great big fellows with extraordinary bone and heavy quarters—I love a good horse. Come and visit at my plain old-fashioned Percheron farm that has the goods, and lots of them. Don't let anyone tell you that they have Percherons just like Fred Chandler's. Just above Kansas City. FRED CHANDLER, Route 7, Chariton, Iowa.



FOR IMPORTED PERCHERON HORSE and REGISTERED JACK, extra good stock. SALE MT. CARMEL HORSE COMPANY, Pleasanton, Kansas, J. T. Holt, Sec.

For Sale
2 Black PERCHERON Stallions
Big, sound, attractive horses, with unusual style and action. Priced to sell. Bargains.
Sutton Farm, Lawrence, Kans.

Kentucky Jacks and Saddlers
Fine Kentucky, Mammoth Jacks with plenty of style, bone and weight. Saddle stallions, mares, colts and fillies. Buy your Jacks and horses on the farms where they are bred. Home cured bluegrass seed. GONK FARMS, Box F, Lexington, W.

German Coa
70—Horses
The great sired horse, guaranteed.
J. C. BERGNER & SONS, Pratt.

ABERDEEN-ANGUS.

Aberdeen Angus Cattle
DUROC HOGS
 Johnson Workman, Russell, Kan.

ANGUS CATTLE

I will sell my herd bull Rutger Heatherson 3rd, 118104 and eight coming yearling bulls; also some females, open and bred. My herd consists of animals of the best breeding, strong in the blood of the Blackbirds, Queen Mothers, Bruce Hills, Heatherblooms and Lady Jeans.

W. G. Denton, Denton, Kansas

Aberdeen Angus Cattle

50 Females Yearling, and coming yearlings; also one three-year-old bull.
50 Bulls These are the best cattle we have ever offered and priced for quick sale.
 SUTTON FARMS, Route 6, Lawrence, Kan.

DAIRY CATTLE.

Holstein and Dutch Belted
 Male and females very cheap; come and see them.
 M. P. KNUDSEN, CONCORDIA, KANSAS

Sunflower Herd Registered Holsteins

A number of choice young bulls all from A. H. O. dams and from proven sires and grandfathers. (A good bull is a profitable investment, a cheap bull will prove a disappointment.) Buy a good one from
 F. J. SEARLE, OSKALOOSA, KANSAS

Linscott JERSEYS

Premier Register of Merit Herd Est. 1878. Bulls of Reg. of Merit. Imported, Prize Winning stock. Most fashionable breeding, best individuality. Also cows and heifers. Prices moderate.
 R. J. LINSOTT, HOLTON, KANSAS

Registered Jersey Cattle

7 bulls from 1 to 12 mos. All solid colors by Blue Boy Baron. Also Fortshires Fine Boy. Extra individual. 50 per cent Fortshires blood. Cows and heifers. S. S. SMITH CLAY CENTER, KANSAS.

Holstein-Friesian Bulls

Very attractive prices on a registered herd bull, two years old and on younger registered bull calves for next few weeks. One a son of 10 lb. cow and her grand dam a 101 lb. cow. HIGGINSBOTHAM BROS., ROSSVILLE, KANSAS.

BONNIE BRAE HOLSTEINS

I am offering this week 7 head of Registered heifers coming two year olds and 6 head of cows from 3 to 5 years old. Will make an attractive price on the bunch. IRA ROMIG, Sta. B, TOPEKA, KANSAS.

HIGH GRADE HOLSTEINS

Over 200 head in herd. Special prices on cows and 40 yearling and 2-year-old heifers, sired by Sindi Butter Boy King, whose dam and granddam were 27 lb. cows. 40 miles west of K.C. N. EAGER, R. R. No. 8, Lawrence, Kansas

HOLSTEINS

—CHOICE BULL CALVES
 H. B. COWLES, TOPEKA, KANSAS.

SOMMER--BLADS GUERNSEYS!

TUBERCULIN TESTED.
 Some matured cows and young bulls by Chief Glenwood Boy of Haddon, Penwyn 2d and Flash of Fenmore (A. R. 55). Address
 ERNEST KENYON, Nortonville, Kansas

GUERNSEYS

I have one very choice Guernsey bull of serviceable age, out of imported sire and dam; also one six-months' old bull—very choice.
OVERLAND GUERNSEY FARM,
 OVERLAND PARK, KANSAS

HEREFORDS.

Prime Herefords

Clover Herd headed by Garfield 4th, by Columbus 55rd. Choice cows from Funkhouser, Sunny Slope, Newman and other noted herds.

FOR SALE—Choice bulls of all ages; also heifers and cows. Will sell Garfield 4th, because related to my young stock.
F. S. Jackson, Topeka, Kansas

Sedlacek Herefords

14 bulls from 6 to 16 months old for sale. Popular breeding and the best of individuals. Write for full particulars and prices.
 J. F. Sedlacek, Blue Rapids, Kan.

For Sale

Red Hereford bulls, 6 to 15 d. \$75.00 to \$100.00, delivered. Red Heifers, 6 to 9 months old. No. 1 coming 3-year-old Colored herd bull. 16 head good 1 Poland China hogs from 10 months old, \$15.00 to \$25.00.
COTTPELL, Irving, Ks.

after all. The sale was conducted all the way through in such a manner that the buyers' interests were protected, Mr. Wilson insisting on pointing out trifling defects that are not usually mentioned in the sale of cattle at auction. Col. H. S. Duncan presented over again well known facts and some not so well understood generally as arguments favoring the buying of more good cattle.

Boone County Percheron Sale.

The combination sale of registered horses made by E. J. Quiter and other breeders at Mr. Quiter's farm near Albion, Neb., December 15, was rather a disappointment so far as prices went. The entire lot sold, averaging only \$335, which was far below the price such a splendid offering should have brought. The horses were well fitted and came in the ring fully guaranteed, in fact stallions of known value sold way below their value. The prevailing opinion after the sale was that had it been held 60 days nearer the breeding season much better prices would have been received. Cois. Fuller and Williamson conducted the sale in a highly business-like manner and secured every dollar that it was possible to get.

Garrett Brothers' New Herd Boar.

Garrett Brothers of Steele City, Neb., recently purchased a splendid young boar from Howell Brothers of Herkimer, Kan. The new boar's name is Dora's Climax, by Royal Climax. His grandsire, Climax A, was sired by 2d Climax, McFarland Brothers' greatest breeding boar, and his dam was the World's Fair champion sow, Doty. The top sire in this young boar's pedigree for five generations was either first prize or champion boar at Missouri State Fair or American Royal and several of them were champions at both places. Through one of his granddams he received the blood of Buddy K. 4th, grand champion of the Illinois State Fair. The dam of Dora's Climax is one of the best sows in Howell Brothers' good herd. Her sire, Hunt's Special, carries the blood of Nebraska and Iowa State Fair champions. There is no better bred boar in existence than Dora's Climax, and individually he is up to his breeding. Another herd boar used in the Garrett Brothers herd is Van's Crimson Wonder, by Uneeda Crimson Wonder and his dam is by the noted Watt's Model. This firm is offering a nice lot of spring gilts sired by Iowa Chief 2d and Van's Crimson Wonder and bred to Dora's Climax and Van's Crimson Wonder. They hold no public sales and sell their tops at private sale. If interested in this exceptional offer of bred gilts write Garrett Brothers, and mention Farmers Mail and Breeze.

S. E. Kansas and S. Missouri

BY C. H. HAY.

Attention is called to the change of copy of W. Z. Baker, of Rich Hill, Mo. He is now offering Poland China fall pigs, sired by his champion and grand champion boars. If you want a big type with lots of quality, write Mr. Baker about the pigs.

W. A. Baker, of Butler, Mo., has claimed February 19 for his annual bred sow sale. He will have one of the good offerings of the season. Remember the date and plan to attend this sale.

Nolan's Barns Well Filled.

Parties contemplating buying anything in the horse line should not overlook the stables of J. M. Nolan of Paola, Kan. His barns are filled to capacity with fine big Percherons, Belgians, French Draft and Shires. See Mr. Nolan's ad in this paper and write him about these horses. Be sure and mention this paper when you write.

Best Holstein Blood.

Attention is called to the new card of Shulthis, Robinson and Shultz, Holstein breeders of Independence, Kan. This firm has recently brought into Kansas some of the very best Holstein blood that has ever come West. They are offering some choice young calves and the service of their great herd bull, Sir Julianna Grace's DeKol. Write them today for prices and particulars and mention Farmers Mail and Breeze.

Sheehy's Big Poland Sale.

Ed Sheehy of Hume, Mo., has the honor of making the best average of any Poland China breeder in this section this fall. Weather conditions were very unfavorable, but a good crowd was present and they came prepared to take home some of the good things Ed was offering them. No particularly high prices were paid, the top being \$50. The offering was very uniform and the prices ranged even. The average on all hogs over 6 months old was \$35. Seventy-five head were sold. The sale was very ably conducted by Col. J. K. Harmon of Hume, Mo.

Kentucky Mammoth Jacks.

One of the oldest breeding farms in Kentucky is owned by J. F. Cook, of Lexington, Ky. For years this farm has been headquarters for Mammoth Jacks, saddle and light harness horses. Some of the best Jacks ever brought to the Middle West were produced on this farm. An advertisement calling attention to the offering from this farm may be found in this issue of Farmers Mail and Breeze under classification of "Jacks and Jennets." If you want to buy a really high class Jack or saddle horse of superior quality don't overlook this offering. When writing Cook Farms kindly mention Farmers Mail and Breeze.

Special O. I. C. Bargains.

John H. Neef, the big O. I. C. swine breeder of Boone, Mo., is changing his ad in this issue. He is offering boars ready for service, sows and gilts already bred or bred to order, and pairs and trios not related. Mr. Neef owns one of the largest and best bred herds of the popular O. I. C.'s in the country, and he was never in better position to supply his customers with good stock. He can furnish our readers with anything from a herd bar to a weanling pig. The boars are big, husky fellows, ready for heavy service and are priced to move them quick. His gilts are the best lot he has ever had the pleasure of offering. The tried sows included in his offering are among his best herd sows and are bred for early litters. Everything is priced at special prices to reduce the herd for winter quarters. If you can use some of this good stock write Mr. Neef at once, mentioning this paper.

Lookabaugh's Shorthorns

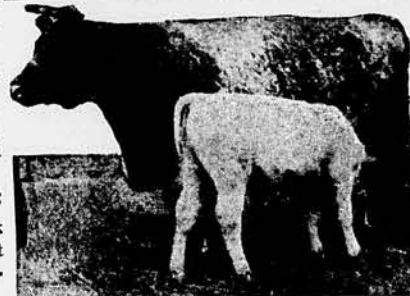
More and better Shorthorns for my customers than ever before. \$20,000 worth of pure bred Registered Shorthorns to sell the next 60 days. \$1000 properly invested in these cattle will make you rich. Come early and get your pick; we pay your car fare home if you do not buy.

Foundation stock that carry the blood of the very best Scotch families.

2 heifers and a bull — milking strain, not related — \$250.

2 fresh milk cows, calf at foot and rebred—milking strain—\$350.

THE FARMER'S COW



Strong in the blood of the most noted sires of the breed.

8 head of heifers, milking strain and Scotch herd bull all for \$1,000.

A car load of rugged young bulls, \$100 to \$150 each.

A WORD TO MR. BREEDER

It is easy to increase the value of every Shorthorn you raise from \$10 to \$30, simply by using a better breeding bull. Stop and figure what this means even on the first crop of calves, whether you have 5 or 50 breeding cows and heifers in your herd. I have never before had such splendid herd bull material from which to select. I want to place these bulls where they will do the most good. The success of those who buy these herd bulls will prove more than all my prize winning and show ring honors my ability as a breeder. Come and see them, you will say with others they are the greatest bunch of herd header material you ever saw on any farm.

CALL ON OR WRITE

H. C. Lookabaugh, Watonga, Okla.

Cattle! Shorthorn Cattle!!

150 Head { 100 cows and heifers bred or with calf at foot. 25 choice young heifers. 25 young bulls, 8 to 20 months old.

Rosewood Dale by Avondale and out of Rosewood 92nd, a sire of unusual merit heads this herd. A large per cent of these cows and heifers are bred to this son of the champion Avondale. When you visit the herd and see 30 of his last season's get, 17 sweet heifers and 13 young bulls, 8 to 10 months old, they will prove without a word his ability as a sire and you will appreciate more the cows and heifers bred to him. Here is

A RARE CHANCE FOR BREEDER AND FARMER

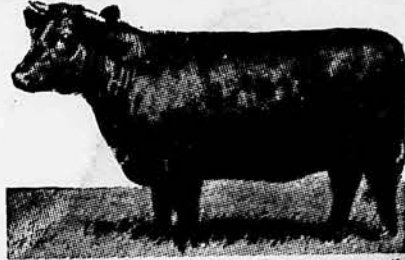
who can use a number of breeding Shorthorns to increase their number or lay the foundation for a beginning Shorthorn herd.

Special Prices will be made to those who buy a male and females to mate. The foundation females of this herd are mostly from my Wisconsin herd and are strong in milking strains. If you want Shorthorns we can do business. Address

LEVI ECKHARDT, 1203 East 10th St., Winfield, Kan.

Reduction Sale of Shorthorns

Come to Doyle Valley Stock Farm



175 Head of Shorthorns

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, Heifers and Bulls, cows with calf at side others due to calve soon. Included are grandsons and daughters of such sires as Avondale, Prince Oederic 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 Fe Depot.

Yours for business,
M. S. CONVERSE, Peabody, Kansas



HIGH GRADE and REGISTERED HOLSTEINS

OVER 100 HEAD OF COWS, HEIFERS AND BULLS.

The silo and dairy cow are here to stay. There is big money and sure profit in the dairy farm if you use the right kind of cows. The Holstein has proven her worth in the North and East and is sure to take the lead in the southwest. Visitors welcome; call or write today.

Clyde Girod, Towanda, Kansas

HOLSTEINS

Herd headed by Sir Julianna Grace's DeKol. Dam one year, semi-official, milk 22087 pounds; Dam one year, semi-official, butter 924 pounds. Sire's dam one year, semi-official, milk 22087 pounds and over 3,000 pounds butter in three years (world's record.) We will let this great bull to a few good cows this season at \$25.00. We have several young bulls for sale. Write for particulars to

SHULTHIS, ROBINSON & SHULTZ,
 (Owners), INDEPENDENCE, KANSAS

When the North Wind Doth Blow

WHEN there is a forewarning of snow in the air and the stock linger close to the sheltering windbreak of the barn, when the color of the sky foretells that Old Boreas is coming to claim his own and the very smell of winter is carried on the breeze, then you realize that the period of high-priced feed is at hand. But this season brings with it no anxiety, no fear and no uncertainty for the farmer whose summer crops are garnered with all their succulence and all their food values unimpaired in an

INDIANA SILO

He knows that he will have abundance of the kind of ration that builds flesh on the backs of his fattening steers and distends the udders of his cows with sweet milk, rich with butter-making fat. He knows that his swine will fatten at little cost and that his feeding cattle will come into the springtime in prime condition. He knows that the care of his animals will be a pleasure untroubled by the hard drudgery of old-time methods, that he will not have to go out into the icy fields and gather corn fodder when the thermometer registers zero and that he can laugh at blustering Winter. And he knows that the offal of his barns will return to his acres next spring those elements of fertility that will quicken into life and yield him even more prolific crops next season.

Nearly fifty thousand farmers in all parts of the United States have put the Indiana Silo to the test of service during the past thirteen years. The first Indiana Silos ever erected are still standing, still in excellent condition and still apparently good for indefinite years to come.

Perhaps it is because the evidences of prosperity and contentment are so invariably found on the farms that are built around the Indiana Silo that this silo is familiarly spoken of as "The Watch-tower of Prosperity."

WRITE today for our
Early Buyer's
Money-Saving Prop-
osition. Address nearest
office.

The Indiana Silo
Company
579 Union Bldg., Anderson, Ind.
579 Live Stock Exch. Bldg.,
Kansas City, Mo.
579 Indiana Bldg., Des Moines, Ia.
579 Live Stock Exch. Bldg.,
Fort Worth, Tex.