

KANSAS FARMER

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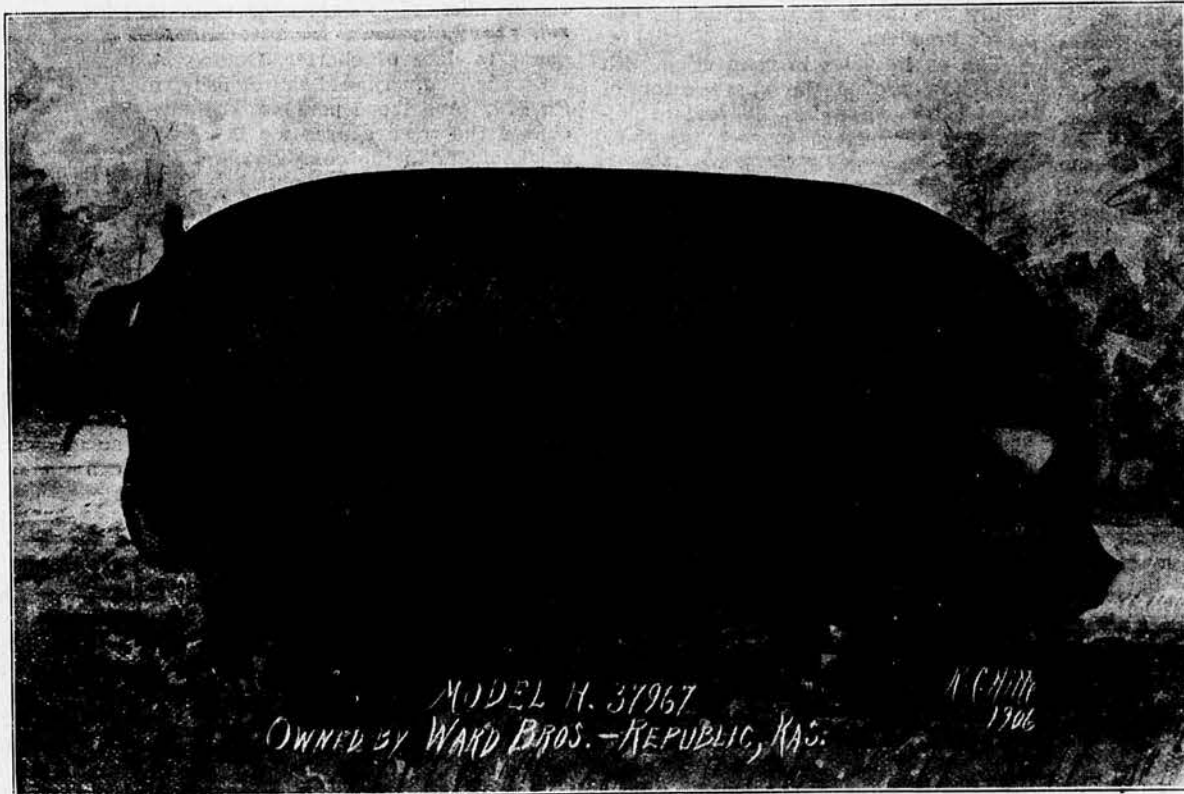
Established 1863. \$1 a Year

Work of the Extraordinary Session of the Kansas Legislature

In calling the Kansas Legislature to meet in extra session, Governor Hoch mentioned five measures which to him seemed to deserve the serious consideration of the lawmakers. These measures were (1) a law providing additional safety for bank deposits, (2) a primary election

sion. A law was finally enacted which it is believed by the friends of such measure will enable the voters of the several parties to have more influence than heretofore in naming the candidates.

The desired amendments of the tax laws had



Who will hold a public sale at Republic, Kans., February 10.

law, (3) amendment of the tax laws with special reference to preventing excessive taxation under the law of 1907, (4) strengthening the prohibitory law, (5) additional legislation regulating railroad rates.

The bill providing for the nomination of all candidates for office by primary election and regulating such election consumed much of the ses-

sion and were properly enacted.

The difficulties encountered in enforcing the prohibitory law against persistent efforts to nullify the statute suggested to the attorneys for the State Temperance Union certain aspects in which the law should be strengthened. Attorney General Jackson, whose efforts have done so much to

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KANSAS FARMER.

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make contempt for the law both unprofitable and unpopular, gave his official endorsement to the proposed amendments. They are now a part of the Kansas Statutes.

Bills affecting railroad charges were introduced, but because of the progress recently made in the adjustment of railroad charges through the Board of Railroad Commissioners, it was deemed better to enact no further laws on this subject at this time.

The great fight of the session came on the proposition to enact what is known as a "guaranty deposit measure," whereby the State should collect a fund from the State banks and from such National banks doing business in Kansas as might desire to come under its provisions, said fund to be held in readiness, in case of failure of any bank coming under the law, to pay its depositors. The measure was strenuously and skillfully opposed by most of the National banks and by many of the stronger of the State banks. It was passed by the House, however, by a very large majority. Adroit manipulation of rules and the shrewd use of parliamentary tactics prevented a vote in the Senate. But both houses of the Legislature passed a bill authorizing the organization of a million dollar insurance company whose business it should be to insure deposits in banks in this State. The Governor has vetoed this bill.

It was expected that final adjournment of the session would have taken place on Saturday, February 1. But when the Governor's intentions become known, adjournment was put over until Tuesday, February 4.

The present large circulation of THE KANSAS FARMER makes it necessary to close the editorial forms on Monday evening, so that it is not possible to give further details of proceedings in this matter. It is understood, however, that an attempt is to be made to pass the bank insurance measure over the Governor's veto. To become a law a vetoed bill must first receive the affirmative votes of two-thirds of all members elected to the House, and, thereafter, must receive the affirmative votes of two-thirds of all members elected to the Senate. The Constitution also requires that the votes shall be taken by yeas and nays.

The record in such cases is liable to bring further trouble to some of those who make it.

GREAT STOCK SHOW AT DENVER.

The Western National Live-Stock Show at Denver, Colo., January 20-25, was the third annual event in a series that has grown in popularity and in size until it has attained a place among the National shows. Moreover, a move is now on foot for the erection of a stock show stadium at Denver that will cost from \$300,000 to \$400,000. To secure this building it is necessary only to put up a \$50,000 cash guaranty that a stock show will be held in Denver every year for the next ten years.

There were fine exhibits of cattle, horses, sheep, and swine. The most cosmopolitan of the displays was that of the cattle. This department was represented by the herds of some of the best breeders and exhibitors who are familiar characters at the American Royal and International shows. C. A. Saunders, A. C. Binnie, W. J. Miller, Otto V. Battles, all of Iowa; T. J. Wornall & Son, W. A. Forsythe, Davis Bros., and W. B. Cox of Missouri; F. W. Harding and Cargill & McMillan of Wisconsin; T. K. Tomson, L. P. Larson, E. R. Morgan, Parish & Miller, S. M. Croft & Son, G. E. Glack, and W. G. McCandless of Kansas; S. M. Martin and C. S. Hechter of Illinois; Carpenter & Ross of Ohio; A. C. Shallenberger, Thomas Mortimer, G. W. Lindsey, Thomas Andrews, W. N. Rogers, Mousel Bros., E. N. Allen, Harrison & Harrison, and J. W. McClung & Son of Nebraska. Besides these from out of the State there were many fine herds represented by Colorado breeders.

The public sales in connection with the show proved the appreciation of good cattle. Breeders do well to cultivate the Western market for their products.

DAMAGE BY FIRE SET BY LOCOMOTIVES.

EDITOR KANSAS FARMER:—Four years ago I purchased a farm along the railroad. The railroad track runs parallel to the section line and the right of way is taken exclusively from my land.

The first year of my occupancy the section gang came in and burned a strip two hundred feet inside of my pasture, as soon as the grass would burn. When I inquired of the foreman he said they sometimes paid a little for the privilege, but that nearly all just took the old ties. I soon found I got no ties unless I did nothing but watch the railroad. I got a few old rotten chunks and some experience.

People for five miles around had their eyes on those old ties and would tear my fence down and go in after them. I soon persuaded them that trespassing on my place would not work; then they tore down the railroad fence into the public road and it has never been repaired. People go in and out at pleasure. I never made an effort to get any ties after the first year and told the section foreman not to burn a guard in my pasture as it was killing the grass. I said I'd rather take a little responsibility than have that ten acres of pasture killed as it is only fit for pasture and once killed out is not of much value to me.

A freight train yesterday fired it in five places, all but one outside of the width which they burned for a guard. By refusing them a guard am I barred from claiming damage? I do not consider it good practise to burn prairie each year. It is especially injurious to burn in the fall and winter.

The claim adjuster tells me that fifty cents an acre is all I can obtain for any prairie-grass even if intended for hay. Last August my neighbor was haying and the grass was burned; some was cut and some was not. The adjuster allowed him but fifty cents an acre and said that was the limit allowed by courts. Is there such a precedent and is there a limit? The hay would have netted him at least three dollars per acre.

Butler County.
 It is probable that our correspondent's waiver, in telling the section foreman he would rather take a little risk than to have a fireguard burned, precludes the collection of damages

that may have resulted from the lack of such fireguards. It is not necessary to make any such waiver in preventing trespass.

Correspondent may withdraw his waiver. To do this he may write a letter to the station agent at his town reciting the facts and stating that any waiver heretofore made is withdrawn and that the railroad company will be held accountable for all damages that shall hereafter result from fires originating from passing engines or trains or in any other way for which the said railroad company may be responsible. He should make an exact copy of this letter and have the letter and copy compared by a neighbor. Then have this neighbor go along with correspondent to the station and witness the delivery of the letter to the agent. The neighbor should certify on the back of the copy that it is a copy of a letter delivered in his presence to the said station agent on such a date, and should sign his name to this certificate.

There is no settled amount per acre that may be recovered as damages. The actual damage suffered and that may be proven is the measure of the railroad company's responsibility.

SOLD TELEPHONE STOCK BELOW PAR.

EDITOR KANSAS FARMER:—We operate a chartered telephone company at this place, par value of shares of stock by said charter must be \$20. Prior to the date of the charter, October 4, 1906, the members of this company voted to sell shares in town for \$10. Subsequent to date of charter, October 4, 1906, the company sold shares in town for \$10. Are those persons who purchased the town shares for \$10 legal stockholders in the company, and are they entitled to receive certificates of shares of stock the same as a stockholder who buys a country share for \$20? Or, in other words, may this company legally sell shares below par?

X.
 The General Statutes of Kansas, Chap. 23, Sec. 41, provide that the directors of a corporation may dispose of the residue of the capital stock at any time remaining unsubscribed, in such manner as the by-laws may prescribe. From this provision it seems clear that if the by-laws of the corporation mentioned by this correspondent authorize the selling of any stock, not already subscribed, at half of the par value they may do so.

The statutory limitations of the voting power of stockholders do not extend to consideration of the question of amount paid for stock. If the directors in accordance with the by-laws issued fully paid stock at half price the holders of such stock would have right to certificates of stock and have the same voting power as if they had paid par or even two prices. It is important, however, that the sales at the low prices shall have been fully covered in the by-laws.

THE HUSBAND'S INHERITANCE.

EDITOR KANSAS FARMER:—My wife died in 1902 and left no children. Her mother died in 1904 and left two children, and also 800 acres of land in Kansas. Now, as to the law of Kansas, do I come in as one of the heirs?

Omaha, Neb.
 Under the Kansas laws of "Descents and Distributions," Gen. Stat., Chap. 33, Sec. 28, all legal provisions applying to the widow of a deceased husband apply also to the widower of a deceased wife.

Under section 8, "One half in value of all the real estate in which the husband, at any time during the marriage, had a legal or equitable interest, which has not been sold on execution or other judicial sale, and not necessary for the payment of debts, and of which the wife has made no conveyance, shall, under the direction of the probate court, be set apart by the executor as her property, in fee simple, upon the death of her husband, if she survives him: Provided, That the wife shall not be entitled to any interest,

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under the provisions of this section, in any land to which the husband has made a conveyance, when the wife, at the time of the conveyance, is not or never has been a resident of this State."

Under section 28, above mentioned, if the terms "husband" and "wife" exchange places in section 8 just quoted, the law becomes applicable to the case of this inquirer.

The question remaining is whether the wife had a legal or equitable interest in the Kansas land during any part of the time she was married to this correspondent. If she had such interest and died without a will and without issue, this correspondent inherits all of such interest.

But under correspondent's statement, his wife's interest in her mother's estate was merely prospective and "contingent," and in no sense a "legal or equitable" interest. Had the wife's mother's death preceded that of the wife, in the absence of a will by the wife's mother, the case would have been far different. The wife would have inherited a legal interest in her mother's estate, which would, as above shown, have passed to her husband.

MUST LIVE ON CLAIM.

EDITOR KANSAS FARMER:—I am an old reader and subscriber to the "Old Reliable" and bank on its advice, so I will give the facts of my case just as they are and rely on your advice. I am a farmer and schoolteacher by practise. Last July I made a contract to teach a term of school beginning in September. I then concluded to try and get a piece of land, so I took a trip which resulted in my filing on a homestead. I have been teaching all winter, and up to date have made no improvements whatever. Now I wish to become an actual settler in time to secure my claim. My family wish to make a visit after school closes and before going West. I have several head of stock which I wish to take to my claim but feed is scarce, and high priced there while I have an abundance here and can get them fed through to grass reasonably. I will have to ship when I take them, as some can not be driven so far. If I can do so legally, I wish to go out alone, get my lumber hauled, well drilled, buildings raised, etc., and come back after my teams, etc. If this is not legal, I wish to drive overland with, say a four-horse team, and prepare for my family, but I do not wish to take my family unless I can not otherwise establish a residence.

I am due on the claim in the spring and will quit my school in time to get there, barring hindrances over which I have no control.
 D. E. B.
 Chautauqua County.

This correspondent must establish his residence on his claim within six months from the date of entry. To do this it will be safer to have his wife with him, in some sort of domicile on the claim. The stock may be left where feed is abundant until a later date. The children may go on a visit and join their parents at convenience, but it is important that the man and his wife have their actual residence on the claim before the expiration of the six months. The wife may afterwards go on a visit, or the husband may go away on business after establishing the home, but the home must be maintained by occupancy until after final proof.

THE \$200 EXEMPTION FROM TAXATION.

EDITOR KANSAS FARMER:—Is a widow entitled to exemption, after her children are all married, who owns only a house and lot and household furniture? In other words, would she have to pay tax on her household furniture or would she be entitled to exemption from that?

W. T. FAIRCHILD.
 Wilson County.
 The Kansas constitution provides in article 2, section 1, that "personal property to the amount of at least two hundred dollars for each family, shall be exempt from taxation."
 The new law governing assessment and taxation, Laws of 1907, chapter

408, section 2, excepts from taxation "Personal property to the amount of two hundred dollars for each family."

The question turns on the meaning of the word family. The most liberal definition of the word is, "A collection of persons forming a domestic household." No definition admits of such construction as to bring one person living alone within its meaning. If the widow is keeping house with one or more of her children or other person or persons, even though such other person or persons pay board, the law may be construed to entitle her to the exemption.

The following is in answer to an inquiry: A deed that is given for a valid consideration, and not recorded, is good as between the parties to the transaction. It transfers the property. Such transfer must be recognized by all others who are informed of the execution of the deed. Recording the deed gives legal notice to everybody, including persons who may be ignorant of the transaction.

The fourteenth annual convention of the Oklahoma Live Stock Association will be held at Enid on Tuesday and Wednesday, February 25 and 26, 1908. The fine stock show and sale will commence February 24 and continue to and include February 29. The program is ample assurance of an interesting and profitable session of the convention.

Those interested in the Shawnee County Boys' Corn-Growing Contest for 1908 will meet with the managing committee at the rooms of the Topeka Commercial Club at 2 p. m., February 8. That untiring worker, Hon. Bradford Miller, chairman, will be there.

W. B. Eames, of Delphos, Kans., is the regular representative of THE KANSAS FARMER and subscriptions may be handed to him. He will also be pleased to furnish clubbing lists and other information. Call on him and he will save you money.

Miscellany

Farming with a Gasoline Tractor.

W. H. WILLIAMS.

Why shouldn't the gasoline motor be applied to farm work and displace horses there, as it is doing in our large cities for heavy trucking? Prosperous farmers are now buying automobiles to take the place of carriage horses. Why shouldn't they use a powerful gasoline tractor to take the place of work horses?

Modern farm machinery is a development of the last seventy-five years, and the purpose is the development of every piece of modern farm machinery has been to substitute the labor of horses for men's labor, to lighten man's burden and to enable farm work to be done more expeditiously and economically. The result of this modern labor-saving machinery has been the most wonderful agricultural development in the history of the world. In two generations civilization has spread over a great share of the American continent and what was, only a few years ago a howling wilderness, is now the richest agricultural country in the entire world.

In all other lines of industry, horses and men are being displaced by labor-saving machinery. The horse has almost been driven out of every branch of mechanical industry by steam, electrical, or gas power. Why shouldn't the horse be displaced as a farm power if we can find something more suitable?

Within the past ten years, small engines have been largely introduced on our American farms. They have taken the place of man's labor, and in many cases are used for corn-shelling and feed-grinding where formerly horses were used; but except in the form of small stationary and portable engines, the gas engine has found little place among the farmers. But within the last three or four years,

the question has been more and more earnestly discussed. "Why should not gas engines find a larger use on the farm as a substitute for horse power?" The question was first brought to the front by the use of steam traction engines for plowing. These indicated some of the possibilities of a more extensive and economical form of farming by traction engines. But the shortcomings of the steam traction engine only served to accentuate the desirability of a suitable gasoline tractor. A suitable gasoline tractor is the ideal farm power because it has no fuel and water problem to contend with. It is also lighter and more convenient than a steam traction engine. The need for such a tractor is more keenly felt west of the Mississippi



MAKING GOOD ROADS

The Hart-Parr Engine in the act of making good roads.

River where farming operations are conducted upon such a large scale. Within the past ten years vast areas of vacant land have been broken up and converted into smiling fields. Vast areas are still to be broken, and for this work every one is looking longingly for something more expeditious, more economical than horse power. The gasoline tractor supplies this need; and already one firm has developed a powerful gasoline tractor, which easily does the work of eighteen or twenty horses, uses gasoline or kerosene for fuel, is oil-cooled and frost proof, and these engines are rapidly becoming popular.

Just consider the advantages for the large farmer of such a tractor. It will break from fifteen to twenty-five acres per day and do from twenty-five to thirty-five acres of stubble plowing. That is turning ground pretty lively. In the dry-farming sections of the United States, this is a matter of prime importance. It has been found that a much larger crop can be raised if the ground is plowed when moist, but after every rainstorm, the

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Now I want to send you my new 1908 cream separator catalog, telling all about the Galloway. With it I will also send you my special proposition which will help the first buyer of a Galloway in any section to pay for a machine without any work or trouble.

Don't buy another make of separator under any conditions until you have first investigated my offer. I can save you from \$35 to \$65 on a strictly high-grade separator—the kind you want in your dairy. This is money you might just as well have to put back in your farming.

GET MY NEW 1908 FREE CATALOG

I will gladly send my catalog to any farmer interested in dairying. It is a beauty and gives a lot of interesting facts about dairying besides telling all about my separators. Now just drop me a postal and let me send it to you by return mail. I want you to know about the Galloway double wing skimming device, the closest skimming, and easiest cleaned bowl in any separator; its low supply can and protected working parts, its simplicity of gearing and beauty of design; its ease of operation and sanitary construction; its high-grade materials—best that money can buy, etc. In fact, there is not a thing about the Galloway that is not fully shown in my booklet. It is impossible to tell you all about my separator here so do me the personal favor to send for my catalog and special proposition and let me save you over 50 per cent on a cream separator. Write me today.

WM. GALLOWAY, Pres., THE WILLIAM GALLOWAY COMPANY
383 Jefferson Street, Waterloo, Iowa

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seed. Now it frequently happens in this region that there are two or three week of splendid seeding weather early in the spring, followed by stormy weather, which may prevent seeding for two or three weeks. The farmer who gets his wheat seeded first has a surer crop and a larger yield.

These gasoline tractors have also frequently been used for corn-planting, especially where listers are used. Four or five two-row listers being placed behind the engine, do the work so expeditiously and make the rows so straight that it is in every way superior to the work done by horses. They have also been used for harvesting, in some places operating what is called a "combination machine," which is a header and a thrashing machine combined; and also for operating two 12-foot "header-binders," as they are called, harvesting from sixty to seventy-five acres per day.

In fact, the purposes for which these tractors have already been used only partially indicate the great field of use for them. Their owners are every day learning additional uses for them. Their shell their corn, grind their feed, shred their fodder, haul all of their crops to market, do road-grading and railroad building, and, in fact, use them everywhere, where horses can be used.

And just think how such a tractor frees the larger farmer from the labor problem. With one or two hired men and three or four horses he can easily take care of a section or two of land; while under present methods four or five hired men and fifteen or twenty horses would be required. And all these men and horses have to be fed every day whether they are working or not. Besides, at least three hours are wasted daily in caring for, harnessing, hitching, and unhitching, and watering horses, time that would all be saved if a gasoline tractor is used. The ownership of such a tractor means independence. It means more expeditious, more economical, more extensive farming.

Thus far only one size of these gasoline or kerosene traction engines has been developed—the size for which there seems to be the greatest demand. But already there is a growing demand from smaller farmers for a gasoline tractor suited for a farm of moderate size, and no doubt in the near future such a tractor will be developed, a machine that will be suited for a farm of one hundred and sixty acres, one that will pull two or three plows. Such a machine will enable the small farmer to plow, disk, and seed his ground, plant his corn, cultivate it, harvest his grain, do his thrashing, shelling, or shredding, haul his crops to the market at the rate of three miles per hour and come back with his empty wagons at six or seven miles per hour. While their use is not very extended as yet, they are rapidly growing in favor wherever introduced.

Field Notes

LIVE STOCK REPRESENTATIVES.

J. W. Johnson.....Kansas and Nebraska
L. K. Lewis.....Kansas and Oklahoma
Geo. E. Cole.....Missouri and Iowa

Coming Events.

February 11 and 12.—Standard Poland-China Record Association, Institute and Annual Meeting, St. Joseph, Mo.

The twenty breeders who contribute to the big three days' Hereford sale to be held at Kansas City, February 25, 26, and 27, have assured us that they are making every possible effort to make this offering the best one ever sold at a spring sale at Kansas City. The list of contributors is shown in the advertisement which appears in this issue. These herds have furnished a big per cent of the leading prize-winning Herefords of the past two years. Not all of the herds have been represented in the show ring, it is true, but they have the blood, close up, of the more prominent winners. It is probably safe to say that no better bred offering will be made this year, anywhere, than will go in this sale. Almost 200 head of cattle are to be sold. Probably the majority will be bulls. It will be a bonanza for the bull buyers. There are herd leaders in the lot, good enough for any herd, besides a big lot of farm and ranch bulls, and all are in prime condition. The consignors have culled closely for this offering, as they wish to make this sale an advertisement of their individual herds. There will be plenty of variety, too, in the female portions—cows safe in calf, open heifers, and cows with calves at foot. There will be cattle for everybody, and the highest bidders buy them. The sale is conducted by C. A. Stannard, manager, Emporia, Kans., and inquiries for catalogues should be addressed to him, or to C. R. Thomas, 221 West 12th St., Kansas City, Mo.

Attention is called to the advertisement of Herman Reel, of Milwaukee, Wis., dealer in wools and furs. He will also make a special price on fur coats and raw furs.

Stevenson Bros., Elk City, Kans., announce that they will hold a public sale of Duroc-Jerseys on February 24. Watch for further particulars in THE KANSAS FARMER.

E. S. Engle, Abilene, Kans., announces one of the most important farm sales of the year to be held at the farm four miles south and one mile west of Abilene, Kans., on Tuesday, February 5, at which time he will sell twelve head of pure-bred Angus cattle and nineteen head of draft-bred horses. All of which have been handled and otherwise are as described in this issue. Buyers from a distance will be entertained free, or bids may be sent to the auctioneer, Col. J. M. Burton, care of Mr. E. S. Engle, Abilene, Kans.

Don't forget the big three days sale to be held on February 12, 13, and 14 at Caldwell, Kans. This is the fifth annual sale by the Improved Stock Breeders Association of the Wheat Belt, of which Chas. M. Johnston is secretary. On Wednesday, February 12, there will be sold fifty-five Duroc-Jersey hogs, most of which are bred sows. On Thursday there will be forty Poland-Chinas, ten Chester Whites, and one Berkshire, while on the last day forty-two Shorthorn and twelve Hereford cattle with two Percheron stallions will be sold. All of these animals will be consigned by well known breeders of the Wheat Belt Association. Col. Jas. W. Sparks and John D. Snyder will officiate as auctioneers. Terms of the sale will be cash or its equivalent, though other terms may be made prior to the sale. Catalogues are ready.

Any farmer in need of barb-wire should by all means write to the Klefs Manufacturing Company, Block 59, Kansas City, Mo., whose advertisement appears in this issue, for their circulars fully describing the "Ranger" Revolving barb-wire. Strongest, most effective, and humane barb-wire made. The barb revolves around the large wire; can not bunch together, and only scratches an animal that comes in contact with it, while the rigid barb sucks in under the skin and tears out, doing great damage to the animal. The many points of merit in "Ranger" barb-wire are too numerous to mention all here. The company's advertising explains clearly the "Ranger's" many superior advantages that can be readily seen and appreciated by all who have ever used barb-wire. Write and tell them the number of rods of barb-wire fence you wish to build, and they will send you sample and name you a special, introductory price on the amount required, freight paid to your railroad station.

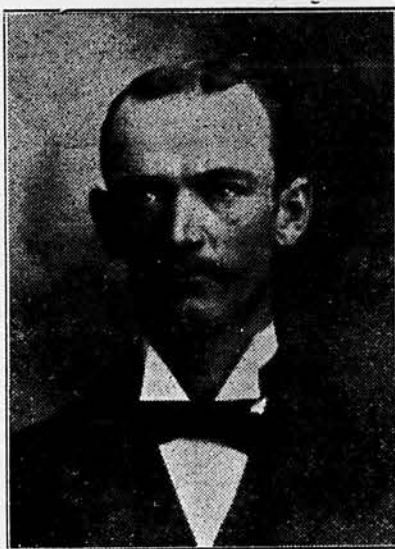
T. P. Teagarden, the well known Duroc-Jersey breeder at Wayne, Kans., will sell a draft of bred sows at his farm adjoining Wayne February 19, which is the day before Mr. Whitney's sale. Mr. E. M. Myers, of Burr Oak, will sell a draft of bred sows the day following the Whitney sale, which is February 21. You can start at Wayne and attend the Teagarden sale and go on the Rock Island from Cuba that evening to Agra and attend the Whitney sale the 20th, and go the following morning or that night to Otego, where hacks will convey you to the Myers' sale in Burr Oak. All three are representative herds, and over one hundred head of choice bred sows will be sold. Free hotel accommodations and the very best of treatment is assured everyone who attends these sales. All three have been good buyers the past season at leading sales. J. W. Johnson, representing THE KANSAS

FARMER, will attend all three sales, and bids sent to him in care of the breeder for whom they are intended will be treated fairly. Drop all three of them a postal card for their catalogues today.

In this issue will be found the advertisement of W. C. Whitney, who will hold a public sale of Duroc-Jersey bred sows at his farm at Agra, Kans., and which joins that thriving town out on the main line of the Rock Island in Phillips County. Chris Whitney, as he is familiarly known to his many friends, has been in the Duroc-Jersey business for several years, but this is his first public sale. The facts are that he has had a ready demand at home for about all he could raise. But Chris has been going about some among the other herds in the State and has purchased several high-priced ones from other States, and came to the conclusion that the way to get on the map in the hog business was to get the breeders out to Agra to see what he had accomplished. To do this and not put up an offering that was worthy and desirable from the standpoint of the breeder would not have accomplished much in the way of advertising his great herd, and so in this sale are individuals that Mr. Whitney is sure will not bring what they are really worth to him. But as he himself expressed it, "there are others as good" and while he has had to pay long prices for that kind, he is nevertheless satisfied that anything he may lose on such individuals in this sale will be more than offset by the satisfaction of knowing that his offering was appreciated, and that he has been able to demonstrate what he has accomplished in the business.

Recently Mr. Whitney purchased Paul Jumbo, one of Ward Bros. great herd boars. The price paid was just \$250, and if ever there was a herd boar sold in the State that was worth the price paid for him, it was Paul Jumbo. Ward Bros. were loaded with herd boars and had many sows and gilts by Paul Jumbo that they wanted to keep and for that reason decided to part with him. Much of the stuff in this offering will be bred to him. For further particulars as to what the offering consists of look up Mr. Whitney's fine display advertisement on another page. Drop him a card for his catalogue, which is now ready.

E. M. Myers, of Burr Oak, Kans., the Duroc-Jersey breeder of that place who sells bred sows at that place and completes the circuit in which T. P. Teagarden, of Wayne, Kans., and W. C. Whitney, of Agra, Kans., sells, commencing with Mr. Teagarden's offering at Wayne the 19th, is a young man who is rapidly forging to the front as a breeder of up-to-date Durocs. His herd at Burr Oak contains the blood of most of the leading families of that popular breed and as a buyer of good individuals he has already attracted some very favorable comment this past season as he has bought at several of the best sales of the season. His farm is an ideal one for the business and while Mr. Myers is of a quiet and unassuming turn he is nevertheless well posted on the breeding business and is highly spoken of at home as one of Jewell County's most prosperous young farmers. His offering on the above date is well bred and good individually and will be in the best possible breeding condition. The offering only numbers thirty-five head but it is a select one all the way through. Almost the entire offering is safe to the service of a splendid grandson of Ohio Chief and a great son of Nebraska Wonder, Chester Thomas' great herd boar. For further information about the breeding look up his advertisement in another place. J. W. Johnson, of this paper, will be in attendance at this sale. From W. C. Whitney's, who sells at Agra the day before, the best of connections can be made for Burr Oak either the same night or the morning of Mr. Myers' sale. Be sure that you attend these three good sales and you had better write for all three catalogues today.



CHARLES DORR.

The above likeness is a picture of the well-known Duroc breeder, Charles Dorr, owner of the Gold Standard Herd of Duroc-Jersey swine of Osage City, Kans. Mr. Dorr showed the largest Duroc boar of the breed at the Hutchinson Fair, that weighed over half a ton, Ohio Chief Jr. He has with careful breeding and mating to-day as good a herd as there is in the State. He owns a boar out of that great prize-winner, Kant Be Beat, that is as good a bred boar as there is in Kansas. His dam is out of a son of Tip Top Notcher, half sister to the dam of Lincoln Top, the champion boar of Nebraska State Fair, just past. His granddam is Village Pride, that sold for \$400. She is out of Improver 2d. Another boar is Dorr's Model, a grandson of Hunt's



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Have you seen and examined the New and Improved 1908 DE LAVAL Cream Separators? If not, and you own one or more cows don't further hinder your best interests by delaying longer but let us give you a free demonstration in your own home at once. You will marvel at the mechanical perfection, the wonderful simplicity and convenience of these new machines. These new machines show improvements in every feature, from the supply can to the base of the machine, and mark the greatest move forward in separator construction since the invention of the first practical separator by Dr. De Laval in 1878. If you have milk cows you can not afford to be without one. The new De Laval skims closer, has greater capacity, operates easier and is more ideal in every way than De Laval machines have been even in the past. The Improved De Laval is actually ten years in advance of any other separator made today. There are ten new styles, ten new capacities and ten new prices. There is a machine for every dairy, from the smallest to the largest and at a price that will fit every pocket. Don't regret later that you didn't see the De Laval before you bought a machine but write us to-day for our handsome new catalogue describing the machines in detail and a free demonstration in your own home. You will be surprised. Don't delay.

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Model, which Mr. Dorr is going to exhibit at some of the leading fairs this fall. Another boar is out of Kansas Oom Paul, out of the second ribbon boar at the American Royal just past. So you see in Mr. Dorr's herd something worth being interested in. He has forty gilts for sale cheap, mostly bred to this grand boar, Kant Be Beat Jr. Also a few nice young boars very cheap for the next thirty days. Mr. Dorr has the price down so low that anybody can own a full-blooded herd of Durocs. In the last fourteen years he has shipped to one-half of the United States and his customers in the East are his best ones now. He ships from Osage City or Peterton. If any one intends to visit the herd, get off at Peterton right near his farm, or drop him a few lines and get treated right by mail order. Tell him you saw his advertisement in THE KANSAS FARMER.

Monday, February 17, is the date of C. M. Garver's dispersion sale of Shorthorn cattle and Poland-Chinas at Abilene, Kans. Both the Shorthorn and the Poland-China herds to be dispersed on the 17th are well known as among the best in the country. The sale will be held in the sale pavilion at the fair grounds in Abilene, and those who desire to attend will find, by looking it up, that the opportunity to get there either the evening before or the morning of the sale is good. The Solomon branch of the Union Pacific that leaves Beloit in the morning at 9 o'clock connects at Solomon with train No. 4 which is due at Abilene at noon. The Lincoln branch also connects with this train at Salina and the Bellville branch connects with train No. 3 at Junction City, which arrives in Abilene in time for the sale. Arrangements have been made to take the best of care of visiting breeders at the Central Hotel and those who attend should register there. The offering is one that you can not afford to pass up. All of the best animals in both the Shorthorn herd and the Poland-China herd are included in the offering, and it is a closing-out sale of everything that is desirable, and breeders will at once recognize what that means. Catalogues are ready to mail and they give complete information about the offering. Ask Mr. Garver for one and you will receive it promptly by return mail. For further information about the breeding and other information look up his nice display advertisement in another place in this issue.

It is with no small degree of pleasure that the writer calls the attention of Poland-China breeders everywhere to the C. H. Pilcher sale of "Blue Ribbon" Poland-China bred sows at his farm near Glasco, Kans., Friday, February 14. We have visited this herd on two different occasions during the past three months and can speak from actual knowledge of the high standard of the offering on the above date. Forty-five head will be sold and twenty-five of this number are big, smooth, well-grown spring gilts mostly the get of Glasco Chief, the great herd boar at the head of this herd that has sired most of the splendid show herd not only of last season that won everything in sight at Concordia but also the show herd of two years ago that won so many firsts and seconds at the big hog show at Glasco. Fifteen are tried sows and many of them are the dams of the show herds mentioned. Five topsey spring boars by old Glasco Chief will

be sold. The sale will be held under cover and every one will be made comfortable. Other sires that will be represented in the sale with choice sows that will be sold are Midnight Jewell, Grand Perfection, Ontier, Winning Grantier, and others of equal note. The sale will be held the day before the Logan & Gregory sale at Beloit, Kans., and those who desire to attend both sales can get from Glasco to Beloit the evening of the Pilcher sale in good time. Both offerings are excellent and the men back of them are well known as buyers of the best or none at all. Catalogues are ready and a postal card brings one by return mail. Arrange to attend both sales.

One of the very best known breeders of Duroc-Jerseys in Northern Kansas is T. P. Teagarden, Wayne, Kans. His herd is known as "Pleasant View Farm Herd of Duroc-Jerseys," and it is the home of some of the best specimens of that noble breed. Pleasant View Farm is located about one mile from Wayne which is a nice little town of probably five hundred on the Wymore and Concordia branch of the Burlington. It can be conveniently reached from several directions. Those who desire to come on the Rock Island will find carriages waiting for them at Agenda and on the Union Pacific the same accommodations at Talmo. By coming to Concordia the morning of the sale from either east or west on the Central branch of the Missouri Pacific you can reach Wayne easily leaving Concordia about ten o'clock. Returning you can leave Wayne in the evening for Concordia, where the best of connection can be made for either direction. The day following Mr. Teagarden's sale W. C. Whitney will sell at Agra, which is on the Rock Island, and the day following his sale E. M. Myers of Burr Oak will sell at that place. So you see this is a circuit of three sales commencing with Mr. Teagarden's sale at Wayne February 19. You can not possibly miss it by taking them all three in. We have visited Mr. Teagarden's herd recently and can assure you that it is one of the real good offerings of the season. The offering numbers thirty-nine head in all and thirty-two of them are big, smooth spring gilts all safe in service to one or the other of the good young boars which Mr. Teagarden is to be depended upon to have at all times. In another place in this issue will be found his display advertisement which gives full particulars about breeding, etc. J. W. Johnson, of THE KANSAS FARMER will attend this sale and will handle any bids entrusted to his care in a careful manner. Catalogues are now ready and you can have one by return mail by dropping him a card at Wayne.

February 15, which is one week from next Saturday, is the date of Logan & Gregory's great Poland-China sale at Beloit, Kans. Forty head will be sold and twenty are tried sows and twenty are fall gilts. This is this firm's first bred-sow sale and they are putting up an offering that there is no doubt about its being well received by the breeders who are fortunate enough to be there sale day. They are safe to the service of Kansas Medium, the sweepstakes boar at the Mitchell County Fair this last season; Dude, who headed the young herd that won at the American Royal in 1906. One of the splendid sows in this offering was sired by Mischievous Maker and her dam was Sarah H. Another is out of L's Chief, who is a

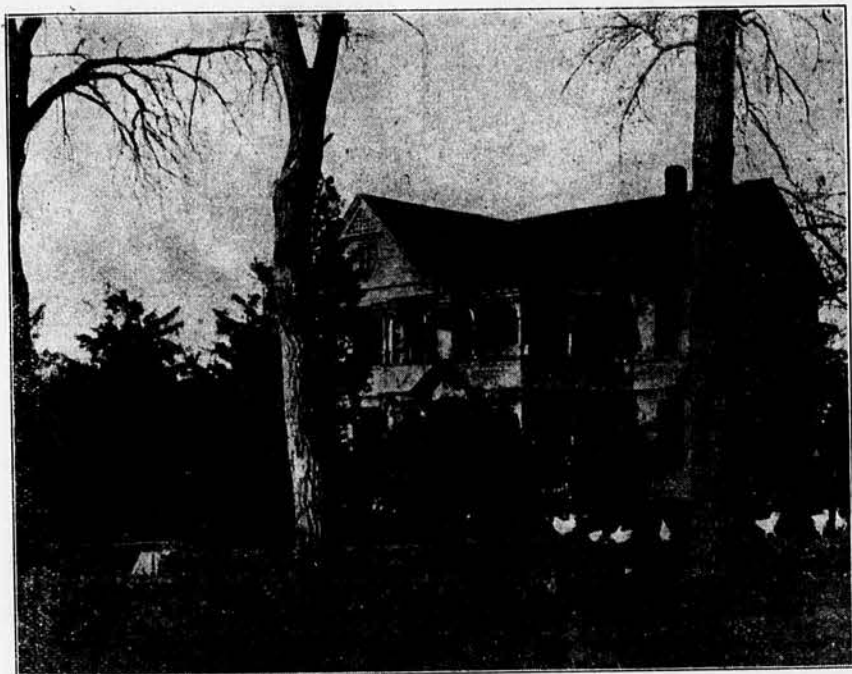
full brother to Grand Chief. This splendid sow is safe to the service of a litter brother of Statesman. One gilt in the sale was sired by Perfect Challenger and she is a dandy; her dam was Mischief Sarah, she by Mischief Maker. She will be sold open. One by Glasco Chief and out of Highland Maud. By looking up their advertisement in another place you will see that it is an offering of attractions all the way through. One of the most fashionably bred sows in Central Kansas is Mischief Sarah, sired by Mischief Maker, and who goes into this sale, and also one of her gilts. Catalogues are now ready and will be mailed promptly upon application. For further information get their catalogue and look up the rich breeding to be found here and take our word for it that the individual merit will be all that you will desire. Remember that this sale is the day following the C. H. Pilcher sale at Glasco, Kans., and that those who attend the Pilcher sale can reach Beloit that evening in good shape. The sale will be held in Beloit under cover and breeders from a distance should register at the Commercial Hotel as guests of Logan & Gregory. Col. Jas. T. McCulloch will conduct both sales. J. W. Johnson, of THE KANSAS FARMER, will attend both sales and bids sent to him at Beloit, Kans., will be honorably dealt with.

Pagett Sales.

Two sales that should attract the attention of all lovers of the Durocs are those of Pearl H. Pagett and L. D. Pagett & Segrist, at Beloit, Kans., February 10 and 11, respectively. Both sales will be held in town and under cover. Everything is being arranged for that will add to the comfort of the visiting breeders on these two days. Good hotel accommodations have been arranged for and as the breeders will not have to leave town during the two days they can be made very comfortable and a splendid opportunity to get better acquainted will thus be afforded. Beloit is the biggest town in the sixth district and is a town of almost 5,000, and the industrial school for girls, a State institution, is located there.

The two great herds of Duroc-Jerseys, from which two of the toppest drafts of bred sows that will be sold in the State this season are to be drawn, are located about four miles from town. The L. D. Pagett & Segrist herd is located on the farm that L. D.

the breeding is as good as the best. Among the sires of the offering will be found such noted sires as old Kant Be Beat, Crimson Model, Dandy Orion, Hunt's Model, Ohio Chief, Fancy Chief, etc. Among the attractions in the sale will be found a tried sow which is a spring yearling sired by Ohio Chief, one gilt sired by old Kant Be Beat and out of an Ohio Chief sow, also three gilts by Kant Be Beat and out of a granddaughter of Crimson Wonder; also a sow that was a good winner at the State Fair in 1906. The forty gilts are the actual pick of a big crop of early spring pigs and are one of the finest offerings individually that will be driven through a sale ring in Kansas this winter. Everything is safe to the service of Pearl's Golden Rule, the sensational boar sired by old Golden Rule and bought by Mr. Pagett in the Grant Chapin sale, October 30 last at a good long price. He is called by prominent breeders, both East and West, one of the greatest breeding boars this far west. The balance of the offering will be bred to Chief Perfection by Van's Perfection and Big Chief's Son, the sire of the high-priced stuff in the Chester Thomas sale at Waterville last fall. He is a grandson of Ohio Chief and a



Edgevale, the farm home of L. D. Pagett, near Beloit, Kans., where he located thirty years ago.

Pagett located on over thirty years ago and we are producing here a splendid kodak picture of the farm residence. Pearl H. Pagett owns a nice farm which adjoins that of his father and which is also highly improved and especially adapted for the hog business. Pearl H. Pagett, whose photo we produce here, is one of the best-known



Pearl H. Pagett, Beloit, Kans.

young farmers and stock-raisers in Mitchell County. Mr. Floyd Segrist, of the firm of L. D. Pagett & Segrist, is also well known in the county and has attained quite a reputation as a good hogman in addition to being one of the best farmers in the county.

THE PEARL H. PAGETT SALE, MONDAY, FEBRUARY 10.

The Pearl H. Pagett offering on the above date numbers fifty head and is made up of ten tried sows and forty spring gilts. They are very toppy and

splendid breeder. Old Chief Perfection is one of the very best sires ever owned in the West.

THE L. D. PAGETT & SEGRIST SALE, TUESDAY, FEBRUARY 11.

The L. D. Pagett & Segrist offering is not so large in point of numbers but is equally as well bred and the individual merit is up to the standard in every particular. Twenty-nine are big, smooth, well-grown-out spring gilts and eleven are tried sows that are picked from their best in order to make their offering one of sterling merit all the way through. The entire offering was sired by Kant Be Beat, Kansas Wonder, Red Raven, Field Marshal, and Chief Perfection Jr., one of the greatest yearling boars in the State, both as a producer and as an individual sired by old Chief Perfection. Among the special attractions will be found three exceptionally nice gilts by Kant Be Beat, three gilts by old Kansas Wonder, the 1,000-pound hog that is so popular farther east in this State where he is best known; two dandies by Red Raven, and two by Field Marshal.

The entire offering will be bred to Chief's Wonder, Chief Perfection Jr., and King K. Chief's Wonder was sired by old Ohio Chief and his dam was Wonder's Queen by old Crimson Wonder. Mr. L. D. Pagett made an extended trip last March looking for a herd boar and was not hunting a cheap one. He finally located this great yearling at Macedonia, Iowa, in the herd of H. J. Harding, who owned Ohio Chief at that time. Chief Perfection Jr. was sired by old Chief Perfection and is one of the greatest yearlings we have ever seen. King K. is by old Kant Be Beat and is of early May farrow and is very promising. He has been used on a few gilts.

The records will show that the two Pagetts have paid as much money for good breeding stock during the past two years as any breeders in Northern

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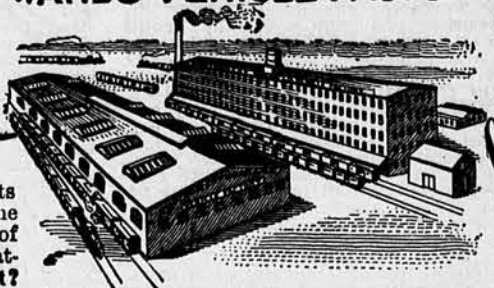
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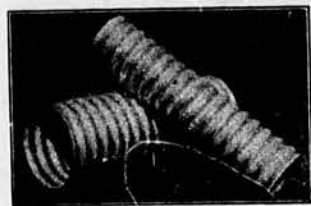
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Kansas at least. Already this season they have topped many of the best sales and have made some splendid purchases. Last winter both attended some of the best sales in Nebraska and Kansas and bought the best in every instance or nothing. Every Duroc-Jersey breeder who can possibly do so should attend these two sales February 10 and 11 at Beloit. Catalogues are ready and a postal will bring them. J. W. Johnson, of THE KANSAS FARMER, will attend both sales and will handle any bids sent to him at Beloit, Kans., in a careful and painstaking manner.

Last Call for Nies & Sons' Sale.

This is the last call for F. G. Nies & Sons' sale of Poland-Chinas which will be held at Goddard, Kans., Monday, February 10.

This offering will be one of the best of the season. They are good individuals and are richly bred and will comprise a total of fifty-five head, fifteen proven sows and extra good fall yearling gilts, twenty-five choice well-grown spring gilts, and fifteen toppy spring and late summer boars.

Their offering will be well fitted and are rich in the blood of some of the great sires of the breed, such as Meddler, Corrector, and On and On.

The females will be safe in service for early farrow to Corrector 2d, a grandson of the great Corrector; On and On Again, a good breeding son of the \$8,000 On and On, and to a good son of Impudence out of a Perfection 2d dam. This fellow is a show prospect, and bids fair to make a record as a sire.

The sale will be held at Goddard in a good, warm place under cover. Parties coming by train that can not get out Monday night, will be entertained free until Tuesday morning. This is a sale that you can not afford to miss and Nies & Son want you to be their guests on February 10.

Look up their advertisement on another page of this issue and write for catalogue and arrange to be present.

Do You Want a Catalogue

Of the greatest Duroc-Jersey bred-sow sale that will be held in the State this year? We think you should be interested in this catalogue and if you are, write John W. Jones & Son, of Concordia, Kans., and they will mail it to you and be glad to have every reader of this paper have one of them. They fully describe and give the breeding of each of the fifty head of grand, high-bred sows and gilts they will sell at their Concordia, Kans., bred-sow sale, on Tuesday, February 18, 1908. Remember this date. Go to the sale.

They will sell twenty-four head of mature sows and fall yearlings, twenty-four of the growthiest, smoothest, and sleekest spring gilts we have seen this year. They will sell My Choice 50032, the first prize sow in class at the World's Fair. It will pay you to go and look at this great sow. She was sired by Chief of Ohio and they have her safe in pig to their great breeding boar, Fancy Chief by Ohio Chief. This will give you a line-bred litter of Protection pigs with the outcross of Orion and Longfellow appearing on pedigree.

Fancy Xenia, one of the best-producing sows ever in the West, will be sold at this time and she is one of the many attractions of this sale. The great-producing sow, Iravan, and her great daughter, Iravan 2d, a granddaughter of Kant Be Beat on top line and Ohio Chief on the bottom, will surely be two more very attractive sows sold at this time.

Several very fine Shorty Orion gilts will prove worthy of your keenest consideration and when you see the fine fall yearling gilt by Chief and dam Iravan bred to Shorty Orion, you will "go straight up" a few more dollars higher with your bid, we think. This litter will carry as much good blood as will any litter to be farrowed this year.

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the poorest. I was the first man to sell scales on trial. I first "paid the freight". I will send you my "Reasons why you should own a scale", if you will address—

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TESTED SEEDS

how to spray fruit trees; also our line of Spray Pumps, Poultry Supplies, Special Bordeaux Mixtures, Dispersant, Arsenate of Lead, etc. It is sent free. Write for it to-day.

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There is to be looked after several of the good gilts by Chief and we want to mention three of the gilts from Ivan's last spring's litter and three from Fancy Perfecto, she by Improver 23, and another one from a sow by Proud Advance, and all of them sired by the great first prize boar, Fancy Top Notcher 40339. Here are six of the toppy gilts of this sale, as smooth and sleek as you would wish them and they are of the stretchy, broody type and are very large. Two more gilts that deserve special mention are the two sired by that great herd boar and State fair winner, Woodlawn Prince 53343, one of the best boars shown last year and a tried and proven sire of the kind of pigs that everybody likes and says are good.

We might make mention of almost any of the offerings and much could be said of either of them. Some show more plainness and less flesh and finish than others do, but there is not an animal in the sale but that will give a good account of themselves and prove a money-maker for their buyers. Don't miss this sale. Write at one for their fine and complete catalogue. It will give you any and all information you want to know of the herd boars and sows as well as the great offerings (herein described). Don't delay writing them. Get your catalogue early and study it closely, then take it to the sale and compare it to the animals themselves.

S. A. Hands Sells Durocs, February 26.

S. A. Hands, of Thayer, Kans., has claimed Wednesday, February 26, as the date of his Duroc-Jersey bred-sow sale, which will be held at his farm, three and one-half miles southeast of Thayer. At this time and place Mr. Hands will sell thirty-five choice sows and gilts representing some of the best blood lines of the breed. His offering will consist of eight proven sows, all under 3 years old, by such sires as Admiral Togo 37235, he by Duroc Reformer; Crimson Wonder Jr. 33755 by Crimson Wonder; Hands' Beauty by Missouri Advancer, and other good ones.

There will be twenty-seven extra choice, well-grown spring gilts with size, bone, good feet, fancy head and ears, good backs, and lots of finish. These are about the best that the writer has seen this year.

The spring gilts are by Neosha Chief 37161, an extra good breeding grandson of Ohio Chief, and Thayer Boy 61018 by Galesburg Boy, he by Fancy Kant Beat Me. They will be safe in service to Orton Chief, a grandson of the great Orton and Billus K. X. by Dandy Wilkes, dam Crimson Girl by Royal 2d. This offering will be well fitted and in the best possible condition to insure their future usefulness. A more extended notice, together with display advertising will appear in the issue of THE KANSAS FARMER of February 13 and 20. Watch for this and in the meantime get your name on the list for a catalogue and arrange to attend the sale.

Alfred & Son Sell Durocs February 18.

On another page of this issue S. W. Alfred & Son, of Sharon, Kans., are advertising their bred-sow sale of Duroc-Jerseys which will be held at their farm adjoining Sharon, Tuesday, February 18. Their offering, which is one of the best that they have ever made, will consist of sixty head, fifty choice females and ten toppy, well-grown spring boars. Twenty-five of the females will be proven sows in the prime of their usefulness and extra good fall gilts. The remainder will be well-grown spring gilts.

Sharon Wonder, who is the sire of a large part of the gilts that will be sold won second at the Kansas State Fair 1906, and went back and won first against hot competition in 1907. Sharon Wonder is not only a show hog but has proved himself a great breeding sire.

Some of the attractions included in Alfred & Son's offering will be two very

fancy fall gilts by Sharon Wonder out of an Improver dam; one by Sharon King out of an Improver dam; another very fancy gilt is by Sharon Wonder out of Sharon Rose. This gilt will be bred for early farrow to Proud Ohio Boy, a good breeding son of the great Ohio Chief. Other good ones are Sharon Golden by Golden's Orton Chief and Cherry, by Sharon out of Red Bird, she by King Alfred.

A large part of the mature stuff will be safe in service to Silk Wonder 3d, a strong breeding son of the prize-winning Silk Worm, Silk Wonder 3d's litter brother won second at the Missouri State Fair and third at the American Royal, and Silk Wonder 3d won first at the Harper County Fair, defeating a first prize winner of the Kansas State Fair. The spring gilts will be bred to Buddy K's Bud, a son of Buddy K. 4th, and Comet, a grandson of Gold Finch, and Tip Top Notcher, the World's Rair champion; Comet's dam is by Oom Paul.

Here is a good variety of blood lines seldom found in one offering, and breeders and farmers can not afford to miss the opportunity of buying some of this good stuff. At the Kansas State Fair this fall Alfred & Son swept the platter, winning nine firsts and two grand championships, and they are noted throughout the State as producers of the best.

A postal card will bring you a catalogue. Look up their advertisement in this issue and write for one and arrange to attend their sale.

Bridgeman & York's White Wyandottes.

In this issue will be found the advertisement of Bridgeman & York, the White Wyandotte breeders of Forest City, Mo. During former show seasons they have carried off a good share of the high-class ribbons for their breed, but during the season just closing they have made a record that is hard to beat. At the last three Missouri State Shows they have won more firsts than all the other competitors combined on White Wyandottes. The great Trans-Mississippi Poultry Show at Omaha, December 30 to January 4, also contributed a large bunch of ribbons to



Score 95% by Rhodes. Bred and owned by Bridgeman & York, Forest City, Missouri.

their collection. Their first prize hen, scoring 96%, was the talk of that show. They refused to put a price on her, but she was valued by other fanciers at \$500. The story simply repeats itself at the Kansas State Show held at Topeka, January 6-11, 1908. On six entries they won four firsts and three specials, besides winning the "Keller-Straus Special" for the whitest bird in the show. At the Nebraska State Show, January 20-25, in a class of one hundred and thirty-eight of the best in America, including Madison Square Garden, N. Y., winners, Bridgeman & York won \$60 in money and three silver cups. The week following they took practically everything in the White Wyandotte class at the Interstate Show at St. Joseph, Mo. They had ten birds there scoring 95% points and better. In fact, they have about the cream of the White Wyandottes in this country, and they are making some remarkably low prices for the quality of their stock.

Providence Farm Shorthorns.

J. L. Stratton & Son, of Ottawa, Kans., are starting a card in this issue to which we invite the special attention of our readers. In order to make room they are offering at special prices for thirty days, a few choice young bulls and some good cows with calves at foot; some extra cows and bred heifers and a few fine young heifers that will be sold open. Their herd is headed by the straight Scotch bull, Blythesome Conqueror 224431. He is by Imperial Conqueror and out of the imported cow Blythesome, and is one of the best herd bulls that we have seen in the State. He is an outstanding individual with plenty of scale and is full of quality. He has a broad back, a long level, almost perfect lines, beautiful head and horns, and carries naturally a wealth of flesh very evenly distributed. Blythesome Conqueror is proving himself a strong breeding sire and his get, which we saw showed up, are remarkably strong for good backs, fine lines, and natural fleshing qualities. Blythesome Conqueror has been a consistent winner at fairs every fall where he has been shown since he was a yearling. The first premium was given also on herd in Franklin and Leavenworth Counties last fall, also first on cow and first on bull under one year and in the latter county sweepstakes on bull and sweepstakes on cow, Colonel Harris being the judge.

Rose Sterne by Gallant Knight, has won a number of the larger fairs

including Pueblo, Hutchinson, and the American Royal, and her young bull by Mr. Nevius's great Scotch bull, Prince Pavonia, never failed to pull the blue ribbons out of the show ring. The matrons of this herd are from such sires as Gallant Knight, Imported Conqueror, Scotland's Charm, and other good ones. We were shown some yearling heifers by Blythesome Conqueror and out of these dams that were show prospects. The young prize winning bull by Prince Pavonia is worthy of particular mention. He is a show bull, and should go to head a good herd.

Stratton & Son make a specialty of foundation stock, and their herd is strong in breeding quality. All of this young stock that we have described is for sale at moderate prices, considering their quality. Write Stratton & Son about these and kindly mention this paper.

Spangler Sells Big-Boned Polands February 19.

J. D. Spangler, of Sharon, Kans., is advertising his sale of big-boned Polands in this issue of THE KANSAS FARMER, which will occur Wednesday, February 19. Mr. Spangler is breeding the utility type of Poland-Chinas, the kind that combine size, bone, and finish with excellent constitutions, and good producing qualities.

His offering will consist of forty-five head, fifteen tried sows and choice fall gilts, and thirty extra good, well-grown spring gilts. These were all inspected by the writer and he found them a good lot, with size, bone, and finish, good feet, fancy head and ears, strong, thick-fleshed backs, and showing natural feeding and fleshing qualities. These females are safe in service for early farrow to Mr. Spangler's herd boars, Progression 131151A and Mogul Ex 134821.

Progression was bred by Dawson & Son, of Endicott, Neb. He was sired by Expansion 26293 and is out of Ohava Model, by Ohava Chief. At the Kansas State Fair this fall where he was exhibited, Progression was pronounced by competent judges to be the largest hog of his age ever shown there. He weighed 600 pounds, under 12 months, in good breeding form. He stands up on the best of feet with 10-inch bone, has good head and ears, and plenty of finish as well as size. He is proving an excellent sire and has a nice lot of extra good pigs to his credit.

Mogul Ex. was bred by Jensen & Son, of Bellville, Kans. He is by Mogul 36848, he by Blain's Tecumseh 29338, and out of an Expansion dam. This fellow has size, bone, and finish, and shows natural fleshing, as well as strong prepotent qualities.

Here is an opportunity to buy choice females bred to sires that will get pigs with size, bone, and quality; and this will be the only sale in that part of the State where this type of Poland-Chinas can be bought.

Everything will be well fitted and in the most useful condition.

The sale will be held in Mr. Spangler's new sale pavilion at his farm two and one-half miles east of Sharon, Kans. Breeders and farmers who are interested in this type of Polands can not afford to miss this sale. Look up Mr. Spangler's advertisement in this issue, and write him for catalogue and arrange to be present.

Ensor's Duroc-Jersey Bred-Sow Sale.

On February 25, J. F. Ensor, of Olathe, Kans., will sell a draft of thirty head of bred sows from his good herd of Duroc-Jersey swine. Mr. Ensor has been a breeder of Durocs for about three years. He was careful in selecting the foundation stock for his herd to get the best of the breed with which to build, and through wise management has built up a herd that will compare favorably with the top Duroc herds of the country.

The boar, Eureka Tip Top by Tip Top Notcher that stands at the head of his herd, is one of the good hogs of the breed and has sired some of the best things that will go through this sale. He is a large hog, is well proportioned and full of quality.

There will be fourteen fall yearlings, thirteen spring gilts, and three tried sows in the offering and representing some of the strongest blood lines of the breed.

The sale will be held in Olathe, Kans., and can be easily reached by breeders from both Missouri and Kansas.

If you are in the market for good Durocs it will pay you to keep your eye on this sale as there will be something here that you can use to profit in your herd.

Watch these columns for further mention of this sale and in the meantime write Mr. Ensor for one of his catalogues that will explain the character of the offering in detail.

Last Call for Fuller's Sale.

On Tuesday, February 11, N. J. Fuller, of Garnett, Kans., will sell a select draft from his good herd of Durocs, consisting of thirty-two head, ten proven sows, three extra fall yearling gilts, and twenty choice, well-grown spring gilts. These represent some of the best blood of the Duroc-Jersey world, and have for their sires such great breeding hogs as Hunt's Model, Lincoln Wonder, Proud Advance Jr. by Proud Advance, Tip Top Notcher Jr. by Tip Top Notcher, and other, good ones.

It is very seldom that you find the variety of popular and fashionable breeding represented here in an offering of this size, and they are as good individually as they are well bred. These will be safe in service for early farrow to Fuller's Ohio Chief, a son of the great show and breeding sire Ohio Chief; F's Kant Be Beat, by the celebrated Kant Be Beat, and Proud Advance, Jr., a great breeding son of the noted show boar Proud Advance.

The offering will be in the best possible condition to make good in the hands of purchasers. This is an opportunity that breeders and farmers cannot afford to miss, for there will be no better opportunity to obtain foundation stock or new blood for herds all

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CAUSTIC BALSAM.
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THE LAWRENCE-WILLIAMS CO., Cleveland, Ohio.

SCOURS

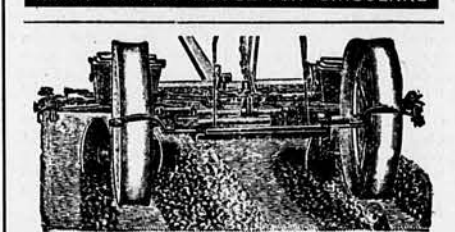
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Will increase the yield of corn, cane or cotton 25 per cent. Guaranteed to pay for itself in one day. Works on any planter. Write for circular and prices. Walker Mfg. Co., Council Bluffs, Iowa.

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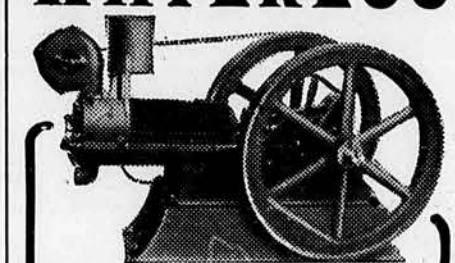
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Guaranteed every way—Safe—Dependable—Handsome finish—Most durable materials and workmanship. Engine 10 H. P., 8 cylinders, air cooled—Chain drive rear—Double brake. Also top motor Buggies and Surreys. Free Book No. A152 shows all—write. CLARK MFG. CO., 124 East Ohio Street, Chicago, Ill.

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Please send your free money saving catalog explaining how you can save me 20 to 50% on a cream separator.
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R. F. Davis, Town.....State.....

Kokomo Woman Gives Fortune

To Help Women Who Suffer.

In the past few years Mrs. Cora B. Miller has spent \$125,000 in giving medical treatment to afflicted women. Some time ago we announced in the columns of this paper that she would send free treatment to every woman who suffered from female diseases or piles.

More than a million women have accepted this generous offer, and as Mrs. Miller is still receiving requests from thousands of women from all parts of the world, who have not yet used the remedy, she has decided to continue the offer for awhile longer, at least.

This is the simple, mild, and harmless preparation that has cured so many women in the privacy of their own homes after doctors and other remedies failed.

It is especially prepared for the speedy and permanent cure of leucorrhea or whitish discharges, ulceration, displacements or falling of the womb, profuse, scanty or painful periods; uterine or ovarian tumors or growths; also pains in the head, back, and bowels, bearing down feelings, nervousness, creeping feeling up the spine, melancholy, desire to cry, hot flashes, weariness and piles from any cause, or no matter of how long standing.

Every woman suffering, unable to find relief, who will write Mrs. Miller now, without delay, will receive by return mail free of charge, a 50-cent box of this simple home remedy, also a book with explanatory illustrations showing why women suffer and how they can easily cure themselves at home without the aid of a physician.

Don't suffer another day, but write at once to Mrs. Cora B. Miller, 126 Miller Building, Kokomo, Ind.

ready established, as can be found here. Write Mr. Fuller for a catalogue, and arrange to be with him Tuesday, February 11. The sale will be held at his farm, just west of city limits.

Axline's Bred Sows at Auction.

The Poland-China bred sows that are to be sold at Independence, Mo., on February 20, from the herd of E. E. Axline, of Oak Grove, Mo., are one of the best lots that he has ever offered at auction in one sale.

They are sired by such boars as Keep On, On and On, Chief Perfection 2nd, Meddler, Missouri's Keep On, Perfection E. L., and a number of other great boars of the breed, and are out of dams that are equally as well bred.

The following is a list of a few of the good things of the offering:

Ideal Lady, by Harmonizer, out of a Mischief Maker dam, an extra good individual and one that any good breeder would be glad to own; Lady Irene, by Proud Perfection; Edith, U. S. 3rd, by Chief Perfection 2nd; E. L.'s Choice, by Perfection E. L.; Lady Meddler, by Meddler; Fashion Keep, by Keep On, one of the very best sows in the sale, and the man who is lucky enough to get her will be the owner of one of the very best sows of the Poland-China breed; she is fancy, and has every type of an excellent brood sow. You can't go very far wrong on this kind; On Favorite 2d, by On and On, another one of the good ones that will do profitable service in any good herd of Poland-Chinas.

These are only a few of the choice things of the sale, and take the offering as a whole, we do not think that Mr. Axline has ever offered a more uniform lot in any of his previous sales, and this is saying a great deal when we consider the many attractive offerings that have come from this farm.

The sale will be held in Independence, Mo., in a comfortable pavilion, prepared for the occasion, and is in easy reach from Kansas City, making it the convenient for breeders from all points of the country.

The catalogues are now ready, and will be gladly mailed you on application to Mr. Axline, at Oak Grove, Mo. We will have more to say of this event in another issue of this paper.

Last Call for Oerly's Great Sale.

Remember that F. F. Oerly, of Oregon, Mo., sells Poland-China bred sows at his home city on February 10.

This will be one of the great Poland-China events of the season, and will no doubt be attended by many of the very best breeders of several States.

The sows that constitute the offering are the best of the breed and they are bred to boars that have had much to do in making Poland-China history. It will probably be late for you to get a catalogue if you have not already secured one, but you will make no mistake just to buy a ticket for Oregon, and join the crowd on February 10. Read carefully his display ad in this issue and you will observe that the offering is as rich in breeding as will be found in any sale ring this season, and individually they are as good as the best.

Monsees' Coming Jack and Jennet Sale.

The name of L. M. Monsees, is known to every jack and horse man in America, and Lime Stone Valley Farm, of which he is proprietor, has long ago become the mecca for a host of buyers of this class of live stock.

On March 3 he will hold his thirty-first sale at his farm near Smithton, Mo., located on the Missouri Pacific railroad, six miles east of Sedalia, Mo. Mr. Monsees has made an enviable record in this line of endeavor and his sales have become National in their influence. He handles nothing but the best, and his every effort is to give his customers a square deal. Each year has recorded a record-breaking sale, and this is not due to any superfluous or scheme methods, but is simply the healthy growth of a great business institution. Watch these columns for further mention of this important event.

Ishmael Sells Poland-China Bred Sows.

On February 21, B. F. Ishmael, of Laredo, Mo., will hold his annual sale of Poland-China bred sows.

Much preparation has been made on the part of Mr. Ishmael to make this one of the best sales of the season; none but individuals of the most intense breeding, and great individual quality will be included.

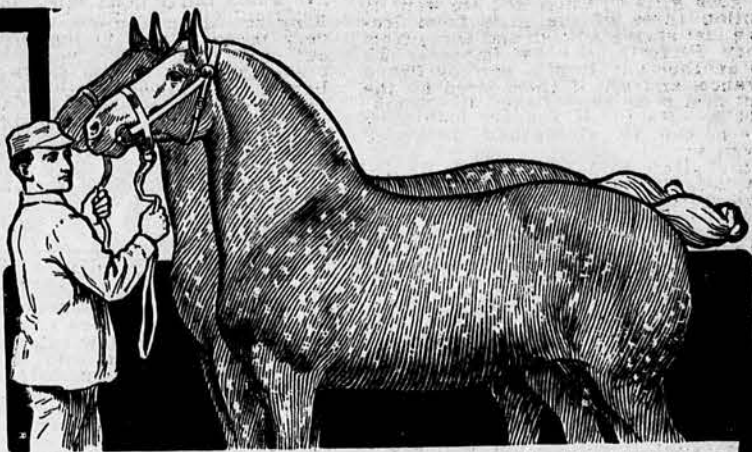
These sows are sired by such hogs as Masticator, S. P.'s Perfection, Corrector, Keep Sake, Perfection E. L., Spellbinder, Regulator, S. P.'s Perfection, Exception, Impudence, and a number of other noted boars.

The following is a list of some of the good things of the offering:

Coleen, by Masticator, and out of Thistletop, will be bred to Reputation. This is an extra good individual, and no doubt will prove a money-maker to the man who buys her. Maid of Mastin, by Corrector, will be bred to Meddler 2nd. This is a sow of great worth, and a litter from her by this illustrious sire will look good on any breeding farm. Cassie, by Keep Sake, bred to Contender, would illicit an interest in any sale of Poland-Chinas. Diamond E. L., by Perfection E. L., bred to Fancy's Perfect, is one of the profitable kind. She is one of the best sows in the sale, and dam of the \$600 boar pig in Frank Fites' last sale. She is bred for an early litter. Humming Bird, by S. P.'s Perfection, is the second prize gilt at Des Moines this year under six months and bred for an early litter to Meddler 2nd. Miss Classical, by Spellbinder, out of a Prince Alert dam bred to Fancy's Perfect, is one of the attractions of the sale. Gearidine, by Corrector, bred to Reputation, is the dam of Fancy Plumb that sold in Mr. I. L. Meets' last sale for \$205. She is one of the good things of the sale. She is a tried sow, and one that has proved to be the profitable kind. Perfection Style, by Stylis Perfection, and out of Winning Sunshine, was first prize winner under one year champion under one

What Horses Need

Conditioning horses for market requires skill in feeding. The stomach of the horse is not suited to the consumption of as much rough fodder as is that of the ox. The ration for the horse then, must be more concentrated—largely grains. But food itself is not more important than is a proper distribution of food after it's eaten. Thus digestion becomes the function to which we look for all satisfactory growth and fattening. Now long-continued heavy feeding may bring stomach derangement, dropsical swellings or even colic. Hence the horse needs a tonic to assist and perfect the digestive process.



DR HESS STOCK FOOD

The prescription of Dr. Hess (M.D., D.V.S.) possesses remarkable tonic properties for either horses, cattle, hogs or sheep. It assists digestion, thus making a greater amount of food available for building bone and muscle or for forming milk and fat. Besides it increases the appetite for roughage. Chemical analysis shows that there is less nutrition lost in the manure when Dr. Hess Stock Food is fed, which proves that more of the food is digested. The ingredients contained in Dr. Hess Stock Food are recommended by the ablest medical writers for improving digestion, purifying the blood, expelling waste material from the system and regulating the bowels.

Sold on a Written Guarantee

100 lbs. \$5.00; 25 lb. pail \$1.60

Smaller quantities at a slight advance.

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Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal compound, and this paper is back of the guarantee.

Free from the 1st to 10th of each month—Dr. Hess (M.D., D.V.S.) will prescribe for your ailing animals. You can have his 96-page Veterinary Book free any time for the asking. Mention this paper.

DR. HESS & CLARK, Ashland, Ohio.

Also Manufacturers of Dr. Hess Poultry Panacea and Instant Louse Killer.

INSTANT LOUSE KILLER KILLS LICE.

year and reserve grand champion at the American Royal in 1906. She raised two litters in 1907, and is now bred for an early litter to Reputation.

These are a few of the good ones of the sale, in fact the entire offering is of exceptional merit and will be in prime condition, and it would be hard to go wrong on any of them.

In the next issue we will have something to say about the good boars to which these sows are bred, and in the meantime you may get in communication with Mr. Ishmael, who will gladly give you any information with reference to this offering.

Write him for one of his illustrated catalogues, and mention this paper.

Last Call for the Taylor and Williamson Duroc Sale.

This is the last call for the Duroc-Jersey bred sow sale at Edwardsville, Kans., for February 14, when Jno. W. Taylor and Roy C. Williamson sell forty head of grandly-bred individuals as per their announcement in this paper.

If you have not yet secured a catalogue of this sale send at once and get one for you are certainly interested in the kind of hogs that will be on sale at this time.

These gentlemen have spared neither time nor money to make this offering one that would appeal to the most exacting breeder of this character of swine, it will be in the pink of condition and the breeding is of the most fashionable strains.

Remember the date, and be on hand at Edwardsville, Kans., February 14.

Last Call for Ward's Sale.

This is the last call for Ward Bros.' great Duroc-Jersey bred-sow sale at their farm four miles south of Republic, Kans., where they get their mail and six miles straight north of Scandia, Kans., which is on the main line of the Rock Island. Also fourteen miles northwest of Bellville, Kans. Mr. Chas. Jones, of Bellville, Kans., is consigning ten head from his splendid herd. From his consignment two will be by Proud Advance, one by Junior Jim and out of an Orion dam, four by Ohio Chief 2d and out of a Proud Advance dam. His consignment is bred to a great son of Junior Jim and out of an Orion dam. The sale will be held as usual at the Ward Bros.' farm and will be under cover and the breeders will be well cared for. A number of sows in this sale will be bred to Expansion, he by Jumbo Perfection and out of an American Royal dam. Expansion is rightly named and is one of the biggest and smoothest boars of his age to be found in Kansas. He is bred right as you will notice, and you are going to like him when you see him sale day. Old Model H needs no introduction here. He was sired by old Higgins Model, and is a show hog of some prominence, but his real worth has always been as a producer of the kind that you can bet on.

In buying from this offering you are buying from men who stand behind the gun all the year and are ready at all times to make good to the extent of their guarantee which is always found in their catalogue. Their catalogues are out, and you can have one by dropping them a postal card and giving them your name and postoffice address.

Howard Reed's Poland Offering.

Howard Reed, the well-known Poland-China breeder of Frankfort, Kans., has rented his farm and has claimed February 24 as the date when he will sell three herd boars that should attract the attention of Poland-China breeders everywhere. Lall's Perfection 19067, sired by Elite Perfection by Mischief Maker and out of Amy Perfection by C's Perfection is a grand

I'll Give You Plenty of Time to Prove that the CHATHAM Fanning Mill Will Pay for Itself in a Year

You can prove this by simply taking my proposition and cleaning your grain—before you sell it—or before you sow it. \$1,000,000 lost by Farmers in Ohio and Michigan alone each season by selling and sowing dirty grain is a low estimate. You won't haul it to be cleaned before you sell your grain, so you are "docked" on the price because of dirt in every bushel. Just take me up on my offer—get a CHATHAM Fanning Mill and save its price easily by using it on your place. Take 30 Days' Free Trial first.

HERE'S WHAT IT DOES

Cleans all kinds of grain—Separates Oats from Wheat better than any mill you can buy—Cleans Red Clover—Takes out Buckhorn Plantain. Cleans Alsike Clover and Alfalfa—Cleans Beans, Oats, Barley—Grades Corn—Cleans Timothy Seed—Takes all chaff and cockle out of wheat.

Chatham Free Book Tells You My Plan On 30 Days Free Trial

This valuable book tells many other ways than those above that a Chatham Fanning Mill will make and save for you. As a practical man you know that all I've said above is true and you also know that in selling direct from our factory—prepaying freight to you—giving you 30 DAYS' FREE TRIAL—and our wholesale price—we have simply got to give you a CHATHAM Fanning Mill that does all we claim for it. Our business life depends on our mill's making good. Remember that.

I Prepay the Freight

I'll send you a CHATHAM Fanning Mill on 30 Days' Trial to prove it will do all we say it will. \$30,000 sold already in U.S. and Canada. Experiment Stations endorse them, and Agricultural Papers recommend them to subscribers. So why take low prices for dirty, mixed grain, or sow seed that grows weeds and mixed crops? Write nearest office for full particulars, prices and New Catalog.

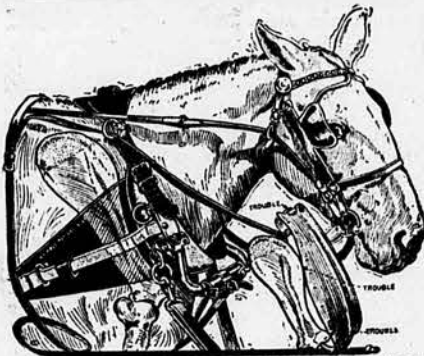
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SORE NECKS OR SHOULDERS

Are impossible if you use the "Whipple" Humane Horse Collar. Insist on having your new harness equipped with them. Five thousand farmers bought them last season and not one will again purchase an old-style collar. Dealers not selling them may try to talk you out of purchasing Humane Collars; they want to sell their old-style collars and can never sell you sweat pads nor gall cures if you use the Humane Collar—a good reason why you should have them. We ship on fifteen days' trial. One collar fits every horse or mule. Before you buy another collar write for price and testimonials. Recommended by all Veterinary Surgeons and State Experimental Farms. We can also sell you an Emergency Harness.



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THE X-RAY INCUBATOR Saves two-thirds to three-fourths Expense in Operating.

One Filling of Lamp makes Entire Hatch.

All Eggs and Thermometer in Plain Sight.

Automatic Wick Trimmer. Eggs Turned Without Removing Tray from Machine.

Other Superior Working Points Shown in Catalog, which will be Mailed for the Asking.

Don't Invest in an Incubator until you get Proof of These Claims.

The X-Ray Incubator Co., L St., Blair, Neb.

good individual and has a host of admirers among Poland-China men. He will be sold in this sale. E. L.'s Keep On Jr. will also go in this sale. He was sired by the lamented \$3,000 E. L.'s Keep On, and will be a year old March 7 of this year. Winsteer 3d is also scheduled for this sale and was farrowed March 7, 1906. He is a very

promising young fellow picked by Mr. Reed from his this season's crop of spring pigs for his own use and is of the big, stretchy kind and combines with it lots of quality and finish.

The offering is to be an unusually attractive one and will consist of nineteen tried sows and fifteen very fancy spring gilts that Mr. Reed had been re-

serving for himself. Also about twenty head of fall pigs sired by Indiana 2d and Lall's Perfection. The nineteen tried sows are all bred for early March farrow and they are choice ones indeed. They have the size combined with the best of finish and are just what you are looking for if you are looking for something to strengthen your herd with.

This is a sale you do not want to miss if you are looking for top stuff. It is an opportunity not afforded every winter. It is a case of where one of the best Poland-China breeders in the West has prepared for producing a crop of pigs next season that would have attracted attention all over the country barring accidents, and has decided at the last minute to disperse these grand matrons that have cost him so much time and money. Also three herd boars that are in their prime and have already attracted the attention of some of the best-known judges of the kind to be found in the country. We are not going to give details about the breeding at this time but will say in conclusion that it is as good as can be found in the State. It will be decided to your advantage to be at this sale. Catalogues will be ready in a few days and will be sent upon application. J. W. Johnson of this paper will be in attendance and will handle bids entrusted to his care and mailed in care of Mr. Reed at Frankfort, Kans.

The Standard Poland-China Record Association.

The regular annual meeting of the stockholders of the Standard Poland-China Record Association of Maryville, Mo., will be held at the Live Stock Exchange Building at the stock yards, South St. Joseph, Mo., on Wednesday, February 12, at 9 a. m. At this time a full board of officers will be elected and other regular business transacted. This meeting will be preceded by the Standard Institute, which will begin at 10 a. m. on February 11, and for which the following program has been provided. This meeting will be held at the same place:

"The Most Profitable Market, Hog, Live and Carcass Demonstrations," J. J. Furgeson, Chicago, Ill.
 "Converging of the Ways," Ted Morse, of Breeders' Special, Kansas City, Mo.
 "Poland-Chinas from a Business Standpoint," A. H. Bowman, Lawrence, Neb.
 "Poland-China Type; What It Should Be," George H. White, Emerson, Iowa.
 "Best Method of Disposing of Our Surplus, Public or Private Sale," W. O. Garrett, Maryville, Mo.
 "Care of Breeding Herd," Ben M. Bell, Beattie, Kans.
 "Raising Pigs from Farrowing to Weaning Time, Ailments and Remedies," Charles E. Tennant, New Hampton, Mo.
 "Keeping Private Record and Recording Stock Promptly," Charles Morrison, Phillipsburg, Kans.

The Central Shorthorn Breeders' Association.

On January 29 the Central Shorthorn Breeders' Association met in its eleventh annual session. The meeting was held in the Live-stock Exchange building at South St. Joseph, Mo., and while it was not as largely attended as some previous meetings have been, it was generally felt by all present that it was one of the best meetings in point of interest and profit to its members that has been held by this association. The meeting was presided over by John R. Tomson, of Dover, Kans., who has been the president of the association for the past year. Secretary B. O. Cowan deserves credit for getting together the following, and very interesting, program:

Welcome Address—A. F. Dally, Pres. Live-stock Exchange.
 Response—Rev. F. V. Loos.
 President's Address—John R. Tomson.
 Fads and Fancies vs. Fat and Flesh—Hon. A. C. Shallenberger.
 Shorthorns in the Feed Lot—Prof. H. R. Smith.
 Judicious Advertising—T. W. Morse, Editor The Breeder's Special.
 Both Sides—Hon. T. J. Wornall.
 Sense and Nonsense in Breeding Cattle—C. D. Bellows.
 Value of Courtesy to Customers—H. C. Duncan.

The papers presented at this meeting have been promised for publication in the columns of THE KANSAS FARMER, and they will be given a place as they become available. The election of officers resulted in the choosing of Hon. H. A. Shallenberger, Alma, Neb., for president, and the reelection of B. O. Cowan, of Chicago, as secretary.

Faulkner's Bred-Sow Sale.

H. L. Faulkner, of Jamesport, Mo., held his annual bred-sow sale on Thursday of last week.

The sale was fairly well attended by breeders and farmers from many parts of the State, and while the average was not so large as was expected, it was a good sale, when we consider that Mr. Faulkner largely sells his own breeding. The sale was conducted by Colonels Wells, Shepherd, Williams, and Lee. The following is a list of the principal sales:

1—F. C. Boyd, Jamesport, Mo.	\$110.00
2—W. H. Powell, Greenridge, Mo.	40.00
3—Thos. Carson, Fayette, Mo.	40.00
4—D. A. Henderson, Cameron, Mo.	36.00
5—R. A. Stockton, Lathrop, Mo.	40.00
6—R. E. Maupin, Pattonsburg, Mo.	52.50
10—Jas. Andrews, Girard, Kans.	25.00
15—J. P. Drake, Lamont, Mo.	25.00
19—W. H. Powell, Jamesport, Mo.	37.50
22—Pat. Slattery, Jamesport, Mo.	30.00
28—F. C. Boyd, Jamesport, Mo.	30.00

The J. D. Shepherd and W. R. Mullen combination sale of Duroc-Jersey bred sows at Abilene, Kans., January 20, came off according to schedule and while the average was not very high,

it was a fairly good sale. In a conversation with Mr. Shepherd at Junction City the Saturday of that week he told us that he was not expecting a very big average on his consignment and was fully satisfied with the prices received. Teddy R. is at the head of Mr. Shepherd's herd and we are going to give a more extended notice of this great sire in the near future. Hamiltonian Top Notcher is a good sire at the head of Mr. Mullen's herd. Their sale pavilion and was well attended by farmers with a nice sprinkling of breeders.

The J. O. Hunt Duroc-Jersey bred-sow sale at Marysville, Kans., January 29, was poorly attended by the breeders and as the farmers are not buying yet it was a very slow sale and when a few head had been sold it developed that there was no demand present for hogs. Mr. Hunt has always made big averages for his bred-sow sales and his herd is one of the best in the country and very popular all over the West. Number 22 in the catalogue sold for \$230, going to the Kant Be Beat Company of Nebraska. She was sired by Kant Be Beat and was out of Village Pride, a sow by Ohio Chief that was also sold in the sale for \$155, going to A. Wilson, of Bethany, Neb. Number 26, which was a very fine spring gilt sired by Big Chief's Son, now owned by Pearl H. Pagett, went to Mr. Pagett at Beloit, Kans., for \$32.50. Number 8, called Twin Sister 1st, went to H. R. Gingrich, of Wellsville, Kans., for \$80. For the past two years Mr. Hunt's average for his bred-sow sales has been near the \$100 mark. Mr. Hunt would sell some choice bred sows at private treaty and at prices that would be considered reasonable. Let him tell you what he has and quote you prices.

A Special Proposition.

The William Galloway Company are making a special offer on a cream separator, which we are pleased to call to the attention of our readers. Their offer in their advertisement on page 155 of this issue gives the first person in any locality, buying one of their separators, an opportunity to get their machine without cost. It is a straight business proposition yet requires no work on the part of the party buying. We believe it worth the while of any of our readers interested in owning a cream separator to investigate Mr. Galloway's offer.

The Galloway cream separator is a beautiful machine in appearance. It has a low supply can, protected working parts, simple gearing, and in every way is a strictly modern and up-to-date machine of its sort. It is being sold direct from factory to farm at a very low price. The new 1908 catalogue describing fully this separator and giving some important information in regard to dairying, will gladly be sent free on request. I would suggest that if you are at all interested in knowing more about a cream separator that it would pay you to send for Mr. Galloway's catalogue now and investigate his offer as well as his machine, which he will send on a thirty days' free trial and backs it up with a \$25,000 guarantee.

The William Galloway Company is a thoroughly reliable firm and do all that they promise. They are well rated with a capital of \$200,000, and stand high among business concerns. Read their advertisement on page 155 of this issue of THE KANSAS FARMER.

You, Reader, for a Postal Card Can Get on Deere's Free List and Get Three Free Booklets at Once.

"Write a postal to Deere" is the new idea of one of the oldest and most reliable implement concerns in America to get in touch with farmers and planters everywhere so that when you once write to them they keep your name on their free mailing list and send you free books regularly so you can keep posted on all the latest improvements and values and be a judge of the best farm implements of all kinds.

Right now you can get free for a postal their new 1908 book on "Corn—More and Better"—which contains all the latest results of scientific and practical corn raising, explained by high authorities. The cover shows picture of the ideal prize ear of corn reproduced in natural colors. This book is chuck-full of valuable information from cover to cover. You'll also get a free pocket ledger and a free booklet about any of the famous Deere farm implements that you are interested in. It don't matter what kind of farm machinery you want to investigate you ought to be on Deere's free mailing list and read their books before you decide finally to pay out your money. Investigate this way their world famous "Model B Disk Harrow," "No. 9 Corn Planter," "New Deere Hay Loader," "Stalk Cutter," "Disk Cultivator," "Disk Harrow," "Corn and Cotton Planters," and in fact, a dozen or more newly improved implements for almost all kinds of farm work which are all built on the "Deere durability" idea.

You know how famous the "Deere" name is, and we advise you, and every reader to "write a postal" to Deere & Mansur Company, Moline, Ill., with your name and address. Be sure to mention that you saw this offer in our paper and you'll get prompt returns. Ask about any implement you are most interested in. Write to-day.

A Choice Proposition.

Attention of readers is requested to the card of W. F. Chamberlain, Kirkwood, Mo., in the advertising columns, which includes a proposal whereby this breeder of high-class fowls offers to furnish two sittings of his noted Chamberlain laying strains of White or Brown Leghorns at a remarkably low figure. Also, eggs of other breeds are priced, as well as Bronze and White Holland turkey eggs at favorable prices. Mr. Chamberlain is the originator of "Perfect Chick Feed," the first successful dry feed, and it has become the standard of the world. Note the card above referred to and get a start from this high-class stock.

Contender and Reputation Bred Sow Sale

At Laredo, Mo., February 21, 1908.

38 Royally-Bred Poland-Chinas 38

28 Bred Sows 28
10 Open Gilts and Boars 10

SIRED BY

Masticator, Corrector, Keep Sake, Perfection E. L., S. P.'s Perfection, Spellbinder, Regulator, Exception, Keep On Meddler, Meddler, Impudence, and a host of others.

BRED TO

Reputation, Contender, and Fancy's Perfect.

ATTRactions: Coleen by Masticator and out of Thistletop, bred to Reputation; Maid Of Mastin by Corrector, bred to Meddler 2d; Cassie by Keep Sake out of a Perfection E. L. dam, bred to Contender; Meddler's Beauty by Meddler 2d out of a Corrector 2d dam, bred to Fancy Perfect; Corrector Topsey by Corrector 2d out of a Chief Perfection 2d dam, bred to Fancy's Perfect.

The stuff in this sale will be in the very best of condition and the kind that will go on and make money in any good herd of Poland-Chinas.

Sale will be held in town in comfortable quarters. Catalogues are now ready. Mail bids may be sent to Geo. E. Cole of The Kansas Farmer in my care.

B. F. ISHMAEL, Laredo, Mo.

Cols. Sparks and Correll, Auctioneers.

PUBLIC SALE Cattle and Horses

I will sell at public sale at my farm 4 miles south and one mile west of Abilene, 1 mile north and one-half mile east of Acme, on

Tuesday, Feb. 25, 1908

commencing at 10 a. m. sharp, the following property:

19 Head of Horses

Pair iron gray mares coming 2 years old, weight 11 to 12 hundred lbs., pair bay mares coming 2 years old, bay yearling colt, black yearling colt, bay colt coming 2 years old, weight about 1,300 lbs., foundations for a fine stallion, black 4 year old mare in foal to the Holland Company's horse, carriage mare well broke for family use in foal to the D. J. Baer stallion, 8 year old Shire brood mare well bred, weight about 1,500 lbs., in foal to Wm. Hanson's horse; this mare is hard to excel for quality and usefulness; gray Norman mare 3 years old, pair Shire geldings coming 3 years old, bay Belgian gelding coming 3 years old, weight about 1,400 lbs., bay Shire gelding coming 4 years old, weight about 1,500 lbs., fine Shire mare coming 3 years old, weight about 1,400 lbs., good farm team, mule about 9 years old.

12 Head Pure-Bred Angus Cattle

A few of those handy, hornless, hustling kind that always do you good. Registered cow 4 years old due to calve by day of sale, registered cow 2 years old with second calf at her side (registered), 6 pure bred cows (not registered) but fine breeders, all bred to herd bull and some with calves at side; registered yearling bull, 2 yearling bulls (not registered), herd bull (Rutger Heather Lad 85373) selected from Chas. E. Sutton's famous herd at Lawrence, Kans. Papers furnished with all registered stock. Nine 2 year old Shorthorn heifers in calf, 4 steer calves, 4 yearling calves, family cow.

TERMS: All sums under ten dollars cash. Purchases exceeding ten dollars a credit of ten months on approved notes. Free lunch at noon. Buyers from a distance entertained free.

E. S. ENGLE, Abilene, Kansas.

J. N. Burton, Auctioneer.

Agriculture

Fertilizers.

Will wheat straw scattered on wheat stubble that is to be listed in corn next spring, have a tendency to dry the ground out and lessen the chance for a corn crop? Of course the straw would not be very thick on the ground. The soil needs humus very much, and manure is too limited in quantity.

Can I build that kind of a soil up by sowing Kafir-corn, not so thick but what it will raise seed, and when it is mature, can I turn hogs onto the ground?

What do you think of the plan of sowing German millet and when it is ripe cutting it with a header so as to add vegetable matter to the soil?

When we raise wheat or oats the straw is pretty short and we have to cut it pretty close to the ground and there is very little stubble to plow under. When we raise corn we pasture the stalks with cattle and there is little left of the stalks by spring.

I shall sow some alfalfa every year, but it is too slow. Thirty bushels of corn per acre and eighteen of wheat seems to be about my limit.

I am raising Kansas Sunflower corn which I got from the Agricultural College. I would like a white corn a little earlier to mature. What shall it be? Have you this seed to sell?

Clay County. A. H. RYON.

If the straw is thinly scattered and the ground is listed into corn it should not have much injurious effect in causing the land to dry out as might be the case if the straw was plowed under. The straw might give some trouble in listing and also in cultivating the corn. As to just how much trouble may occur from this source will depend upon the coarseness of the straw and the amount used per acre. I would recommend, as you have suggested, that the straw be spread very thinly. It is a question whether the humus applied in this way would be sufficient to pay for the labor of distributing the straw and hindrance which the straw will occasion in the planting and cultivating of the corn crop.

It might pay better to let this straw rot down in the stack, distributing it another year after it has become more of the nature of manure.

Cow-peas planted in the corn after the last cultivation of corn, as a catch crop, may supply more humus and perhaps at less expense, or a better way to use cow-peas for fertilizer in this way would be to sow immediately after harvesting the wheat, either disking or plowing shallow to prepare the seed-bed. Other crops may be used in this way for restoring humus, thus improving the texture and fertility of the soil.

Kafir-corn can hardly be recommended as a good crop to grow in order to increase the fertility of the soil. Your method of growing Kafir-corn and feeding it in the field by turning hogs into it, afterward plowing under the stalks and stubble would doubtless add humus to the soil. Other crops, however, might give better results, both as regards feeding value and fertilizer. A combination of cow-peas with the Kafir-corn would be preferable to Kafir-corn alone or cow-peas sown alone make excellent pasture and feed for hogs and are also a valuable soil fertilizer.

I would prefer to sow the millet rather early and take the crop off for hay, planting the cow-peas or rape in the stubble by disking or plowing shallow to prepare the seed-bed, and plowing under the cow-peas or rape for green manure rather than to head the millet and plow under the stubble or straw to add humus to the soil. The green manure is in much better condition to act as a fertilizer than dry straw or stubble. In fact, the plowing under of a heavy growth of straw or stubble will likely have an injurious effect on the crop planted the first season after plowing, due to the fact that the stubble or straw would not decay but break the capil-

lary connection between the furrow slice and the subsoil, thus allowing the ground to dry out and thus injuring the crop.

In your section of the State you can usually grow a catch crop after wheat, oats, or other spring grain, early sown millet, and even in corn, and use the catch crop to restore humus to the soil, preferably planting legumes, since this class of plants not only add humus to the soil but actually increase the nitrogen supply. Or you can grow clover and grass and alfalfa, or annual legumes, such as cow-peas, soy-beans, and field-peas in rotation with other crops.

These methods of restoring humus and maintaining the soil fertility are, in my judgment, preferable to the methods which you propose. However, doubtless some advantage may often be gained and the humus of the soil better maintained by taking greater care in returning to the soil the bi-products of crops; the stubble, straw, stalks, and the manure occasioned by feeding the several crops to stock on the farm.

It takes a comparatively long time to use alfalfa in rotation with other crops, but there is no crop which compares with it as a soil fertility restorer, and by carefully arranging the rotation of crops on the farm it is possible, on the average farm in the course of twenty to thirty years, to so arrange the system of cropping that all of the land on the farm will have been in alfalfa for a period of four or five years. I have mailed you a copy of a pamphlet on "Farm Management," in which plans have been outlined for different systems of crop rotation suited to different conditions.

Flax Wilt.

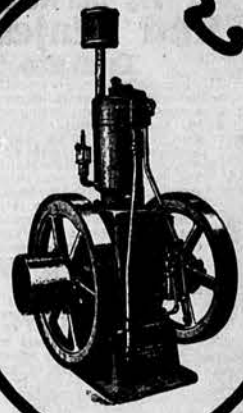
Have you some literature on flax-seed culture pertaining to the microbes of flax, and the treatment of same? GRIFFITH & Co.

Miami County.

I have mailed you a copy of bulletin No. 144. On pages 188 to 192 you will find a discussion of flax experiments and flax culture. I am not certain what you mean by "microbes of flax." Perhaps you refer to a disease of flax known as "flax wilt." This is a fungus disease which attacks the roots of flax plants and when it is once fixed in the soil it remains for a considerable period and continues to increase if the flax is grown on the land year after year, also the disease is transmitted through the seed, evidently by the fungus spores becoming attached to the seed in harvesting and thrashing. The infection in the seed may be destroyed by treating with formaldehyde; however, the general remedy is to rotate flax with other crops, planting it on the land only once in six or seven years. I will mail you a copy of circular No. 7 giving some information regarding the treatment of grain for smut. The formaldehyde may be used in a similar manner for treating flaxseed.

In bulletin No. 50 of the North Dakota Experiment Station, Prof. H. L. Bolley gives the following instructions for treating flaxseed: "There are some difficulties connected with treating flax which are not encountered in handling other grains. When I first recommended the formaldehyde treatment for wheat and oats, a number of farmers complained that it injured their seed. In so far as I have been able to investigate any of these cases, the trouble has been due to some defect in the manner in which they carried out the work. I hope that no farmer will undertake to treat his flaxseed until he has read the directions here given very carefully. While the amount of seed to be handled over is much less than in the case of oats and barley, one must do the work very much more carefully. I have only to call attention to the fact that the mere wetting of flaxseed, unless it is quickly dried, is injurious to its germinating qualities. One ought, therefore, in treating flaxseed to be very careful not to use a bit more of the solution than is necessary to dampen the grain. If by accident you should chance to supply more moisture to a batch of seed than you ought

I. H. C. GASOLINE ENGINES



Are solving the hired help problem for hundreds of farmers.

Vertical Engines made in 2 and 3-Horse Power.
Horizontal Engines (Portable and Stationary) made in 4, 6, 8, 10, 12, 15 and 20-Horse Power.
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Traction Engines, 10, 12, 15 and 20-Horse Power.
Also sawing, spraying and pumping outfits.

YOU offer high wages, and still find it difficult to get hired men. Why not do as other progressive farmers are doing—let one of the dependable and ever ready I. H. C. gasoline engines be your hired man?

Suppose you want to grind feed, shell corn, shred fodder, pump water, operate the churn, grindstone, fanning mill, separator, bone cutter, or saw wood. With an I. H. C. engine you will need no extra help. You can run the engine and attend to the machine yourself.

In the same way you will be able to do dozens of farm jobs which usually require the labor of two men. You will be surprised to find how little attention an I. H. C. engine requires.

The engine will work for you indoors

or out, in wet or dry, hot or cold weather. You will have no difficulty in operating or controlling it.

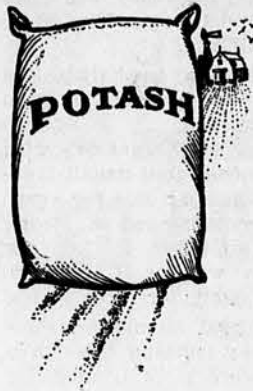
Only a few cents per hour is required for fuel. All I. H. C. engines use either gas, gasoline or denatured alcohol.

Please notice in the above list of styles and sizes that there is an I. H. C. gasoline engine adapted to practically every farm requirement.

You can have a small engine which you can easily move from place to place, as your work requires, or you can have a larger engine for stationary use. The efficiency of all I. H. C. engines is well known. You cannot possibly have any better guarantee of a dependable engine than one of these engines affords.

Call on the International local agent for catalogs, and inspect these engines. Write for colored hanger and booklet on "Development of Power."

INTERNATIONAL HARVESTER COMPANY OF AMERICA, Chicago, U.S.A.
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TIMBER OATS

Weigh the Best

You can make any oats weigh more per struck bushel by using the right fertilizer. Try 200 pounds per acre of a fertilizer containing not less than 6 per cent. of

POTASH

To increase the Potash 1 per cent., add 2 pounds of Muriate of Potash to each 100 pounds of fertilizer.

You will save trouble and money if you buy your Potash first. Your dealer can get it if you insist on it.

Book, "Potash in Agriculture," free. Write to our nearest office for it.

GERMAN KALI WORKS, Monadnock Building, Chicago
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From Factory to Farm NO AGENTS NO MIDDLEMEN

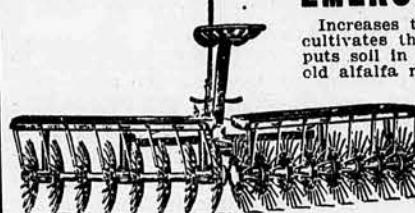
See what it means.

12-in. \$9.75	14-in. Steel Beam Plow, Double Shin	64-Tooth Lever Harrow \$8.50
16-in. \$10.55	Best that money can build, only	96-Tooth Lever " \$12.95
18-in. \$11.50		14-in. Imp. Lister " \$18.50
Sulky Plow \$25		14-in. Sulky Lister \$30.00
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1000 other articles.		
Free. Special Catalogues of		
Buggies, Harness, Steel Ranges.		
Best Walking Cultivator, 4 shovel, \$12.95.		
Best Walking Cultivator, 4 shovel and		
Eagle Claws, \$15.95.		
Improved Riding Cultivator, 4 shovel, \$19.00.		
Improved Riding Disc Cultivator, 6 Disc, \$26.50.		
Corn Planter, complete, 80 rods wire, \$28.40.		

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Only plow factory in the United States selling direct to farmers at wholesale prices.

EMERSON'S ALFALFA RENOVATOR



Increases the yield of alfalfa, kills weeds and crab grass, cultivates the ground around the plant without injuring it, puts soil in condition to catch and hold moisture. Gives an old alfalfa meadow a new lease on life.

Will pay for itself twice over on ten acres in one season. No man with alfalfa on his farm can afford to be without one. Use it after each cutting if desired. Write us for further information and testimonials from users.

Address EMERSON-NEWTON COMPANY,
1318 West 11th, Kansas City, Mo.



LIGHTNING PORTABLE WAGON and STOCK SCALE

All above ground. Steel frame, only eight inches high. Octagon levers. Tool steel bearings. Compound beam. Most accurate and durable. Write for catalogue and price.

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FLINT-COAT ROOFING

Write for Samples and Prices. Buy Direct. You Will Save 25 to 50 Percent. Every Roll Guaranteed Perfect. ROCK ASPHALT ROOFING CO., 609 Y. M. C. A. Building, Chicago

Try the New Red Majestic Tomato

The greatest vegetable novelty of the season. The largest, most productive and finest flavored. When we introduced the pink Majestic three years ago, it proved to be just what we claimed, and hundreds of customers reported fruits weighing 3 to 7 lbs. each, and crops of 100 to 147 lbs. grown on one plant. This new variety is fully equal to it in every respect but will be preferred by many on account of its bright red color. The seed is scarce this year and sells at 40 cents per packet of 100 seeds. We desire, however, to place our catalogue in the hands of everyone who has a garden and will send a trial packet of 25 seeds FREE if you will mention this paper. Also a copy of our large, beautifully illustrated catalogue. A postal card request is sufficient.

FREE

Iowa Seed Co., Des Moines, Ia.

60-DAY OATS made the highest average yield four years in succession at Manhattan. Pure-bred seed, re-cleaned. Shipped on approval. Send for our sample and catalogue.

L. C. BROWN, LaGrange, Ill.

STRAWBERRY PLANTS

The best varieties. Write for catalogue.

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THE STRAWBERRY PLANT MAN.

Rhubarb and Asparagus roots.

STRAWBERRIES

Millions of plants—108 VARIETIES. Best of the standard and new kinds. Healthy, Vigorous Plants, true to name, packed to carry anywhere at popular prices. Catalogue free.

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I sell direct to farmers and market gardeners. Fifty varieties of berries old and new. No agents.

B. F. Smith, Box 7, Lawrence, Kansas

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Prof. Holden's Great Corn Book, **ABC of Corn Culture**. Best Farm Paper for one year, Farm News, and our **Big 1908 Seed Manual**, worth \$2.00 to any up-to-date Farmer, all sent free. Send 15 cts. to help cover cost of mailing. Our 1908 Catalog of Field, Garden and Flower seed **Free**, write today.

A. A. Berry Seed Co., Box 105 Clarinda, Ia.

Reid's Yellow Dent

(MARTIN'S TYPE)

Winner of 1st prize at Predict. County, State Fair and State Corn Show; also gold medal winner at St. Louis and Portland, and winner of 1st prize at the National Corn Show at Chicago, 1907, in class E, Nebraska, and 2d prize and sweepstakes at the Kansas Corn Show, 1908. Write for prices.

Ed Flaharty, R. 2, Seneca, Kans

SEED CORN

Pure-bred Hildreth Yellow! Dent, the kind that wins premiums for yield and quality. Ask for prices and get Haney's "How to Grow 100 Bushels Per Acre." Address

THE DEMING RANCH, Oswego, Kans.

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of all kinds **AT WHOLESALE PRICE.** Save agents commission of 40 per cent by ordering direct from us. Premium with each order free of from 1 to 4 trees; roses, shrubs or other stock. Stock Guaranteed first class. Certificate of Inspection furnished. Don't delay, send for price list now. Address

WICHITA NURSERY, Key G, Wichita, Kans.

A GRAPE ARBOR

For 50c, cash with order (stamps will do) we will ship you, all charges paid, one dozen first-class grapevines as samples: 3 Concord, 2 Ives, 2 Catawba, 3 Niagara, 2 Moore's Early Delaware.

If we get your order on or before Feb. 1, we will add free as a premium 1 Baby Rambler Rose (or your choice of roses).

IOWA NURSERY CO., DES MOINES, IOWA.

SEED CORN

Boone Co. White and Hildreth Yellow Dent.

IMMENSE YIELD, HIGH QUALITY.

Our corn took 1st in County; 1st and 2d in Boys' County Contest; 4th and 6th in Boys' State Contest; 2d in Capper Contest; 2d at State Corn Show; 2d, 3d and 6th at National Corn Exposition; 1st and 2d in Yield-per-acre Contest, 1907. Best acre, 114 bushels, 49 lbs. corrected weight, which constitutes the record for Kansas. Best 10 acres, about 1100 bushels, field weight. All corn carefully tested for germination.

Carefully selected ears in crates, \$2.50 per bushel; 2d grade shelled, \$1.50 per bushel, f. o. b. at Leavenworth.

J. M. GILMAN & SONS, ROUTE 1, LEAVENWORTH, KANS.

throw in some more dry seed at once and stir it over rapidly. The dry seeds will withdraw the excessive moisture from those which are too wet, and thus prevent injury to the latter.

"I would not recommend that any one should undertake to treat all his seed flax this year. Try a sufficient amount to sow an area large enough from which to harvest the seed for next year's crop. By another year you may learn to avoid many errors which might now arise through inexperience.

THE METHOD OF TREATMENT.

"We use formaldehyde at the rate of one pound of the standard strength to forty or forty-five gallons of water (the same strength used for wheat and oats). Spread the seed upon a light floor or upon a canvas and sprinkle or spray on a small amount of the liquid (a fine spray is best). Shovel, hoe, or rake the grain very rapidly. Repeat this spraying, shoveling, hoeing, or raking until the surfaces of all the seeds are just evenly moist, not wet enough to mat or gum, but evenly damp. (This can be done without matting if the grain is well hoed or shoveled over while the solution is slowly and evenly sprayed upon it.) When the seeds are just evenly moist, cease applying the solution, but continue to shovel the grain over so as to get it dry as soon as possible. Avoid any excess of moisture. If flax-seeds are dipped in the solution or are allowed to get wet enough to soften the seed coats so that they will stick together, they will be considerably injured or even killed.

"It takes less than one-half gallon of the solution to properly moisten one bushel of flaxseed.

"Caution: One must treat flax with much more care than that usually taken in treating wheat or oats for smut. The solution recommended is strong enough to kill all seeds, if they are made thoroughly wet, or if they are allowed to stay damp for some hours.

"Note: The seed should be thoroughly cleaned by running through a fanning mill before it is treated because the solution is not strong enough to kill the disease (fungus) which is inside of bits of straw and chaff."

You should write the North Dakota Experiment Station for this bulletin, also for North Dakota bulletin No. 171 on "Flax Culture." **A. M. TENEYCK.**

Treatment for Smutty and Moldy Corn.

What is your experience in treating seed corn with formaldehyde for smutty and moldy corn?

Would Kherson oats and some variety of cow-peas, sown together, be a paying crop in Doniphan County? What do you think of grinding the grain and feeding to hogs? What variety of peas would you recommend sowing with the above oats? How much of each grain per acre and what is the price of the peas per bushel? One field slopes to the south, the other principally to the north and east. Mostly black soil, some clay on east slope. Which would be the better field for sowing the peas, as I do not wish to sow peas with all of the oats? When will be the best time to sow?

HENRY L. KEINNINGER.

Doniphan County.

Smut in corn is not prevented to any extent by treating the seed corn with formaldehyde. The treatment with formaldehyde destroys smut in wheat and other grains because the spores which produce the smut in wheat are invariably attached to the seed grain. With corn, however, smut infection may take place in the field during the growing of the crop. The infection may not take place from the seed as with wheat and the treatment of the seed to destroy smut does not have much effect in preventing smut in corn. For more detailed information on the subject, I have mailed you circular No. 7, in which you will find a discussion of smut in corn and other grains.

It is not well understood as to just what is the cause of moldy corn. Evidently the mold is an infection of the ear from outside and does not

come from the infection of the seed, thus the treatment of the seed corn with formaldehyde would perhaps have no effect in preventing the mold on corn.

A combination of oats and cow-peas do not grow well together either for forage or for hay. The cow-peas are much later in maturing than the oats. A combination of field-peas and oats should give better results. Cow-peas make a good forage crop when sown alone or cow-peas may be sown with a thin seeding of corn, Kafir-corn, or sorghum. I have mailed you copy of circular No. 8, giving information regarding the culture and use of cow-peas. The field-peas and oats may be sown early in the spring. The cow-peas should not be planted until the weather is warm and not until about the first of June.

Cow-peas make a very rich feed for hogs or other stock when ground and mixed with other ground grain. The peas contain over 20 per cent of protein and about 2 per cent of fat, or twice as much protein as corn and nearly half as much fat. Field-peas are similar to cow-peas in composition.

The Canada field-pea is a standard variety and may be recommended for sowing with oats in Doniphan County. Sow about a bushel of each per acre for grain production. For forage production I would increase the amount of each to about a bushel and a half per acre. The seed of both field-peas and cow-peas sell at a very high price, \$2.50 to \$3 per bushel. I have mailed you a circular letter giving some information regarding the growing of field-peas.

Possibly the field sloping to the south may be selected for growing the peas, especially the cow-peas. If the soils of fields are equally fertile, however, there should be little difference in the results from growing peas and oats on either field.

As stated, the field-peas and oats combination should be sown early in the spring, about the time it is usual to sow oats, while cow-peas should not be seeded before the ground is warm and danger of frost is past.

A. M. TENEYCK.

Crowder Cow-Peas.

Some years ago I raised peas of the following description: Slightly kidney shaped, white with black eye, about size of navy bean; pods from six to eighteen inches long, rather slim; vine from one to two feet tall, more like a bean than pea vine. We called them the Crowder pea, others called them Black-eyed Susies. They were very hardy and drought-resisting, would grow on poor ground with little moisture. I have lost the seed. Please give me the proper name for them, and inform me, if possible, where I can obtain seed. I have been informed that it was a cow-pea, but I think not, although I am not acquainted with the cow-pea. I understand that it has a long running vine, while the Crowder has a bushy vine that supports itself.

Please inform me through THE KANSAS FARMER, and also where would you advise buying seeds for farm and garden planting for this part of the State?

J. HARMAN.

Wallace County.

We have just secured a few quarts of the Crowder cow-peas for planting next season. Secured the seed from the Texas Seed and Floral Company, Dallas, Texas. The varieties of cow-peas differ somewhat in regard to vining characteristics, some growing more bushy than others. The Crowder appears to be of the bushy type. The New Era which we are growing at this station vines less than other varieties. I have mailed you a copy of circular No. 8 giving further information regarding cow-peas.

It will be advisable to buy Western grown seed both for farm and garden planting in Western Kansas. Some field crop seeds may be secured from Western farmers whose advertisements may be found in the agricultural papers. I do not know of garden seeds being grown or bred in the West for Western sale. McBeth & Kinnison, Garden City, Kans., are

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In order to add 250,000 new customers to our list we make the following bargains:

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1Pkg. Strawberry Muskmelon	15c.
1Pkg. Thirteen Day Radish	10c.
1000 kernels gloriously beautiful flower seed	15c.
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Above is sufficient seed to grow 35 bush. of rarest vegetables in succession during the coming season and thousands of brilliant flowers, and all is mailed to you.

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dealers in field crop seeds; M. G. Blackman, Hoxie, Kans., is a grower and dealer in field crop seeds. The branch of the Barteldes Seed Company, located at Denver, Col., ought to be able to furnish Western grown garden seeds. A. M. TENEYCK.

Oats for Hog Pasture.

I wish to plant a field to oats in the spring and fence it hog tight, pasture, after oats are harvested, with hogs, and would like to know through the columns of THE KANSAS FARMER if there is anything I could plant with oats that would make good hog pasture after harvest? The ground is nice, level upland. E. J. KENT.

Republic County.

Sow three or four pounds of rape seed per acre with the oats. This may be done after the oats are drilled by broadcasting by hand, or the rape may be sown with a grass seeder attachment on the grain drill. If the rape starts well it will come on almost immediately after harvest, furnishing pasture within two or three weeks after the oats are harvested. Sometimes rape sown in this way makes too rank a growth and interferes with harvesting the oat crop.

It is practicable to sow rape after the oats are harvested, preparing the ground immediately after harvest by disking and sowing the rape broadcast or with the drill as described above. With favorable weather, in the course of a few weeks the rape will have made sufficient growth so that it may be pastured with hogs. For late summer or fall pasture, cow-peas may be used in this way.

A. M. TENEYCK.

Corn Damaged by Weevils.

I would like to ask a question in regard to corn which has been damaged by weevil; has its value ever been tested at the Agricultural College and what effect does it have on cattle and hogs? We have about 3,000 bushels in which they have worked to some extent. Will they breed during the warm weather in winter or will they lay dormant until early spring or summer?

ROBT. B. ANDERSON.

Bourbon County.

I am informed by Professor Kinzer that no test of the feeding value of weevil-infested corn has been made at the Agricultural College, and by Professor Schoenleber that no well-substantiated case is on record where cattle or hogs were injured by its use as feed.

It is difficult to say whether this warm weather will cause the weevils to work, because the relation of temperature to these insects has not been carefully worked out. In a general way we know that they hibernate out of doors during the winter, but we do not know what degree of temperature will enable them to work.

The "fly weevil" passes the winter as a torpid "worm" in the corn, and with the coming of warm weather begins to work where it left off on the advent of low temperature. It is possible that they may do some work during warm periods, especially if the corn be inside a building, for we have found them working to some extent in seed corn stored in the attic of a building in constant use for class and laboratory purposes. All things considered, however, it is unlikely that the weevils will do serious damage during the winter.

T. J. HEADLEE.

Breaking Clover Sod in Winter.

EDITOR KANSAS FARMER:—Answering your correspondent's question with reference to plowing clover sod in winter, I am unable to give any definite information on the subject. We have never carried on experiments to prove or disprove the points in question. I know it is a general practise with farmers in clover countries to plow clover sod in the spring and I have heard the same argument advanced that it "kills" the land to break clover sod in the fall, or even in the winter. Whether there is really a detrimental effect I am not sure. It seems to be a subject worthy of experimentation.

I may say that I do not hesitate to

plow ground any time in the fall or winter when the soil needs plowing and is in condition to plow. Perhaps the detrimental effect from winter plowing may be due to the condition in which the soil is left rather than to the time of plowing. If soil is simply plowed and left open and rough it disintegrates very greatly by freezing and thawing and remains loose and ashy and in condition to dry out in the spring unless it receives further cultivation, provided the rainfall is deficient. By disking soon after plowing and continuing the cultivation in the spring, the unfavorable conditions may be overcome and the "life" of the soil maintained. I think the conditions named above will especially be likely to result when the breaking of clover sod in the winter is practised without sufficient cultivation, which leaves the soil loose and mellow the next year, with a tendency to dry out or remain more or less "lifeless" in the growing of corn or other crops.

In an experiment in breaking prairie sod at this station early in the fall, late in the fall, and in the spring, fall breaking produced rather the best crops of flax the following season and no practical difference was observed in the crops of wheat following the flax the second year after the breaking. A. M. TENEYCK.

Are There Green Bugs in Gray County?

I read the article in last week's KANSAS FARMER about the green bug, in which it is stated that it is known to be working destruction on one farm in each of two counties. I know of one farm here in Gray County, besides my own, where the wheat is killed in patches, but I had attributed it to small brown wire worms which were abundant in the field at one time just after sowing. After reading THE KANSAS FARMER article I thought that it was the bug that was working, but as I have never seen green bugs I do not know how to determine, nor what to look for. Will any one from the college be in this vicinity so we can have it investigated? S. E. BARTON.

Cimarron, Kans.

I am very much interested in the account of wheat infestation which you describe. We can not visit Cimarron in the near future unless something unforeseen arises, but if you will go to these patches and pull up fifteen or twenty stools of wheat and enclose them in a tight, tin box or can, together with any bugs you may find on the roots, leaves, or stems of the plant or on the ground, we shall be able to give you an idea of where the trouble lies.

I am very much interested in this matter and hope you can see your way to attend to it promptly.

T. J. HEADLEE.

The Farmers' Union cotton warehouse movement in the South, whereby it was planned to enable farmers to hold their cotton until the price had gone up to 15 cents per pound, has collapsed on account of the stringency of the money market. It was announced in November by E. A. Calvin, manager of that department, that funds for carrying the cotton were no longer available, and that no more loans would be made. It is stated that the loans now amount to more than \$75,000,000. Local banks all over the South have tightened up, and this was the cause of the collapse of the big movement.

The man in town thinks of some day moving to a farm, while the farmer's ambition is to live in the city. Yet these men rarely exchange places. It is simply a manifestation of unrest that doesn't do much harm.

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Horticulture

Mulching the Orchard.

EDITOR KANSAS FARMER:—The orchards connected with the Crete Nurseries have, during the year 1907, yielded one-half as many bushels of apples as we secured during the year 1906. Apples were worth a little more than twice as much during the autumn of 1907 as could be procured for them in 1906. Therefore, the disastrous freezes which came to us in April and May were not as detrimental as we at first thought they would be.

We notice that our neighbors, handling their orchards in the ordinary farmer way, with but little or no cultivation, secured but 5 to 10 per cent of the yield per tree or acre which we secured. To what shall we attribute this? Doubtless the foundation of our success in growing paying crops of fruit is in continued good cultivation. Our oldest trees have been under cultivation for thirty-five years. We think, perhaps, the second factor of our success lies in spraying the trees with Bordeaux to maintain a healthy foliage. Our orchard trees during the years 1906 and 1907 showed remarkably healthy foliage. A good, healthy foliage is essential to the maximum quality of merchantable fruit. The third factor, spraying with arsenate of lead, lessens the number of codling moth. The fourth reason, our effort to maintain the fertility of the soil by the use of manure applied to the surface. That portion which is under the branches acts as a mulch, that which is applied between the rows of trees is cultivated in. The use of manure increases the fertility of the soil and the health and color of the foliage.

Our foreman is inclined to think, however, that in proportion to the cost of the work, a straw mulch gives better results for each dollar expended than manure. Straw can usually be purchased within from one to three miles at 25 cents a load. Each load of straw is expected to mulch eight trees to the width of eight or ten feet. Each load of table manure is expected to make an application to the soil around eight or ten trees, applying to each tree about four hundred pounds.

The reader should not understand that all of our orchards have been either manured or mulched. The pressure of other work has allowed only a fair beginning at this class of work. Perhaps we have so far been able to mulch with straw about one thousand trees, and last winter we applied stable manure to the surface of one thousand trees. Where the trees are showing the results of overbearing, indicated by a very short twig growth we will this winter, as far as we can, supply a straw mulch to the row and manure to the ground between the rows.

Should roads and weather conditions remain favorable this winter we hope to haul one million pounds of manure and straw to cover the entire orchard once over in about three years.

Steady cultivation for the space of thirty-five years has resulted in our orchard, in a considerable loss of humus, and some loss by washing away of surface soil on the sharply rolling hillsides. We are endeavoring to replace this waste.

We have this season secured thirty bushels of apples from single trees thirty-five years planted. Almost twenty times as much fruit from trees of nearly the same age and variety as was secured by other farmers in our neighborhood.

We fear that in Central Nebraska to neglect the cultivation of the orchard and allow either weeds or grass to grow must lead to a serious lack of soil moisture during certain portions of the year. The apple tree which does not have a reasonably full supply of subsoil moisture in the months of July, August, and September is not likely to set a sufficient number of healthy, vigorous fruit buds. By careful study Professor Goff has demonstrated that the fruit buds of the ap-

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"Honest Through and Through"

ple begin to form in the month of July and continue to develop and strengthen until October. Hence, the supreme importance of having the apple tree carry a healthy, vigorous foliage during the summer and autumn months and having the trees supported by a sufficient amount of subsoil moisture.

E. F. STEPHENS.

Crete, Neb.

Trees; Budding and Grafting Fruit.

I want to raise fruit on my farm in Meade County. Can you give me any advice in regard to budding and grafting grapes, apples, and peaches; also information regarding strawberry and raspberry culture? If the State furnishes forest trees for planting please let me know.

S. D. SMITH.

Meade County.

We shall have a pamphlet published in a short time concerning the setting of trees and the matter of budding and grafting. The pamphlet will discuss these questions more fully than I can in a letter, and I will be glad to send you a copy when it comes from the publishers.

The Experiment Station has no trees for distribution, but the State Forestry Association, at Dodge City, and the State Forestry Station, at Ogallah, raise some trees for distribution, and it may be possible for you to secure some by writing to the superintendent of the station.

ALBERT DICKENS.

Straw as a Mulch.

Is it a good plan to put straw mulching in a vineyard? If so, how often and how deep? Some have told me that it would make the roots grow to the surface and when it got dry they would die; others say it is the proper way to treat a vineyard.

Republic County. E. J. KENT.

Heavy mulching has sometimes given the results which you fear, and we do not recommend mulching as a continuous treatment for any variety of crops. In wet seasons there is likely to be a lack of air in the soil, and roots tend to form near the surface. An occasional mulching is frequently very beneficial to the soil, and helps to conserve the moisture. If applied it should at least be done every alternate year. It should be well worked into the soil and given a thorough cultivation.

ALBERT DICKENS.

After a Fruit-Tree Pest.

The Kansas State Entomological Commission, created at the last regular session of the Legislature, has decided to devote the funds available for this year to the destruction of insects injurious to fruit and fruit trees. The commission particularly desires to know where the San Jose scale exists in this State, and earnestly solicits aid in finding out the facts. The commission says:

"The living scale is now wintering on the bark as blackish, round, flat objects—mere points, just visible to the naked eye. Where the scale has been for some time, among the young scales will be seen the larger, lighter-colored parents, now dead, that gave birth to the present generation only last summer. Where the scale has been for a still longer time, the trees will probably be encrusted, looking scaly and ashy in color, and in many parts showing none of the green healthy bark."

"San Jose scale is not confined to apple and peach trees, but attacks pear, plum, currant, gooseberry, and various ornamentals; in fact, all deciduous trees and shrubs. San Jose scale can be controlled, but the sooner you learn of its presence the better will be your chances for protecting your favorite trees or your orchard. It will take but little work to look over your trees and shrubs and to send specimens of suspicious looking bark and twigs. Will you do it? Can you afford to neglect it? Place them in a tight tin box or can, and send by mail to either Prof. T. J. Headlee, Manhattan, Kans., or Prof. S. J. Hunter, Lawrence, Kans., and not only will you have satisfied yourself regarding your own condition, but you will also be aiding the State in its fight against this foe. All material sent will be determined promptly, and all information will be regarded as confidential."

The venerable Horace Greeley once said: "The best investment a farmer can make for his family is that which surrounds their youth with the rational delights of a bounteous and attractive home. No money spent upon the farm is so profitable as that which makes the wife and children fond and proud of their home."

Keeping an animal until aged may result in a loss. The greatest gain is when the animal is young.

BEFORE YOU BUY A MANURE SPREADER

SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.



"A boy can run it!" See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

Appleton Manure Spreader

has all these improved features and many others equally important. Write to-day for free catalogue of special prices and terms.

APPLETON MANUFACTURING CO.
19 Fargo Street, Batavia, Ill., U. S. A.

BOWSER

(Sold with or without elevator.) Crush ear corn (with or without shucks) and grind all kinds of small grain, and head kaffir. Use Central Shape Grinders. Different from all others.

LIGHTEST RUNNING

Handy to operate. 7 sizes—3 to 25 h. p. One size for wind-wheel use.

Also make Sweep Grinders, both Geared and Plain.

C. N. P. Bowser Co.
SOUTH BEND, IND.

FEED MILLS

\$10.00 Sweep Feed Grinder.

\$14.00 Galvanized Steel Wind Mill.

We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list.

CURRIE WIND MILL CO.,
Seventh St., Topeka, Kansas

DON'T BUY GASOLINE ENGINES

UNTIL YOU INVESTIGATE "THE MASTER WORKMAN," a two-cylinder gasoline, kerosene or alcohol engine, superior to any one-cylinder engine, revolutionizing power. Its weight and bulk are half that of single cylinder engines, with greater durability. Costs Less to Buy—Less to Run. Quickly, easily started. Vibration practically overcome. Cheaply mounted on any wagon. It is a combination portable, stationary or traction engine. SEND FOR CATALOGUE. THE TEMPLE PUMP CO., Mfrs., Meagher and 15th Sts., Chicago. THIS IS OUR FIFTY-FIFTH YEAR.



How Pedigreed Corn Breeds Wealth

Scientifically Selected Seed Corn Grown on the Famous Funk Farms Produces Amazing Yields

WHAT is the limit to the possible yield of corn per acre through scientific breeding, selection and cultivation? How much corn-wealth per acre is attainable by the planting of Pedigreed Corn?

When in 1906 we announced that by our system of breeding we had produced strains of Pedigreed Corn yielding as high as **157 bushels per acre**, it was generally considered that the maximum had been reached.

But we knew better. Every year since we started the corn-breeding experiments, which have since attracted world-wide attention, has witnessed a remarkable increase in yielding qualities, in germination vigor, in size and sturdiness of stalk, in enrichment of the chemical content of kernels.

1907 has been our wonder year. Our improvements in methods of picking, selecting, curing, storing and grading seed corn, have been coming thick and fast. The 1907 crop of Funk's Pedigreed Seed Corn has made a new record—more amazing than all that have gone before.

Funk's Yellow Dent
the Wonder of Wonders
in the World of Corn—

responding to all these improvements, in methods and facilities rolled up the astounding record of **175 bushels per acre** in 1907—and that under normal conditions of growth. Our this year's seed corn will undoubtedly produce from 5 per cent to 25 per cent more per acre than the seed we sent out last year.

The scientific corn breeding and seed selection conducted by us on the great Funk Farms, has as its one great aim, **Increased Yield.** And our high-yielding Pedigreed Corn is breeding millions upon millions of added wealth for the wide-awake farmers of America.

The Story of Pedigreed Corn—its production—its high yield—its wonderful vigor of germination and growth to quick maturity is one of fascinating interest.

We publish a "**Book of Corn**" for free distribution, which tells it all. We want every reader of this paper to have a copy.

The selection and breeding of Pedigreed Corn calls for enormous expenditures of money and an amount of painstaking labor, patient watchfulness and constant experiment of which the average man has small conception.

In the limited space of this article we can only sketch the broad outlines of the story.

And the vital fact that we seek to plant in the mind of every reader is that **Pedigreed Corn transmits to its progeny the high-yielding qualities that we have developed in the parent stock.**

Breeding Champion Sires and Dams

There is a striking parallel between scientific live-stock breeding and scientific corn-breeding. The champion sires and dams that produce **Funk's Yellow Dent** are direct descendants of J. L. Reid's Yellow Dent.

Under our methods of selection and breeding, we have steadily increased the yield and feeding value of Funk's Yellow Dent until to-day it is the most popular variety grown in the great group of States known as the "Corn Belt."

Methods That Secure High Vitality and High Productiveness

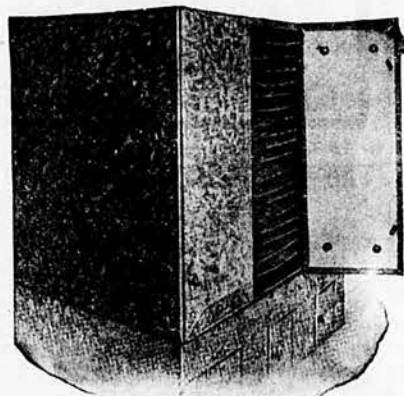
How was this result accomplished? Here is a brief summary of the Funk Methods.

The test of yield per acre are made on plots of ground or **Breeding Blocks** so situated as to prevent the pollen of other corn mixing with the breeding ears.

Plant Selection

We select the plants which are growing in the field under competitive conditions—that is, two or more in a hill—and which have produced big, vigorous, healthy stalks and high-yielding ears.

This shows the inherent influence that causes them to grow that way. It gives us a line on inherent qualities that it is impossible to get by making selections from wagon box or crib.



The Germination Tester
Capacity 20,000 Samples.

Our experiments prove conclusively the enormous advantage of **plant selection over crib selection** and the superiority of our methods is proved by the experiment made by Prof. C. G. Williams of the Ohio Experiment Station.

Hand Pollination

One of the big improvements recently inaugurated by us is the **mating of individual plants by hand pollination.** We do not mate by rows, although this method means far less labor and expense.

The same care extends to every subsequent operation. The corn, when brought from the field, is dried by our **Patent Drying Process.**

This quick process of artificial drying at a time when all the kernels will grow, not only holds the **germinative power up to its maximum**, but by reason of its **quicker and stronger germination in the field**, actually causes an increase of 10 to 15 per cent in the yield per acre!

After the quick drying process all the butt and tip kernels of the perfect ears are removed. The remaining **uniform kernels** are next run through a machine to reduce them to a **still more uniform size**, and then hand picked. Thus our Pedigreed Corn passes exceedingly rigid, selective tests.

Increase Your Yield from \$4 to \$15 per acre

Plant Funk's Yellow Dent and you will increase your yield from \$4 to \$15 per acre.

A bushel of Funk's Yellow Dent Ear Corn plants five acres, which gives that bushel a value of from \$20 to \$75.

Read what the Farmers say:

A gain of 20 per cent

I received your letter of inquiry about the seed corn. My success with your seed corn was good this year. I think it pays to raise Funk's pedigree seed corn, as it yields good with a gain of 20 per cent at least over old home-grown. I am pleased with Funk's Yellow Dent.

CHAS. MASSION, Flanagan, Ill.

Splendid Plan of an Iowa Man

I have made it a practice for several years to purchase seed corn of you. Last year I bought four bushels at \$5 per bushel that planted 20 odd acres. It did well, as your seed has always done for me. I have picked enough seed out of that 20 odd acres to plant 200 acres next year. Next year I will purchase pedigree corn of you again and pick my seed out of that for the following year. I find this method pays me, for I am getting the benefit of the experience and outlay that you are put to in producing well-bred corn. Last spring I gave 37 boys of this township one ear each of pedigree corn.



A Frost-Resistant Row in a Hand Pollinated Block

JOE FRY, Wever, Iowa.

75 to 80 Bushels Per Acre

In reply to your inquiry concerning the seed corn I bought of you last spring, will say that it was entirely satisfactory, and I have raised the heaviest and best crop of corn from your seed that I ever raised in my life. I planted 80 acres of this corn, all on upland, and feel certain that it will average from 75 to 80 bushels per acre. I would take pleasure at any time in recommending your seed corn.

T. S. GRAVES, Indianapolis, Ind.

Invested \$5—Won \$129 Cash

From the \$5.00 Pedigreed Yellow Dent Corn purchased from you last year, I grew corn which up to date has won \$129 in cash premiums for me. It was one of the best investments I ever made.

JACOB RANG, Mabel, Ill.

20 Per Cent Better Than Home-Grown Seed

My success with your seed corn was good this year. I think it pays to raise Funk's pedigree seed corn, as it yields good with a gain of 20 per cent at least over old Home-grown corn.

CHAS. MASSION, Flanagan, Ill.

Means Millions of Dollars to Farmers

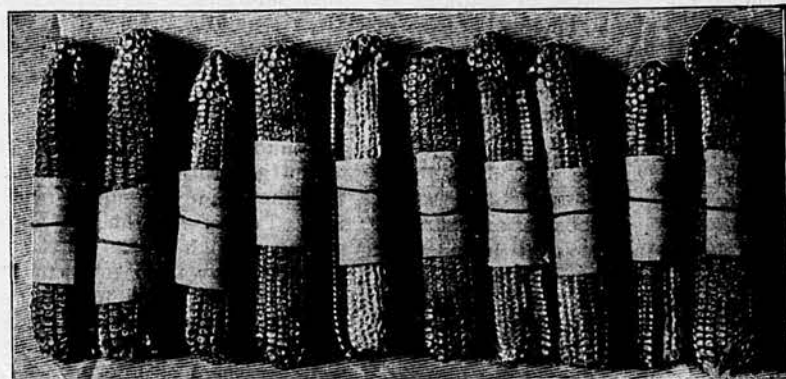
In regard to the seed corn I purchased of you last spring, would say that it more than came up to my expectation. One old farmer who was out in the field with me this fall said that as long as he had lived he had never seen such heavy corn. It certainly pays to breed up seed corn as well as it does to breed up stock. If farmers would wake up and get out of the old ruts and come to a sincere realization of some of these facts, it would mean millions of dollars in their pockets.

CHAS. REDPATH, Marengo, Ill.

Unfavorable Season—Heavier Crops

Being an unfavorable season for corn in this section, we had one of the heaviest crops from your seed. This is a good advertisement for you. I have put several on to your seed this coming season. We shall probably favor you with another order for silage in the spring.

THE R. H. NESBITT CO., Highwood, New Haven, Conn.



Some Famous Dams or Mother Ears of Funk's Yellow Dent. They Have Produced at the Rate of from 101 Bushels to 157 Bushels per Acre.

Our Germination Test

Every per cent of **vitality** that is **lacking** in the seed corn you plant means a loss of from one-half to one bushel per acre in your yield.

A loss of 10 per cent in **vitality** means a loss of from five to ten bushels per acre or 30 to 60 bushels on the land planted with one bushel of seed corn!

Long before the frost of October 15th that killed so much corn all over the country, our immense warehouse was filled to its capacity with the cream of our 1907 crop.

Samples of Funk's Yellow Dent Free—Test It Yourself

Sign and mail the coupon and we will send you **free samples** of Funk's Yellow Dent Seed Corn. With these samples we will send full instruction for a **Germination Test**. You'll find that our Pedigreed Corn GROWS! The germs hold that little vital spark called **LIFE!** Let the test be **competitive.** Test some of your own or any other seed corn at the same time. We court comparison.

"Book of Corn" FREE

It will pay you to study up on this great question of Pedigreed Corn. Fill out the Coupon and we will send you a copy of one of the most interesting and valuable books ever written on the subject. Gives the net results of our eighty-four years of corn growing in Illinois.

We are the largest seed-corn growers in the world. There are 25,000 acres in our seed farm, 8,000 acres in corn. You may profit by our experience, without a cent of cost. There's a lesson on every page of the Book of Corn. It is beautifully printed, fully illustrated and absolutely reliable in every statement. Your profit depends on prompt action, before seeding time. Send in the Coupon or write a letter to-day and get both the Free Book and the Free Seed Corn by return mail, postpaid. Address

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Box 29,
BLOOMINGTON,
ILLINOIS.

The "Book of Corn"
and Free
Seed Samples
Coupon

Funk Bros. Seed Co.
Bloomington, Ill.—

Please send "The Book of Corn" and Free Seed Samples to

Name _____

P. O. _____ State _____

Stock Interests

Community Cooperation in Advancing the Interests of Improved Live Stock.

PROF. D. H. OTIS, MADISON, WIS.

Before the Annual Meeting of the Kansas Improved Stock Breeders' Association.

A careful investigation of the advertising columns of our agricultural papers will impress one with the widely separated homes of the individuals belonging to our various breeds of live stock. If we undertake to purchase a herd of Red Polls or dairy Shorthorns, we find the individual herds of these breeds scattered to the four corners of the earth. In other words, we are unable to locate a Red Poll or dairy Shorthorn center or community but find it necessary to travel many miles in order to inspect the animals offered for sale. What is true of these two breeds is true to a greater or less extent of all breeds of live stock. There is a tendency for a farmer starting with pure bred live stock to get a different breed from his neighbor, instead of getting the same breed and cooperating with his neighbor in advancing the interests of that breed in their community. There seems to be a lack of unity and steadfastness of purpose, if not a lack of enterprise in the breeding, feeding, and marketing of our live stock.

At the present time considerable interest is manifested in getting a neighborhood interested in some one breed of horses, cattle, sheep, or hogs. A study of the development of our improved breeds of live stock show that much has resulted from the breeders in a given community working together. For instance, in England we find many of our leading breeds of live stock developed in local communities. The early development of the Shorthorns took place in the valley Tees, and the Herefords in the county of Hereford. On the islands of Guernsey and Jersey, laws were passed prohibiting the use of any other stock for breeding purposes except the breed belonging to that island. In France, we find the Percheron horse highly developed in La Perche and the farmers and breeders of small means cooperating in order to advance the interest of their favorite breed.

There are many advantages resulting from this cooperation. In the first place, it stimulates the breeders to produce animals of better quality. These stand out as object lessons to the neighboring farmers, thus in time increasing the demand for improved stock in that community. As soon as a community gets interested in one breed of cattle, they become interested in building up a reputation for their county or locality. This cooperation enables the small breeder to get a start and to find a ready market for his surplus males. Where farmers will agree to cooperate it is not necessary to keep a bull, for instance, on every farm unless the herd is large enough to justify the expense of feed, labor, and risk involved. By several farmers clubbing together, putting their money into one superior animal, they will be able to greatly improve the stock of that community without materially increasing the expense. Some farmer centrally located can be designated as the proper person to keep the bull and to receive a fixed sum for his feed and care. A charge (say 50 cents or a dollar for those financially interested in the bull) should be made for each animal bred to cover this expense. After this bull has been kept two or three years and has proved a superior breeder, he can be sold to, or exchanged with one from a similar group of breeders and in this way a valuable animal may be retained in the neighborhood. Where several large breeders or groups of breeders are located near together, it is possible for them to appoint a committee to visit several stock farms and select all the bulls necessary for their community of the same general

type and character. These can be exchanged among the individuals or groups of individuals as often as occasion demands. Take, for instance, a community where Shorthorn cattle predominate. Why should not those interested in Shorthorns, including all who intend to use pure-bred Shorthorn sires gather together, form an association with the determination to drive the scrub bull from the community. In other words, they would bend all their energies in making their community a Shorthorn center, which would attract buyers of Shorthorn cattle because it would give them a chance to select from a large number or to purchase in carload lots. If a buyer goes to a breeder in the community and does not find what he wants, he is referred to a neighbor, or if he wants several animals, he is referred from one breeder to another until he gets what he wants. Usually a buyer is willing to pay more money for animals when he can buy them near together than when he has to pick them up one by one from a large area. Not infrequently it is desirable to develop some special quality, as constitution or prolificacy, in a breed of animals which requires careful selection from a large number of individuals. This is made possible when a community is devoting its energies to one breed. When a good animal has demonstrated his superiority in stamping upon his offspring those qualities which are desirable to perpetuate, he can be retained in the community during the period of his usefulness and selection can be made from a large number of his own get which possess the special qualities desired.

An example of the value of the community working along one line is well illustrated at Lake Mills, Wis., where the farmers and breeders are devoting their energies to Holstein-Friesian cattle. Over \$100,000 worth of grade Holsteins are shipped out of Lake Mills annually. Counting the value of the pure-breds produced, the total income for stock in that community amounts in round numbers to \$200,000 per year. When a scrub cow sells from \$35 to \$45, the grade is selling from \$60 to \$80. Twelve months old heifers are selling as high as \$30 apiece. During a single year from forty to fifty carloads of grade Holstein cattle left this community for Mexico. One buyer is reported to have purchased during the last few years as high as 800 head.

In a similar manner Guernseys are being pushed at Wausau, Wis., where recently a carload of grade Guernseys sold for \$75 per head and another carload for \$72 per head.

An illustration of the power of cooperation in another line is shown in the Wisconsin Experiment Association, an organization formed by the short course graduates of the College of Agriculture. The members of this association unite in their efforts to raise and distribute pure-bred seeds. They have succeeded in spreading over the State a variety of corn that has far exceeded the corn previously grown in Wisconsin. In like manner they have disseminated good varieties of barley, oats, and other feed crops. The organization now numbers 1,200 and is a great power in the State. A young man joining this organization is furnished a small quantity of improved seeds. As soon as he produces more than he wants for his own use, he has an opportunity to sell through the association at good prices for seed purposes. The influence of this association is felt upon the neighboring farms as these young men furnish object lessons for the entire community. When a farmer sees a field of barley or oats that is doing exceedingly well upon the farms of these young men, he begins to inquire where the seed came from and how he can get seed of like quality.

This same power and influence may be exerted with those who handle live stock. If our stockmen will only unite and maintain a steadfastness of purpose, there is no telling what great results may be accomplished. One man may not amount to much by himself but when twenty, thirty, or a

hundred men get together for a definite purpose there is no measuring of their power and influence in a community.

Those interested in the subject matter of this paper may desire to have an outline of a constitution and by-laws which may serve as a basis for an organization of this kind. The constitution and by-laws submitted herewith is a modification of one worked out by the animal husbandry department of the University of Wisconsin after a study of the workings of various breeders' associations in the State. It is offered merely as suggestive and should be modified to meet the needs of the individual association. The constitution and by-laws should be made as simple as possible.

CONSTITUTION.

We the undersigned farmers of — county do join together for the purpose of advancing the live-stock interests of our county (or community).

Article I.—Name. The association shall be known as the — Breeders' Association (or Farmers' Club, if it is desirable to enlarge the scope of the work to include improved seeds and forage crops or other interests).

Article II.—Object. The object of this association shall be to promote the breeding and improvement of high-grade and pure-bred live stock in — county (or counties) and to aid its members in buying, using, and selling first-class animals.

Article III.—Membership. Any farmer in the neighborhood with his wife, sons, and daughters, or hired man interested in the object of the association, may become members, upon the payment of the prescribed annual dues.

Article IV.—Officers. The officers shall consist of a president, vice-president, secretary, and treasurer, elected by ballot, and to hold office for one year.

There shall be an executive committee of three members appointed by the president who shall have charge of the affairs of the club, plan its meetings, arrange its programs, provide speakers and transact any business that may be desired by the club.

BY-LAWS.

Section I.—Meetings. The club will hold its meetings weekly or monthly, as its members may vote from time to time, either at — schoolhouse, or at the homes of the members, as club shall elect.

Persons not members of the club may participate in the exercises, but shall take no part in any business transactions.

Section II.—New Members. Any person upon recommendation of a member and accepted by the executive committee shall become an annual member upon paying the secretary the regular annual fee.

Section III.—Dues. The membership dues shall be —, payable annually to the secretary of the association.

If the funds of the club shall at any time be exhausted, additional funds may be raised by assessment, a majority vote being sufficient.

Section IV.—Amendments. The constitution and by-laws of this club can be changed on one month's notice, by a two-thirds vote of the members present.

Section V.—Rules of order. The usual rules of order for such organizations shall govern in the conduct of the affairs of this club.

In order to start an organization of this kind, it is necessary that two or three interested parties get together, map out a program, arrange a meeting in the schoolhouse or other appropriate place, arrange for one or two pointed talks on the object of the meeting, and then have the farmers vote on what breed or breeds they will decide to push in their community. If the interests are divided and no one breed predominates, it is possible to have two or even three successful breed associations in the county or community.

The improved stock breeders of Kansas have done a great work in educating the farmers of the State to know the value of good live stock, and this educating process must be continued until the scrub bull, the scrub

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Here's an example of Deere High Quality and Deere Durability in our improved New Deere Disc Cultivator which one small illustration can't possibly show you the way 18 large pictures with full descriptions do in our Free Book offered below. That's why we say it pays **Progressive Farmers** like you to send your name and address and get on the Deere Free Mailing List. Pays you in work and time saved—in bigger crops and in making you the best judge of true values in machinery with all latest Deere improvements because we send you all information regularly. Here's a world's standard machine you ought to know about whether you buy one now or not.

Easiest Operated—Lightest Draft—Strongest and Works Best

Not a common, heavy, gray iron castings machine, easily fractured, but neat, simple construction of malleables and steel for lightest draft and longest life. Gangs are angled instantly by lever and rack. Hatchet adjustments make discs work just as you want them to. Unnecessary to take gangs off to change from in-throw to out-throw. Improved bearing spools. Easy riding. Easiest on horses. Foot or lever down. Spring lifts so easy a boy can operate them. Write for all facts—"Mer-Corn" Book and Cultivator Book No. 515, Free.

Deere & Mansur Company
Moline, Illinois



Stock & Poultry FENCE
Many styles and heights; Diamond or Square Mesh, prices low. Sold direct on 30 days free trial, freight prepaid. Catalogue free. KITSLMAN BROS., Box 61, Muncie, Ind.

BROWN PAYS THE FREIGHT
HEAVIEST FENCE MADE
All No. 9 Steel Wire. Well galvanized. Weighs 1 1/2 more than most fences. 15 to 25¢ per rod, delivered. We send free sample for inspection and test. Write for fence book of 133 styles. The Brown Fence & Wire Co., Cleveland, Ohio.

The only fence perpetually taut. The crimp in the wire does it. Can't sag, bulge or loosen from the tie wires. Made of high carbon, crimped, spring steel wire. Never needs repairs.
SHIMER SPRING FARM FENCE
Requires only half the usual number of posts. Agents Wanted in every community to take orders for Shimer fence. Permanent employment. Liberal profit. Write for proposition. Coffeyville-Shimer Fence & Wire Co., Box 235, Coffeyville, Kan., or Spring Steel Fence & Wire Co., Box 235, Anderson, Ind.

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For SULKY, GANG and DISC PLOWS
Ask Your Dealer for "Heider" Eveners, or Write Us
HEIDER MFG. CO.,
Mfrs. of all kinds of Eveners, Ladders, Etc.
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The Old Reliable Anti-Friction Four Burr Mill.
Double the capacity of other mills. 2-horse mill has 24-ft. Grinding Burrs all grinding at once, and grinds from 25 to 50 bu. per hour. 4-horse mill has 80 feet of Grinding Burrs and grinds from 60 to 80 bu. per hour. Absolutely no largest ear of corn to these mills are like pop-corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our famous Iowa No. 2, for \$12.50.
Bovee Grinder & Furnace Works, Waterloo, Iowa.

stallion, the scrub boar, the scrub ram, and even scrub rooster shall be driven from every county in the State. I can conceive of no single movement that will bear greater fruitage than working up a local interest and a local pride in some breed of improved live stock.

The Standard Association Meeting.

EDITOR KANSAS FARMER:—Following is the program for the institute and annual meeting of the Standard Poland-China Recording Association, to be held in the Exchange Building, South St. Joseph, February 11 and 12:

February 11.—"The Most Profitable Market Hog," live and carcass demonstrations, J. J. Ferguson, Chicago, Ill.; "Converging of the Ways," Ted. Morse, Kansas City Breeders' Special; "The Poland-China from a Business Standpoint," A. H. Bowman, Lawrence, Neb.; "Poland-China Type, What It Should Be," Geo. H. White, Emerson, Iowa; "Best Method of Disposing of Our Surplus, Public or Private Sale," C. L. Garrett, Maryville, Mo.; "Care of Breeding Herd," Ben H. Bell, Beattie, Kans.; "Raising Pigs from Farrowing to Weaning Time," Allments and Remedies," Chas. E. Tennant, New Hampton, Mo.; "Keeping Private Record and Recording Stock Promptly," Chas. Morrison, Phillipsburg, Kans.

February 12, 1908, the annual meeting of stockholders will be held. It is the desire at this meeting to get out the stockholders. There are now 849 stockholders, and the meeting place at St. Joseph is in the center of the membership as well as in the geographical center of the hog- and corn-belt country.

By reference to the map and drawing a circle around St. Joseph of 200 mile radius you will see that a like circle could not be made anywhere on earth (without invading this territory) that will contain as much corn and as many Poland-China hogs and in fact as many of all kinds of pure-bred stock as this one contains.

The Standard is the only record now west of Chicago for the Poland-China hog and the only one that is complete in itself, as it is the only one giving the numbers of ancestors in other records as well as its own numbers, thus enabling its patrons to trace their stock to foundation in the Standard alone, hence it is complete in itself.

S. McKELVIE, President.

Portable Hog-Houses.

The economy and ease of construction, as well as the sanitary features of portable hog-houses, are explained fully in an intensely practical bulletin just published by the departments of animal husbandry and agricultural engineering at the University of Wisconsin Agricultural Experiment Station. The bulletin, which is entitled "Portable Hog-Houses," by J. G. Fuller and C. A. Ocock, contains twenty-eight pages, including twenty-two illustrations in which the exact manner of construction of all kinds of portable hog-houses is shown, together with ground plans and elevations of the big building in which the university houses its prize herd.

No other farm animal has been subjected to such uncomfortable quarters as the hog, which is frequently forced to sleep in filth and eat from sour and slimy troughs. The advantages of the portable hog-house are enumerated as follows: It is easily and economically constructed; it is readily moved to any desired location; it is useful alike to the general farmer and the breeder of fine stock; it is the most natural and sanitary of all methods of housing swine. Only the simplest workmanship is required to construct it, and much odd lumber may be utilized. The renter who finds it impossible to provide expensive quarters for his hogs can well afford to build portable houses, as they can be retained as personal property. Where separate paddocks are given to swine of various ages and sex, portable houses are practically a necessity. By using a house which can be moved to a fresh piece of ground unsanitary conditions are avoided. From four to six mature animals, or from ten to twenty shoats are accommodat-

ed by each house. The swine are thus kept cleaner and more thrifty than when allowed to gather in large numbers. Animals showing evidence of disease can more readily be isolated when portable houses are used.

Profitable Cattle-Feeding.

The Missouri Experiment Station at Columbia has just issued a very elaborate and handsomely illustrated bulletin on the most successful methods of fattening cattle, by Dean H. J. Waters.

This bulletin summarizes the experience and conclusions of about 1,000 of the most experienced and successful cattle-feeders of Missouri, Illinois, and Iowa, and contains also a summary of the results of a large number of tests with different kinds of feed, different ages of cattle, etc., conducted by the Experiment Station at Columbia.

It considers such practical questions as the most profitable age to fatten cattle, the proper weight, the best season of the year, the best method of preparing feed, the best sort of shelter, the market demands, the best sort of roughness, etc. It is illustrated with cuts of the different types of beef cattle, including excellent illustrations of the fat steer herd exhibited by the college at this season at the Interstate Fair, Kansas City; the Missouri State Fair, Sedalia; the American Royal, Kansas City; and the International Live Stock Exposition, Chicago. These steers won nine championship prizes, seventeen first prizes, sixteen second prizes, seven third prizes, and two fourth prizes. Every steer won at every show, excepting one steer at one show.

This bulletin is for free distribution and may be had for the asking by any farmer or citizen. The station has other bulletins for free distribution on such subjects as cow-peas, alfalfa-growing, the most profitable way to winter cattle, etc.

Kansas Red Polled Club.

The fifth annual meeting of the Kansas Branch of Red Polled Cattle Club was held at the close of the Kansas Improved Stock Breeders' Association January 8, 1908.

President Blair reported that through the courtesy of the Kansas Improved Stock Breeders' Association he had prepared and read a paper, "The Dual Cow," and was well pleased with its cordial reception. The dual animal is between the two extremes of beef and dairy; therefore requires the greater science to keep from reaching the one way or the other. Though the number of members present was the fewest since its organization, they reported a growing interest, and the breed at home had greatly increased. On account of the small representation, the officers were all unanimously reelected, as follows:

President, Wilkie Blair, Girard; vice-president, Chas. Morrison, Phillipsburg; secretary-treasurer, John E. Hinshaw, Emporia; directors, D. F. Van Buskirk, Blue Mount; C. E. Foster, Eldorado; C. P. Butler, Farmington.

JOHN E. HINSHAW, Sec'y.

The Kinsley Graphic tells of a Percheron-Belgian colt belonging to H. G. Copp, of Edwards County. At 18 months old the colt weighed 1,500

pounds and is spoken of as unexcelled in style. Kansas has a long-standing reputation for light-harness horses. The heavy horse breeders are now getting busy.

Farm Notes.

N. J. SHEPHERD, ELDON, MO.

Improper feeding leads to waste. Scrub sires rarely produce choice stock for any purpose.

Caring for animals means to prevent stuffing as well as starving.

The material value of foods corresponds with their nutritive value.

Next to a good commercial fertilizer wood ashes is one of the best to use with potatoes.

Digestion is best accomplished when all other parts of the body are at rest.

With all field crops one of the essentials of a good yield is good seed.

Feeding economically is supplying the food in such a manner as to insure thorough mastication and indigestion.

Mulching of any kind that shades the soil helps to retain elements of fertility in the soil.

The economy of cultivation consists in obtaining the largest possible amount of products from a given area of land.

Land which is unproductive is not necessarily exhausted, the elements of fertility may lie there in an unavailable form.

The farmer who would take advantage of all conditions must be wide awake and watching for the earliest opportunity.

The men who make the most money on the farm are not the men who work the hardest but those who manage best.

There is nothing that does not repay good care, and the man who fails to give it to farm animals is stealing from himself.

When it can be done it is always best to purchase fruit trees of a good nursery nearest the point where the trees are to be planted.

The elements of fertility both in the ground and in the air are filled for the use of plants by the chemical of the earth and air combined.

Abortion in Cows.

We have been bothered the last year or more all over this country by abortion in our range cows. Nearly half of the breeding cows have lost their calves in this way. Most of the calves have been fully formed and many have lived an hour or two after birth, but were too small and their bones were not hard enough to enable them to make a go of life. The cows seem to suffer no particular harm in losing their calves, fattening up rapidly after the first week or so. Could you give me information through the columns of THE KANSAS FARMER or cite me to some reliable doctor who would be able to help me, as to what to do to stop this contagion? Could some drug or medicine be put in the salt to benefit them? As most of the cattle water at running creeks it would not help many to doctor them by means of the water.

J. F. H. Lakeland, Kans.

Ans.—Call Dr. Cook, Hutchinson, Kans. Probably your bulls and cows will have to be treated and it is impossible to direct you to mix and use the medicine.



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The above valuable book of Rocky Mountain life and information and map will be sent free postage paid to each person who sends twenty-five cents in cash or stamps for a six months' trial subscription to the new weekly farm and ranch paper. It is a large 8-page, 48-column illustrated farm and family paper and will greet you each week for six months. Contains latest market reports, general Western farm and ranch items, land news, brief mining notes, woman's home page, etc. A thrilling story of Western adventure. Ranch and scenery views each week. Not local—the paper is of intense interest to all, no matter where you reside. The editor will answer letters of inquiry about the West.

This is a special limited offer to introduce the new paper and the book described above. Remember, for only 25c you receive the book and map, also the big weekly Western farm paper six months, all postpaid. Clubs of three and three books, 66c, 5 for \$1. This offer limited. Send at once. Cut this out. Mention The Kansas Farmer and address Inter-Mountain Farmer, Station 89, Denver, Col.

Home Departments

CONDUCTED BY RUTH COWGILL.

LIFE'S HERITAGE.

(A metrical version of a conception of life published in the form of a will in Harper's Weekly by Williston Fish.)

In childhood land to dancing step
Goes merrily the day,
In woods and fields in happy sport
Among the flowers so gay,
A mystery every passing breeze
That billows golden grain,
The murmur low of elfin leaves,
The song of falling rain;
A magic, too, in brooklet swift
That breaks on pebbly strand,
That mirrors clear the great white
clouds
Above the shining sand,
And when the evening stars flash out
And constellations flame,
What wonders in the spangled heavens
To speak their Maker's name!

With boyhood comes new train of joys;
Each day a charm unfolds—
To track the squirrel to his haunt
And view the spoil it holds,
To wander idly by the pools
Where fishes dart and gleam,
To listen to the wild bird's note,
The calls of wood and stream;
When soars aloft the butterfly
Where clusters clover bloom,
In swift pursuit of glancing wing
To dash midst sweet perfume,
And when the frost-kiss seals the rills
With shining crystal band,
O'er fettered brook and snow-clad hills,
To roam in Wonderland.

'Tis manhood's part to strive, to dare—
With dauntless men and will,
To hope against hope, to challenge Fate
And by hard days of yore fulfill;
To wrest a victory from defeat
When sounds the bugle call,
To run the race with bounding heart
Whatever may befall;
'Tis manhood builds the altar high
Where burns Home's sacred fire,
To flame afar, a beacon true,
The fainting to inspire,
Within whose light those heroes rise
Who duty's call await,
Whence spring, immortal, love and
faith
To speed the good, the great.

So bounteous hours go laden by,
So glides the kindly year,
When childhood, boyhood, youth have
fled,
Still lingers memory near,
The rose and lily bloom to tell
Of happy days of yore;
And poets sing that men may dream
Of vanished friends once more;
Old age but crowns the gifts of time
As silently it falls,
Its gracious calm attends the step
That moves in twilight halls,
Beloved ones now gather 'round
Their reverent watch to keep
Their benedictions whispered low
As gently cometh Sleep.

Taking Time by the Forelock.

It is said that old father time is bald on the back of his head and if you would catch him you must take him by the forelock. Persons who "take time by the forelock" begin early, in plenty of time, with their work. The farmer and his wife are even now studying the seed catalogues and selecting their seed for the coming spring planting, and planning the garden plats and if they have not already done so are sowing blue grass where there is nothing planted, or enriching with well-rotted manure the lawn already planted. They are putting a stake here and there where there may be planted a tree or shrub or vine, and in other ways planning to embellish and beautify the home surroundings. Many kinds of seed such as tomato, sweet potato, and cabbage may be planted in cold frames, also such flower seeds as cannas, pansies, asters, and all those that may be transplanted in the open ground when danger from frost is over.

The housekeeper is busy with her sewing for the spring and summer when other work will be crowding for attention. Muslin is being transformed into undergarments and bed furnishings, table linen is being hemmed and even dresses are being made. Never have dry goods been sold cheaper than they have for the last month, and those who have taken advantage of the sales have been able to get more for their money than they can in the coming months. The styles in garments are always in advance of the season so that spring and summer clothing may be made as well now as later. Those who take time by the forelock will have time for social intercourse which is so sadly neglected by the farmer and his family. The housewife will use the stormy, disagreeable days for cutting out garments and machine sewing, and lay them away to be finished, and when the pleasant days come take

her sewing and go over to visit her neighbor, where she may exchange ideas and make button holes and sew on buttons and do other hand work. How swiftly the time will fly and how pleasantly. She will not feel the monotony of the work and will return to her home a happier woman and leave behind her one that is equally so. Table linen and darning are good visiting work. Table linen is so much nicer hemmed a narrow hem by hand than with the machine.

The article that appears in these columns this week is a hopeful indication that the farmers are waking up to the realization of their lack of sociability. I refer to the one on "The Importance of social intercourse on the farm." This lack is not wholly on account of isolation but from force of habit. The early settlers were more social than the farmers of the present, because hardships and danger brought them together. Modern improvements, such as telephone, rural delivery, books, and papers should have helped but to the contrary have hindered. Better go back to the old fashioned apple pairings, husking bees, quilting bees, and spelling matches than have this dearth of social intercourse.

Importance of Social Intercourse on the Farm.

BY A FARMER.

A serious fault with farm life is lack of social intercourse. Especially is this true where farms are large. The natural time for social intercourse is the evening, but when the farmer, his wife, and his team are tired, and the time for rising is 5 o'clock the next morning there is not much inclination to start out. These conditions must be overcome. Man is a social animal. He must mingle with his fellows or deteriorate. Where farms are small the difficulty is less serious. Modern improvements are doing much for the farmer in this respect. The country roads are improving and the automobile and the bicycle are never tired.

It seems to me that farmers must systematically attend to these social duties if they are to be happy. I am not speaking of social intercourse for "improvement," but for recreation. If circumstances forbid it of evenings, the time should be taken from the day. The American farmer is among the least social of men. Such social gatherings as occur are mostly left to the young people who, unrestrained by the presence of their elders, are not always decorous. The country "ball" held upon holidays in some public hall, and open to all comers who will pay the fee, is not always a desirable place.

This rather questionable mode of recreation has grown up as the result of rural conditions in this country, and can be exterminated only by a change of those conditions.

Young people will have social enjoyment, and if the way is made difficult to rational methods, they will take other ways. The amusements which from time immemorial have had chief place among the people of all Nations, have been the card table for the elders and the dance for the young. At the present time large numbers of the most excellent people we have are profoundly convinced of the essential immorality both of card playing and dancing, while on the other hand many estimable people, doubtless comprising the majority of the community, believe dancing in itself to be an agreeable and innocent amusement, and that the evil consists in the promiscuous entertainments conducted in public places and open to all, which are common in rural districts.

As to "card playing," some people claim that it is an absolutely innocent recreation, which has proved its acceptability for ages, and in all coun-

tries, and deny absolutely that it has any tendency whatever to lead to gambling. It may not seem clear to all what this has to do with the economic relations of the farmer to his fellows, but the fact is that in many rural districts this question of dancing and card playing lies at the root of rural discontent. The people of most sterling worth set their faces strongly against these amusements in which the rougher element freely indulge. The more headstrong the youth of the better families tends to break loose from home restraints and associate themselves with the rough element to the unquestionable deterioration of their morals.

Youth craves amusement, and will have it. Age really requires it more than youth. The trouble with rural society is not the modesty of its pecuniary rewards, but the grinding, cheerless habit of life. The youth does not drift to the cities so much with the idea of making more money as of having a better time. The remedy for much of the farmer's discontent is more abundant social intercourse in which it is extremely desirable that parents and children should participate together. No one can settle these things but the farmers themselves and their families in the light of their sturdy, common sense, and their regard for themselves and their youth. But, one thing is sure, if rural conditions are to improve, the beginning must be made in its social features. The American farmer does not need to work harder but to play more. He must mingle with his fellows for the mere enjoyment of it, and when gatherings are held they must be so managed that a good time is assured.

Such gatherings do not need promotion in any organized way. Any family can begin a round of visits to other families, which will be quite certainly returned in due time. Or the more formal course can be taken of issuing invitations for an afternoon and evening or for the evening alone. In some way the social conditions of rural life must improve if fathers and mothers are to be contented or the brighter youth to be retained there.

I do not think it an ignoble view of life to consider its main end rational enjoyment, for the highest pleasure unquestionably comes from labor profitably directed, interspersed with suitable recreation, and accompanied by the discharge of civic, social, and religious duties. The importance of the social side comes from the fact that through that we in a great measure shape the lives of our youth. Recreation they will have, and if they deteriorate it will almost certainly be through companionships formed in pursuit of recreation in which parents do not participate. The economic importance of this article grows out of the dangers that render present social conditions the drain of vigor from the farm to the city will be greater than the farming class can endure without impairing its power of survival. The weaker residue left may not be able to sustain themselves in competition with other classes. As the lack of social enjoyment on the farm is unquestionably the main factor in driving boys away from the farm, it is best to frankly recognize the fact. Rational recreation is an economic factor of great power.

The Owners of the Soil.

The man who stands upon his own soil, who feels that, by the law of the land in which he lives, he is the rightful and exclusive owner of the land which he tills, feels more strongly than another the character of a man as the lord of an inanimate world. Of this great and wonderful sphere, which, fashioned by the hand of God, and upheld by His power, is rolling through the heavens, a part is his—his from the center to the sky! It is the space on which the generation before moved in its round of duties, and he feels himself connected by a visible link with those who follow him, and to whom he is to transmit a home.

Perhaps his farm has come down

COMMON SENSE

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to him from his fathers. They have gone to their last home; but he can trace their footsteps over the scenes of his daily labors. The roof which shelters him was reared by those to whom he owes his being. Some interesting tradition is connected with every inclosure. The favorite fruit-tree was planted by his father's hand. He sported in boyhood beside the brook which still winds through the meadow. Through the field lies the path to the village school of earlier days. He still hears from the window the voice of the Sabbath-bell, which called his fathers to the house of God; and near at hand is the spot where his parents lay down to rest, and where, when his time has come, he shall be laid by his children.

These are the feelings of the owners of the soil. Words cannot paint them—gold can not buy them; they flow out of the deepest fountains of the heart; they are the very life-spring of a fresh, healthy, and generous national character.—Edward Everett.

The Young Folks

THE SPELLING MATCH.

Ten little children standing in a line,
"F-u-n-l-y, fully," then there were nine.

Nine puzzled faces, fearful of their fate,
"C-l-l-l-y, silly," then there were eight.

Eight pairs of blue eyes, bright as stars of heaven,
"B-u-s-s-y, busy," then there were seven.

Seven grave heads shaking in an awful fix,
"L-a-l-d-y, lady," then there were six.

Six eager darlings, determined each to strive,
"D-u-t-i-e, duty," then there were five.

Five hearts so anxious, beating more and more,
"S-c-o-l-l-a-r, scholar," then there were four.

Four mouths like rosebuds on a rose-tree,
"M-e-r-r-y, merry," then there were three.

Three pairs of pink ears, listening keen and true,
"O-n-l-y, only," then there were two.

Two sturdy laddies, ready both to run,
"T-u-r-k-y, turkey," then there was one.

One head of yellow hair, bright in the sun,
"H-e-r-o, hero," then the spelling-match was won.

—New Orleans Picayune.

How Shaggy Helped Harold.

BY ELVIRA ANDREWS WEBBER.

Harold opened his eyes a tiny bit. The sun was shining in brightly at the window, but he remembered that this was a holiday and there was no school, so he turned over with his back to the light and was soon lost in dreamland again.

When he woke once more it seemed very late indeed. He gave a bound to the floor, dressed himself and ran down to the kitchen. Every one had breakfasted, and he heard the dishes clinking in the pantry.

"Hello!" called his sister Minnie from the open door, "I'm making rhubarb pies for mother."

"Whew!" whistled Harold.

"Now see, Hal. It takes a cup and a half of rhubarb to a pie and a cup of sugar and an egg and some other things. I've chopped the rhubarb up and there are nine cups. How much sugar do I want to go with it and how many eggs?"

Harold scowled. "This isn't a school day," he said evasively. "I bothered over such nonsense all day yesterday, and I hate it. Give me a bite and I'll bid you good-morning."

"Where are you going?" asked Minnie.

"Out to the woods with Shaggy. You won't see me till dinner time."

"Then you'll want a piece of pie," said Minnie.

"Perhaps," returned her brother wearily.

"Help me then," Minnie persisted. "Arithmetic isn't such nonsense either. When I got as far as this I found I couldn't make my pies without it."

"Rithmetic even in pies!" said Hal; and he scowled and scowled, till from the scowls some wisdom seemed to evolve, and he began: "A cup and a

half of rhubarb? Why, I should call the half a five and put a point before it, and then I should divide nine by one and five-tenths."

"Yes," said Minnie, "but perhaps you'd have to use a lead pencil. I don't like fractions. Let's see," and she puckered up one corner of her mouth and squinted her eyes towards the ceiling; "One and a half cups for one pie would be three cups for two"—then, seeing Hal about to speak, she quickly raised a warning forefinger and continued, "I can make two pies for every three cups of rhubarb, and I have three cups of rhubarb, and I have three times three cups, so I can make three times two pies or six."

She finished with a grand flourish, and opened her eyes wide at her brother in evident wonder that she had reached so quick and correct a conclusion. He, having picked up two or three doughnuts, dashed out of the door with a "Presto!"

Minnie was left to her pie-making, and, regarding it much as she would fancy-work, she got a pleasureable hour out of it and relieved her mother of some labor as well.

In the shadow of the woodland Harold gathered boxberries and meandered from one tree to another digging spruce gum. Then he sat down on a grassy plot in an opening, and watched two sparrows building a nest under the jutting edge of a rock. Finally, the warm sun and the stillness, broken only by drowsy woodland sounds, made him sleepy and he actually tipped over with his hat on his eyes and took a nap.

When he woke, Shaggy was barking lustily at some distance and the boy walked over to see what he had found. It proved to be a woodchuck's hole, and the dog was alternately yelping and pawing ferociously at the entrance to the small creature's underground cavern.

Harold went to aid in the attempt to dislodge him. The dog's excitement increased. He scurried about, now this way, now that. Dirt flew in all directions and stones rolled down the little incline. Still their united efforts were unavailing. This particular woodchuck had been wise in the choice of a location and his fortress was well-nigh impregnable. Harold gave it up at last and took his unwilling way homeward, leaving the dog to solve his own problem. This he did with unfailing pertinacity, working on doggedly through all the afternoon.

Toward night Harold went across the yard with a dish of corn. Through the blackberry bushes he caught sight of a bedraggled creature, tugging wearily across the field a limp burden. Running toward it with a shout, he relieved the victorious Shaggy of his prize—an oversized woodchuck, corpulent from much feeding on fields of rank clover.

The dog received, with many waggings and other tokens of appreciation, the boy's approved epithets and caresses, but under the lamplight Harold began to think it over seriously. Supposing he had stuck to that problem down at school with half as much determination and pluck as Shaggy had stuck to the woodchuck, wouldn't he have solved it long ago? And then the way Minnie had done the pie-example—wasn't there the fragment of a straw, at least, in that? He had gone all over it again out on the knoll under the noontide sun, and now he picked up his arithmetic and turned to the tough little knot that baffled him so.

Minnie shouldn't help him—no, nor his teacher! He would do it himself. All that evening, and the next, he worked away at it with no word for any one. Finally, as bedtime drew near again he went over and sat down by Shaggy in a corner.

"Going to give it up?" said grand-ma.

"Pooh!" said the boy, with an impatient kick, and he stretched himself out with one arm around the sympathetic canine neck. No one disturbed them and twenty minutes later Harold leaped up with a victorious, "Eureka, I have it!"

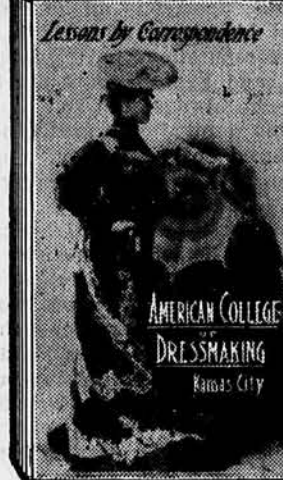
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Many women nowadays are earning \$100 a week—\$5000 a year by dressmaking. One woman, the head designer of Chicago's largest retail dry goods house, earns \$10,000 a year. Salaries of \$25.00 to \$50.00 a week are common. We teach you by mail and put you in a position to command the largest salary of any woman in your locality, or you can start in business for yourself. Become a Graduate Dressmaker. The regular Diploma of this College is issued to all who complete this course of lessons. The American System requires no charts or patterns. These lessons will teach you how to draft your own patterns and make your own clothes and enable you to dress far better at one-half the usual cost. They teach you how to DESIGN, CUT, FIT, MAKE, DRESS and TRIM any garment, including children's clothing. This College is endorsed by all high grade Fashion Magazines—Delineator, Designer, McCall's, Pictorial Review, New Idea Woman's Magazine, Modern Frisilla, Housekeeper, Good Housekeeping, etc. This book will be sent to you free. At an expense of hundreds of dollars this college has published 10,000 of these copyrighted books to advertise the AMERICAN SYSTEM OF DRESSMAKING, and—while they last—will send you a copy FREE. Write for it today. One copy only to each woman.

AMERICAN COLLEGE OF DRESSMAKING
272 College Building. KANSAS CITY, MO.

FOR THE CLUB WOMEN.

Your Own Club Magazine For Only Half Price
THE CLUB MEMBER

Published monthly in Topeka by some of Kansas' brightest club women at 50 cents per year, may now be had with The Kansas Farmer, each for one full year, for only \$1.25. The Club Member is the only magazine of its kind published in Kansas. It is edited by and for club women. It is bright and interesting. Send one dollar and twenty-five cents and receive this Kansas woman's magazine and The Kansas Farmer, each for a whole year. Address

The Kansas Farmer Co., Topeka, Kans.

DIRECT FROM REFINER TO CONSUMER.

FARMERS and ALL OTHERS who use kerosene, gasoline, lubricating oils and greases, WHY do you BUY at RETAIL when you can BUY at WHOLESALE, and SAVE the MIDDLE MAN'S profit? Do you know it is the middle man who FORCES trust made goods on YOU? Do you know it is the merchant or middle man WHO FORCES POOR OILS ON YOU? Do you know WHY HE DOES IT? BECAUSE HE makes a larger PROFIT from these trust made oils and those who make poor slush goods than HE can make by handling GOOD honest GOODS.

The merchant and the middle man cares only for his profit; the poorer oils he forces UPON YOU. DIRECT from the REFINER to the CONSUMER should be your motto. To the people of Kansas, see what we can save you. If your kerosene costs you now at your store 10c per gallon, we can save you 20 per cent to 25 per cent. If it costs you 12c, we can save you 40 per cent to 45 per cent. If it costs you 15c, we can save you 70 per cent to 75 per cent. If it costs you 20c, we can save you 120 per cent to 125 per cent.

DO THESE FIGURES INTEREST YOU? Is not money saved as good as money earned? Do you wonder the merchant or middle man FIGHTS YOUR BETTERING YOUR CONDITION BY BUYING DIRECT FROM THE MANUFACTURER. NOT only do you save from 20 per cent to 125 per cent, but you get BETTER OIL than you ever used before. WE GUARANTEE IT TO GIVE SATISFACTION IN LAMPS OR INCUBATORS OR MONEY REFUNDED. REMEMBER we make axle grease, cup grease, harness oil, harvester oil, castor machine oil, cylinder oil, dynamo oil, red engine oil, cream separator oil, black oil, metal roof paint for bridges, or iron works, poultry disinfectant. WE CAN SAVE YOU FROM 50 per cent TO 200 per cent ON ALL THESE GOODS. You use them all. Do you want to save this profit for yourself, or do you want the middle man to have it. To those living in adjoining States, on account of high interstate freight rates, WE CAN SAVE SO MUCH, but can SAVE SOME and give you the best goods YOU EVER USED.

We can furnish 30 gallon or 60 gallon galvanized iron tanks, with brass faucet, at manufacturer's cost. They will last a lifetime. IF NECESSARY, CLUB TOGETHER, buy direct from Refinery, get good goods, honest goods, and SAVE MIDDLE MAN'S PROFITS. Our Refinery is located on the Santa Fe Railroad. WE MAKE PROMPT SHIPMENT. Send for prices and further information. SAMPLE sent those who WANT TO SAVE THE MIDDLE MAN'S PROFIT. YOURS FOR A SQUARE DEAL. HONEST GOODS AT HONEST PRICES. Address,

THE SUPERIOR REFINING COMPANY, Longton, Kans.

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Minden, Neb.

BOTH PHONES
1349; West.

B. R. BRALL, Sec'y & Mgr.
Kansas City, Kansas.
P. W. GOSSEL, Treas.
Kansas City, Kansas.

CAPITAL STOCK, \$50,000

The Farmers Terminal Grain Co.

Receivers and Shippers of
Grain and Mill Products

Board of Trade Building.

KANSAS CITY, KANSAS.



WRIGHT'S CONDENSED SMOKE

A liquid made from hickory wood. Imparts the delicate flavor that is peculiar to meat smoked with hickory wood. USED BY APPLYING THE CONDENSED SMOKE WITH A BRUSH. Send 10c and names of five who cure meat and we will mail you sample free. Sold only in square quart bottles with metal cap. Never in bulk. At druggists, 75c per bottle. Bottle smokes a barrel.

FREE BOOKLET on curing meats. Be Sure You Get "Wright's Condensed Smoke."
Made by **THE E. H. WRIGHT CO., LTD.**, 112 W. FOURTH ST., KANSAS CITY, MO.

It was down in black and white. Perseverance had won the day and with it came a consciousness of power that was worth a thousand times the answer to his problem. This was his—wholly, utterly his—and what he had done once he could do again. It was his capital for future work. Harold had taken a long step upward.—Congregationalist and Christian World.

Virtue's Working Partner.

A bright girl, belonging to one of the oldest families of a conservative city, carried a beautiful shopping bag. I admired it one day, and she laughingly said: "It came to me in such an odd way. One night, at a dinner, I sat next to an old gentleman who was slightly deaf, and who had lived so habitually alone that he had lost the habit of making small talk. The lady he had brought in to dinner absolutely ignored him, and I pitied him for the lonely look on his face; so, as my neighbor on the other side seemed to be well amused by a friend next him, I tried to chat with the old man. It was no punishment, either, for he knew so many interesting things about the early days of our city, and the early settlers, whose names have now passed into history. Before dinner was over, we had become such good friends that he asked me, as a special favor, if I would go with him the next day to select a wedding gift for a mutual friend.

"Next afternoon, when we had chosen a beautiful piece of china which I knew would charm my friend, we were leaving the shop when Mr. B— said, 'Wait a minute, I have forgotten something.' In a few minutes he came back, and, as he put me into my carriage he handed me a parcel, saying, 'My dear, I should like you to accept this little gift from an extremely dull old man to whom you have been very, very kind.'

"When I reached home I opened the parcel, and found this beautiful bag, which I remembered then, that I had admired among the things shown us by the salesman."

"This time, dear," I said, as I looked at the sweet, animated face, "virtue was not allowed to be its own only reward, and I think I understand why the old man found it a pleasure to play at partnership with that benevolent lady."

It is one of the most beautiful traits in a young man or woman's character—veneration for those who are older. And those who willingly give little, thoughtful attentions and cheery companionship to their older friends, will find it by no means a one-sided affair. The men and women who have lived many years have rich stores of experience, and experience that will prove delightful, and a very real help to interested younger listeners.—East and West.

The Piazza Girl.

"There have been six girls in the office this morning," the dean remarked, glancing keenly at the gray-eyed girl before him, "who have said that they were willing to do anything to earn a little money."

The gray-eyed girl did not flinch. "But I am ready to do anything," she answered with a smile that emphasized the significant word.

The dean turned to his desk and rummaged in one of the pigeonholes. "There are several ladies on the campus who are in need of some one to sweep their walks every day and wash the piazzas once or twice a week. Are you willing to do that? Of course it will not bring you in much, but it is all I have to offer at present."

"I shall be glad to do it," the girl replied. "May I have their addresses? Thank you very much."

The dean, leaning back in his chair, watched his visitor as she crossed the campus. Six other girls had refused the work that morning. "But it remains to be seen whether she does it, after all," he said to himself.

She did do it; every morning for nine days he passed her on his before-breakfast constitutional. She always spoke brightly, with no apparent consciousness of her broom or mop.

"Means what she says, gives honest work, no false pride," the dean thought with satisfaction. Then suddenly the piazzas had a relapse; when two weeks later he met her, he asked about it.

"Oh," she explained, "I'm doing type-writing for Professor Sumner. He asked me if I could do it as well as I could sweep walks, and I told him I could. It is fascinating work—copying the notes of his experiments."

"I've no doubt," the dean declared, "that you intend to perform experiments of your own some day."

"I'm going to try," she laughed.

When he reached that point in his favorite story, the old professor always stopped.

"And did she?" somebody was sure to ask.

"No," he fumed, "she went and married a young upstart of an instructor. She swept his piazza for a while, till he made a reputation, and she copied his notes, and I've no doubt did half his work—he always said so."

"It seems a pity," the sympathetic listener, lured on so far, would probably begin, only to be vehemently interrupted.

"Pity? Where's the pity? What's a pity? She helped a man do his work in the world, and brought up three sons, any one of whom would have washed piazza floors cheerfully to get an education. One is building bridges out West, one is helping build brains in the East, the third is still in college. I'd like to know how a woman could put her education to better use."

Then he would smile and look out across the campus, with its group of girls.

"I used to doubt the wisdom of higher education for girls. The girl who washed piazzas converted me," he would finish.—The Youth's Companion.

The Little Ones

THE RAGGEDY DOLL.

When the nursery blinds are all fastened and tight,
When the curtains are drawn and it's not at all light,
When my mother has kissed me and hurried away
And I hear them downstairs, very busy and gay—
Then the raggedy doll in her calico dress
Comes creepily creep from the nursery press.
She remembers I'm little and lonely, I guess.

O, she never comes out through the sunshiny day.
The fellows and I don't use dolls when we play.
But she waits till the football and bat are asleep
And she picks up her skirts and comes creepily creep.
Does the raggedy doll in her raggedy clothes
With holes in her elbows and holes in her toes
And her sawdust all dripping wherever she goes.

Then the grizzly black bear who hides back of the door
Goes a-slinking away, and the imps on the floor
Who chatter and point till I cover my head
Go a-scampering off. There's quite nothing to dread
For the raggedy doll waves a raggedy arm
To keep little Me safe from all harm
And she climbs in the crib and Mes down, soft and warm.

O, what if she's dirty and really a sight
And exceeding old! She's my comfort at night
As she snuggles beside me so stanch and so true,
With her battered old head close to my head. Have you
A raggedy doll just as loving and dear,
So very untidy and homely and queer,
But quite sure to be round when you need some one near?

—Carolyn S. Bailey.

Pearls.

"Bless your hearts! I thought you were getting tired. They tell me that children get nervous in ten minutes. But I will tell you about pearls. I am sure you know that they are found in oysters. Not such as we eat; but a kind found in the South Seas, and also off the coast of Ceylon, and South America. Away down southeast of the Society group you will find the Paumotu Islands—low, barren places where hardy fishermen live. Millions of dollars worth of pearls have been found there. Queen Victoria bought the finest one—paying \$30,000 for it. How do they get them? The men called divers plunge into the deep wa-

No need of days when you are not at your best. No need of headaches, dullness, irritability. A Cascaret, taken in time, avoids them.

All women need Cascarets.

Simply because they don't exercise enough. They don't eat coarse food, or enough fruit and green vegetables.

Those are Nature's ways for keeping the bowels active. But very few women employ them.

The next best way is Cascarets.

Nearly all the minor ills of women can be avoided by Cascarets alone.

There is no need to have headaches, depression, bad breath, bad complexion.

The remedy is Cascarets.

Not in large doses—unless you wait too long. The best way is one Cascaret at a time—just when you need it.

One every day, perhaps.

It is simply a matter of keeping clean inside, as you do on the outside.

You don't use soap in large quantities, and rarely. You use it frequently, regularly, just as you need it.

Do the same with Cascarets.

Then you are always well, always at your best.

Cascarets are candy tablets. They are sold by all druggists, but never in bulk. Be sure you get the genuine, with CCC on every tablet. The price is 50c, 25c and

Ten Cents per Box

806

ter, gather all the shells they can find in two or three minutes, and come to the surface to breathe. Perhaps they go down ten or twelve times in one day. Hard? Yes, and they don't live long—those pearl divers. Well, they bring up one or two hundred shells, which are opened very carefully, with a blunt pointed knife. Are there pearls in every one? No, indeed! Many have none, and then one may have a hundred small seed pearls, such as are strung and worn for beads.

"Many pearls are bought by wealthy men in India, for they invest much money in jewels. And sometimes they give them to their idols.

"There is an idol made of solid gold in South India that has fringes and necklaces of wonderful pearls, almost beyond price. Wish you had some of them, do you, little girl? But we can help find human pearls down there in the South Seas. Let me tell you of one.

"The island of Ponape, in Micronesia, was another beautiful and fruitful 'ocean garden' some like Fiji. Missionaries begun work there in 1852 and after translating the Bible, the people decided to listen to their teaching, although for a long time they said, 'Ponape people will by and by love Christ, but now now.'

"Hard, lonely years followed, but finally hearts were reached and among the Christians were King Hezekiah and his daughter, the little Princess Obadinah. Girls in those islands are married very young, so, though only fifteen, she was married to a young man named Obadinah. Now she was to be queen after her father's death, and her home was the best in Ponape, and Ponape was a lovely island, but she seemed to hear voices calling for help across the water from the Mortlocks, islands many miles away, whose people were still heathen savages.

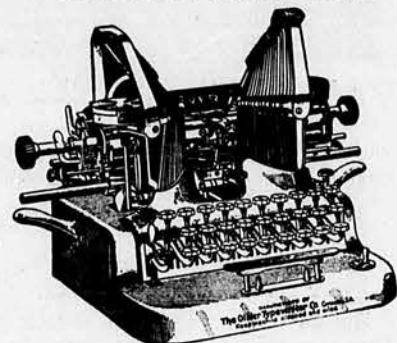
"So she decided that she and her husband must go to carry the light to them. Her father consented, and she left her royal home in 1873."—Circles of Light.

Mrs. Ann Hulsizer recently died in Ohio at the age of 106. In late years she did much sewing, and until two years ago could see to thread her needle. She never wore glasses. She attributed her long life to the constant eating of apples and other fruit.

Manure spread in the spring does not greatly benefit the crop of that year, but it is better hauled out at any time than left in the barn yard.

The OLIVER Typewriter

The Standard Visible Writer



Its Record Has Never Been Equalled

CATALOGUE FREE

The Oliver Typewriter Company

109 W. 9th St., Kansas City, Mo.

Bart. O. M. Bonebrake, Local Agt., Topeka
107 W. Sixth St.

Salesman:—Here's your opportunity to learn the Real Estate business without paying twenty to forty dollars. Certain circumstances enable us to place on the market a limited number of copies of a course of instructions teaching this lucrative business from A to Z and exactly the same, except original cover, as sold the country over at twenty dollars and very highly praised, or money refunded. This course is all in one book. No "Tommy Rot" co-operation about it. Price \$2.25. How this happened is our business, yours is to get the book, so order today if you expect one. Positively no letters of inquiry answered, as this ad. tells the story.

The Graves Advertising Agency,
Graves Bldg., Cleveland, Ohio.



\$50 CASH and \$10 Per Month
buys a \$500 25 acre
poultry, fruit and
vegetable farm. New 3 room cottage like
cut. Best climate, water and markets
in Sunny Virginia. Other lands \$10
acre up. Send for beautiful pamphlet,
maps and rates.

F. H. LA BAUME, A. & L. Agt., Norfolk
& Western Ry., Box E J, Roanoke, Va.

THE LARGEST AND BEST LINE OF
WELL DRILLING
MACHINERY in America. We
have been mak-
ing it for over 20 years. Do not buy until you
see our new illustrated Catalogue No. 41. Send
for it now. It is FREE.

Austin Manufacturing Co., Chicago

HIDES and FURS

Ship them to W. A. Young, Larned, Kansas.

Club Department

Officers of the State Federation of Women's Clubs.

President.....Mrs. Eustace H. Brown, Olathe
Vice-President.....Mrs. C. H. Trott, Junction City
Rec. Secretary.....Mrs. F. B. Wheeler, Pittsburg
Cor. Secretary.....Mrs. Charles C. Shoales, Olathe
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General Secretary.....Mrs. C. O. Goddard, Leavenworth
General Director.....Mrs. W. A. Johnson, Topeka

A SONG OF KANSAS.

Tune "Dixie." Andantino Maestoso.
CHORUS.

We love the name of Kansas
It's true! We do!
There is no name like Kansas
"Kon-zai! Kau-zau!! Kansas!!
She's mine. She's thine,
The glorious State of Kansas.

In the early days of buffalo and Indian
'Twas "desert land," that "white folks
couldn't live in."
So they said. But they're dead,
Who told those tales of Kansas.

CHORUS.

The star of destiny led to Kansas
And Freedom called, and millions came
to Kansas.
"We are here! Do not fear!
We'll save the State of Kansas."

CHORUS.

Indian raids, guerilla warfare
Hoppergrass, and populists for our
share,
Undismayed, unafraid,
We built the homes of Kansas.

CHORUS.

The "corn-fed steer" and his "dairy sis-
ters"
The "helpful-hen" have been our mort-
gage lifters.
Money's free! So are we!
There's "nothing wrong with Kansas."

CHORUS.

The star of destiny still shines o'er us.
Freedom's voice is leading in the cho-
rus.

"Do not fear! We are here
To guard the homes of Kansas."

—Kate A. Applington, Council Grove.
January 9, 1908.

*This line is to be sun fortissimo. It
is a Kansas "slogan"—a rallying cry,
a war cry.

*These are older forms of the name
Kansas. (See Vol. IX Kansas Histori-
cal Collection, pages 523-524.) There
is no doubt that the Kansas Indians
pronounced their own name "Kau-zau"
—hence the abbreviation "Kaw."
This patriotic Kansas song was sung
at the W. K. D. Club meeting. It is
one that should be learned and sung in
the schools of Kansas.

W. K. D. Club.

The meeting of the Woman's Kan-
sas Day Club which was held on
Kansas' birthday, was one of the most
interesting ever held. The meeting
began at 2 o'clock in the afternoon and
after the reports of the officers and
committees Mrs. James Humphrey,
president for the last year, gave her
address, in which she told of the ob-
ject and purposes of the club. Mrs.
W. A. Johnston talked about the
biennial which will be held in Boston
in June. Mr. Homer Hoch gave an ad-
dress of which the following is a
small sample:

"All along the line Kansas must be
described in the superlative degree, in
her history, her climate, her natural
resources, and the wealth which she
annually produces from her fields and
digs out of the ground.

"Kansas is more than a stretch of
prairie and a billowing sea of gold
and a militant army of corn and a
huge rectangle of smiling sunshine.
Kansas is not just a place to live in.
Kansas is a temperament. Kansas is
a thought, an emotion, an impulse, a
living spirit. And what are the domi-
nant traits of this Kansas personality?

"In the first place she is independ-
ent. She was born that way and she
couldn't help it if she wanted to and
she doesn't want to.

"And she is original. No doubt
about that. If Kansas can't think of
something new, no use for anybody
else to try. And while this originality
may have led her at times into long-
whiskered and sockless extremes, it
is the evidence of an abounding life,
it is a guardian against stagnation and
death, and it is the handmaiden of
progress.

"And Kansas is progressive. She
has more intelligence, more bed-rock
morality, more culture of the best
type, and more prosperity to the
square inch than any of the States,
veneer with their snug respecta-
bility, who sit around and poke fun at
her.

"And this is the Kansas that we
love. With a romantic history that
thrills on every page with patriotic
fervor, with a wealth of oil and gas
and mineral of which the country has
not yet learned by half, with its cat-
tle on a thousand hills, with its hatred
of servility, with its spirit of initiation
and progress, with its culture without
caste, with its love for those who live
in the open and wear no garb of affec-
tation—this is the Kansas which woes
and wins the homage of our hearts."

The evening program was very
pleasing. It was Kansas in song and
story. "A Kansas Mother," a story by
Mrs. Cora Wellhouse Bullard was thor-
oughly enjoyed and appreciated by all.
Miss Olive Hackney, of Hill City, en-
tertained the listeners with her well
rendered recitations. Mrs. Jessie
Scott Benton, of Ft. Scott, read an ori-
ginal story, "Dining a Celebrity." She
is a Kansas writer of magazine arti-
cles. Miss Esther M. Clark, of Cha-
nute, recited two of her poems, "The
Call of Kansas," and "The Mother."
Mrs. Eustace H. Brown read in a
simple and entertaining manner a
story written by one of her friends, Dr.
Jessie Thomas Orr. Mrs. May Belle-
ville Brown, of Salina, read "Dreams
of a Desert," and Mrs. Margaret Hill
McCartier read "A Tale That is Told,"
one of her poems. At the close of the
program Mrs. Lee Monroe presented
to the club a picture of Kit Carson, a
gift from Mrs. Henry Inman.

The music, of which I have not
spoken, added much to the pleasure of
the meetings. Kansas has every rea-
son to be proud of her women.

Chalitto Club of Highland Park Enter- tains.

The Literary and Music Circle of
Rossville were delightfully entertained
by the Chalitto Club January 23.
They were met in Topeka by a com-
mittee and escorted to the State
House. There they visited the Histori-
cal rooms and the Legislature which
was in session.

The ladies were then taken to the
pleasant home of Mrs. Theodora Wil-
kie, a member of Chalitto Club, where
a banquet was spread that could not
but please a queen.

After the feast a literary and musi-
cal program was carried out among
which was Mrs. Geo. M. Stones' de-
scription of her travels abroad, giving
a description of Holland and France.
Mrs. Dr. Longshore gave a very inter-
esting description of her visit in Mex-
ico. The music was fine and the la-
dies returned to their homes with
happy memories of the day.

CHETTIE A. HOWARD.

Program.

Responses—Quotations from Lin-
coln.

1. Lincoln as a Farmer.
2. Lincoln in Public Life.
3. Valentine Day.

It being so nearly the time of Lin-
coln's birthday it will be a good time
to refresh the memory with reminis-
cences of one of our greatest states-
men.

1. Lincoln worked on the farm till
he was twenty-one, and a brief sketch
of his life during that time will make
an interesting paper.

2. After Lincoln left the farm he
clerked in a store awhile, but before
long he became interested in politics,
and was associated with public affairs.
This part of his life was more event-
ful and complex, and a paper on this
topic will necessarily involve much
history.

3. Give a short account of the origin
and use of Valentine day, and after-
ward exchange valentines. Home-made
ones are the more appreciated.

After all this man has a pretty sen-
sible idea of the work of a water
witch: "If I engage a water witch to
locate a place to dig a well I should
dig just where he said dig, if it was
where I wanted the well."

"The world gives its admiration, not
to those who do what nobody else at-
tempts, but to those who do best what
multitudes do well."

Treasures Found in Our American Forests.

That our American forests abound in plants which possess the most valuable medicinal virtues is abundantly attested by scores of the most eminent medical writers and teachers of this and other countries. Even the untutored Indians had discovered the usefulness of many native plants before the advent of the white race. This information, imparted freely to the whites, led the latter to continue investigations until to-day we have a rich assortment of most valuable American medicinal roots.

Dr. Pierce, of Buffalo, N. Y., believes that our American forests abound in medicinal roots for the cure of most obstinate and fatal diseases. If we would properly investigate them, and, in confirmation of this conviction, he points with pride to the most marvelous cures effected by his "Golden Medical Discovery," which has proven itself to be the most efficient stomach tonic, liver invigorator, heart tonic and regulator, and blood cleanser known to medical science. Dyspepsia, or indigestion, torpid liver, functional and even valvular and other affections of the heart yield to its curative action.

The reason why "Golden Medical Discovery" cures these and many other affections, is clearly shown in a little book of extracts from the standard medical works which is mailed free to any address by Dr. R. V. Pierce, of Buffalo, N. Y., to all sending request for the same.

To aid in healing old sores, or ulcers, apply Dr. Pierce's All-Healing Salve to them while taking the "Golden Medical Discovery" to purify and enrich the blood.

Dr. Pierce's All-Healing Salve is cleansing and pain relieving. It destroys the bad odors arising from suppurating, or running, sores and puts them in the best possible condition for healing.

The "All-Healing Salve" is a superior dressing for all open, running, or suppurating, Sores or Ulcers. For healing open wounds, cuts and scratches it is unsurpassed.

If your medicine dealer does not have the "All-Healing Salve" in stock mail 50 cents in postage stamps to Dr. R. V. Pierce, Buffalo, N. Y., and you will receive it by return post.

In treating all open sores, or ulcers, boils, carbuncles and other swellings, it is important that Dr. Pierce's Golden Medical Discovery be taken persistently to purify the blood and thereby remove the cause of the trouble. It is in the blood that the great battle of health has to be fought. The ulcer and the sore are simply the scarlet flowers of disease, with roots running down into the blood. These roots must be eradicated or the disease will break out afresh. "Golden Medical Discovery" cleanses the blood of all foul and poisonous accumulations, pushes out the dead and waste matter, and thus purifies the entire life current. Disease in the flesh must die out when it is no longer fed by foul blood. "Golden Medical Discovery" effectively cures disease in the flesh by curing its cause in the blood.

Not less marvelous, in the unparal-
leled cures it is constantly making of
woman's many peculiar affections,
weaknesses and distressing derange-
ments, is Dr. Pierce's Favorite Prescrip-
tion, as is amply attested by thousands
of unsolicited testimonials contributed
by grateful patients who have been
cured by it of catarrhal pelvic drains,
painful periods, irregularities, prolapsus

and other displacements caused by
weakness, ulceration of uterus and
kindred affections, often after many
other advertised medicines and physi-
cians had failed.

Nursing mothers and over-burdened
women in all stations of life, whose
vigor and vitality may have been un-
dermined and broken-down by over-
work, exacting social duties, the too
frequent bearing of children, or other
causes, will find in Dr. Pierce's Favorite
Prescription the most potent, invigorat-
ing, restorative strength-giver ever de-
vised for their special benefit. Nursing
mothers will find it especially valuable
in sustaining their strength and promot-
ing an abundant nourishment for the
child. Expectant mothers too will find
it a priceless boon to prepare the sys-
tem for baby's coming and rendering
the ordeal comparatively painless. It
can do no harm in any state, or con-
dition of the female system.

Delicate, nervous, weak women, who
suffer from frequent headaches, back-
ache, dragging-down distress low down
in the abdomen, or from painful or ir-
regular monthly periods, gnawing or
distressed sensation in stomach, dizzy
or faint spells, see imaginary specks or
spots floating before eyes, have disagre-
able pelvic catarrhal drain, prolapsus,
anteversion or retroversion or other
displacements of womanly organs, from
weakness of parts, will, whether they
experience many or only a few of the
above symptoms, find relief and a per-
manent cure by using faithfully, and
fairly persistently, Dr. Pierce's Favorite
Prescription.

Both the above mentioned medi-
cines are wholly made up from the
glyceric extracts of native, medicinal
roots. The processes employed in their
manufacture were original with Dr.
Pierce, and they are carried on by skill-
ed chemists and pharmacists with the
aid of apparatus and appliances specially
designed and built for this purpose.
Both medicines are entirely free from
alcohol and all other harmful, habit-
forming drugs. A full list of their in-
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Dr. Pierce's Pleasant Pellets cure con-
stipation. Constipation is the cause of
many diseases. Cure the cause and you
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The Kansas Farmer,
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Dairy Interests

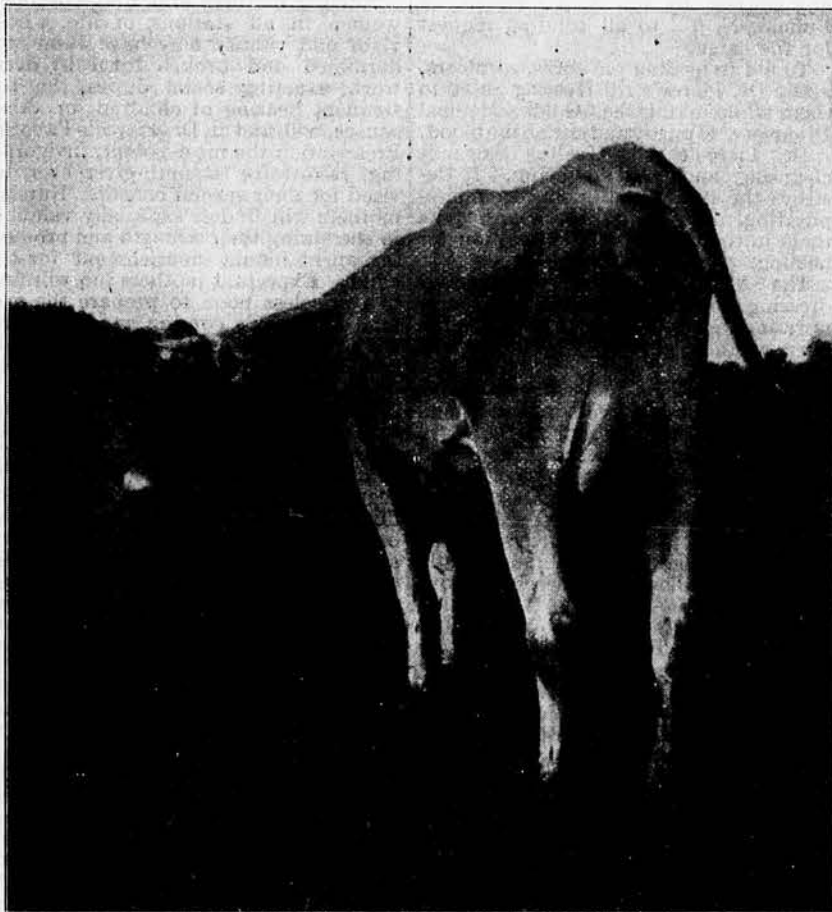
Breaking Heifers to Milk.

OSCAR ERF.

It is a very difficult matter frequently, to break a heifer to milk so that she will become gentle thereafter. This depends largely upon the person that is handling her. Kindness and gentleness are of supreme importance in this particular instance. It is frequently wise before calving, to become acquainted with the heifer and to handle her. Pet her frequently and rub the udder, and if possible go through the operation of milking. Frequently such heifers, well trained, are not difficult to milk after calving. It is a wise plan to apply vaseline to the teats of the heifer in 15 or 20 minutes before milking for the first time. After rubbing it thoroughly wipe the teats perfectly dry with a dry, soft cloth, and apply again. Do this for eight or nine milkings and you will find that it will greatly assist

Quoting from S. Hoxie, Mr. Houghton further said:

"Two opposite tendencies are manifest in the handling of every improved breed of cattle—one toward degeneration, the other toward further improvement; the former is brought about by illiberal feeding and unskilful selection and breeding; the latter by wiser management and better methods. This system is designed to specially encourage the work of improvement. It gathers the records of the great cows of the breed and proposes to gather descriptions and measurements of its most valuable bulls as well as cows. The value of these records must increase with time and the increasing popularity of the breed. The great breeders of England have always based their herd-books on selection. The same is true of the Holland breeders. No animal is received to their herd-books unless personally examined and measured by an expert and declared to be of special merit. This examination takes place after a cow is in milk, or a bull has produced offspring. Furthermore, public interest in a breed can only be maintained by con-



Sultana's Tipsey 196884 A. J. C. C., the Jersey heifer owned by R. J. Lin-scott, Holton, Kans. Her full sister took first premium and sweepstakes at the Kentucky State Fair in 1906. She carries the blood of Golden Lad, Sultana, Bisson's Belle, Stoke Pogis, and other St. Lamberts. See advertisement.

in handling the heifer. The udder is usually swollen and the skin is distended and sore, and by the application of this vaseline it softens it and makes it more pliable and hence, it is not so painful to the udder. A little precaution in this line is a great help.

The Meaning of "Advanced Registry."

Persons interested in dairy cattle have known that the Holstein-Friesian association has for several years kept a special registration of animals of special merit. This is called the "Advanced Registry."

In an address delivered before the American Breeders' Association at its annual meeting at Washington, D. C., on January 28, F. L. Houghton, secretary of the Holstein-Friesian Association of America, presented an interesting showing of the purposes and methods of the Advanced Registry. This was, in part, quoted from addresses of prominent breeders, but endorsed by the secretary it becomes official. Mr. Houghton said, in part:

"This system was inaugurated in 1885 and, under the rules then promulgated, was more or less used by breeders up to 1894, when by the adoption of various features the attempt to secure measurements of the animals entered, practically ceased and reliance upon performance alone was made the requisite for admission."

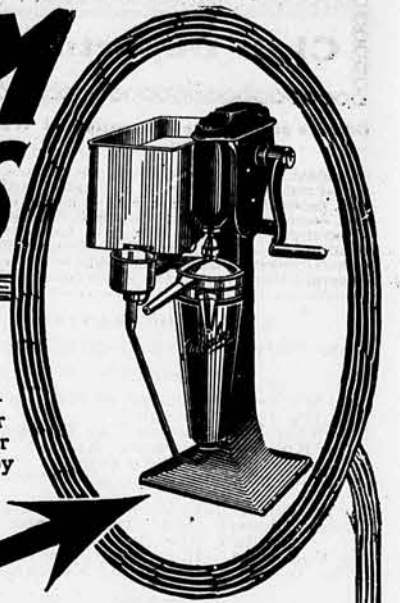
stant selection—either by breeders personally or through the methods of an association of breeders.

"The selection of bulls for Holstein-Friesian Advanced Registry is made in two ways. The first through breeding and structure. This requires that a bull to be eligible shall be the offspring of an advanced registry cow, or the full brother of two such cows, or the half brother of four such cows. His superiority as a stock-getter must be shown by at least three of his get and he must be able to scale in the judgment of the examiner at least eighty points of the Scale of Points of the Association, and be capable of weighing at 5 years old, in good flesh, at least 1,800 pounds.

"The other way is through the official records of daughters. The Superintendent of this system is required to enter all bulls, living or dead, four or more daughters of which have made official records. This he must do whether application for entry is made or not. Such bulls are regarded as specially valuable, and a proposition has been made to name them 'Standard Bulls.'

"The selection of cows for this registry is largely based on records of milk and butter production. The rules fix minimum requirements for every day of age from 2 to 5 years. To accommodate different classes they provide two milk records, either of which

CREAM PROFITS



If you are selling your whole milk to the Creamery you are not getting as much profit from your cows as you should. In fact you are losing 50 per cent. Without increasing your feed bills one penny or milking another cow you can double your cream profits. This is demonstrated by thousands of dairymen and farmers every day in the year.

The Sharples

Tubular Separator

gets all the cream in the milk—it skims out every cent of profit, so that you can turn it into cash. Here's one letter that tells the story of how to double your cream profits:

Union Mills, Ind.
GENTLEMEN:—We have a Sharples "Tubular." Before we bought it, we had been selling our milk to a creamery at Union Mills, getting not more than \$8.00 a month, but since we have the Tubular, we have been getting twice more, and are so satisfied with the Tubular.
MRS. JOHN C. MILLER

Such proof as this ought to convince you that a "Tubular" will be a money-maker for you. The extra profit will soon pay for the separator while it will keep right on earning these big profits for years. Write today for our new catalog and free copy of that valuable book, "Business Dairying." Ask for book No. 165.

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After sixteen years of successful business, the Lincolnville Creamery Co. has reached the conclusion that the best creamery method is to go direct to the producer and give him the profits or saving that is made by cutting out the cream-buyer and roadman with his big expense. This expense should be a profit, and belongs to the producer. So we are going to give you Kansas City top for your cream delivered to Lincolnville, Kans., which will make you about two cents per pound more money. Your check is returned to you the same day the cream is received.

Give us a trial shipment and be convinced.

THE LINCOLNVILLE CREAMERY CO., Lincolnville, Kans.

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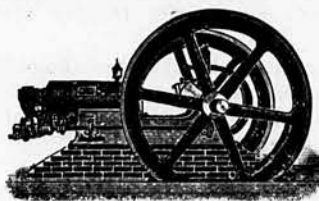
An Invaluable Feed in the Developing of Young Stock.

A Bone Maker, A Muscle Developer, A Flesh Producer, Prevents Scouring in All Kinds of Young Stock.

Oat Nutriment is a cooked product of our cereal mill and is guaranteed to contain no drugs. It contains 20 per cent of Protein and 8 per cent of Fat. Stock breeders will find its use invaluable in fitting their show herds. Price \$1.90 per hundred, F. O. B. Atchison. Special prices on car lots.

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Exclusively BENSONIZED BRONZE bearings. EASY starting, SELF cleaning electric igniter. The result of 30 years' experience. Write for catalog K.

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If you want to put a little money where it is absolutely safe and will yield from 20 to 25 per cent per annum, write for full particulars to

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HELP THE COWS
Even the best cows can't make big profits for the dairyman who persists in using pans or rocks or a poor skimming separator. Cream is cash, and if yours is just an "average" herd, then how much more necessary to skim out every drop! Why not help the cows boost your profits by skimming their milk with a reliable **UNITED STATES SEPARATOR**

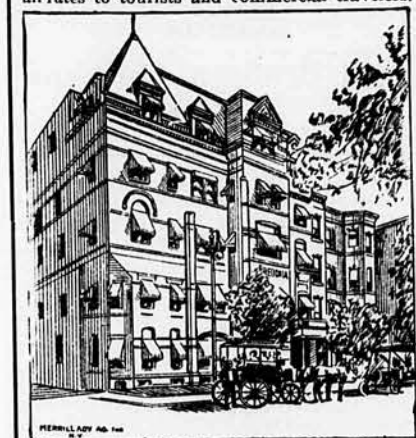
SKIMS OUT ALL THE CREAM



HOLDS WORLD'S RECORD

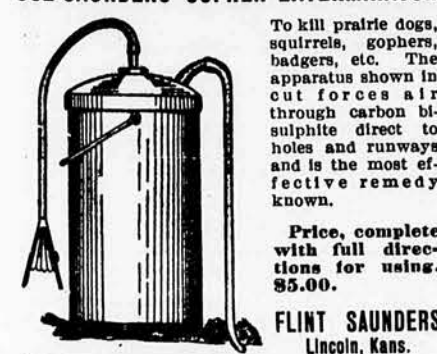
A cream separator is an acknowledged necessity to profitable dairying, but before you buy why not look very carefully into the matter and buy the best one at the start? It's cheapest in the long run. We'll gladly send you, FREE, an illustrated book, telling what a separator can and ought to do. Please write us today "Send your book No. 91." **VERMONT FARM MACHINE CO.** (481) Bellows Falls, Vermont

Stop at The **FREDONIA Hotel**, 1321-1323 H St., N. W. Washington, D. C. American Plan, \$2.00 per day and up. European Plan, \$1.00 per day and up. In the center of everything. Cuisine and service unsurpassed. Electric lighting, modern improvements. Special rates to tourists and commercial travelers.



Send for booklet. W. M. W. DANENHOWER, Prop.

USE SAUNDERS' GOPHER EXTERMINATOR



To kill prairie dogs, squirrels, gophers, badgers, etc. The apparatus shown in cut forces air through carbon bisulphide direct to holes and runways and is the most effective remedy known.

Price, complete with full directions for using, \$5.00.

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Lincoln, Kans.

AUTOMOBILE FOR SALE

A five-passenger, side-entrance, 20 H. P. Touring Car, 1907 Model, slightly used but in good condition. This car is made by one of the best concerns in the country, and bears the manufacturers' guaranty. Speed 45 miles per hour and a good hill climber. Address, **R. V. McMILLAN**, Box 87, Detroit, Mich.

VARICOCELE

A Safe, Painless, Permanent Cure GUARANTEED. 30 years' experience. No money accepted until patient is well. CONSULTATION and valuable BOOK FREE, by mail or at office. **DR. C. N. COE**, 915 Walnut St. Kansas City, Mo.

will admit to entry, one for a continued period of ten months; the other for two short periods of ten days each, one of which must be made after eight months' milking. The rules also provide two other records, either of which will also admit to entry, one of butter-fat, the other of butter made by the churn.

"If calving at 2 years old or under 2 years, the requirement of a cow is not less than 6,500 pounds of milk in 10 months; or 354 pounds and 118 pounds in periods of 10 days each, the latter eight months from calving; of butter-fat, 7.2 pounds in a week; of butter by the churn, 9 pounds in a week. If calving at just 3 years old the requirement is not less than 7,900 pounds for the long milk period; or 432 pounds and 144 pounds for the short records; for the butter-fat record, 8.8 pounds; for the butter record by the churn, 11 pounds. If calving at just 4 years old the requirement is not less than 9,300 pounds for the long milk record, or 511 pounds and 170 pounds for the short records; for the butter-fat record, 10.4 pounds; for the butter record by the churn, 13 pounds. If calving at just 5 years old the requirement is not less than 10,700 pounds for the long milk record, or 589 pounds and 197 pounds for the short records; for the butter-fat record 12 pounds; and for the butter record by the churn, 13 pounds. Every day of age from 2 years to 3, from 3 to 4, and from 4 years to 5 increases these requirements as follows: That of the long milk record, 3.83 pounds; of the short milk records, the first .21 of a pound, the second, .07 of a pound; of the butter-fat record, .00439 of a pound; and of the butter record by the churn, .00548 of a pound.

"Every such record must be attested under oath by all persons who are associated in making it. If description and measurements of the cow are entered with it, the inspector is required to certify, in case the record is not official, that, in his judgment, she is capable of its production. If a private record, and it reaches 18 pounds of butter-fat, or 22½ pounds of butter, the superintendent of this registry is required to proceed to further investigate it by a retest of 24 hours. "The conditions of this class of official records are: (1) They must be made under the personal, critical, and official supervision of representatives of State experiment stations; (2) they must be made by using the scales and the Babcock test, or other method approved by the association of agricultural colleges and experiment stations; (3) they must invariably be for periods of not less than seven consecutive days; and (4) such a record must be confirmed by the affidavits of the owner of the cow, the milker of the cow and official supervisor of the test, vouched for by the officer of the State experiment station under whose direction the test was made and the record produced.

"Their value lies in the fact: (1) That they are unquestionably reliable; (2) they discover valuable strains of blood hitherto unknown; and (3) they lead to the employment of the richest and most productive strains to improve the dairy cattle of our country.

"Retests are sometimes made to confirm such records. The superintendent of Advanced Registry is authorized to order such retests and to reject records that, in his judgment, fall of full confirmation. He may require the services of two representatives of the station in making a retest, that the cow may be kept constantly in view of one or the other of them for at least 24 hours or more during the retest.

"The association is annually appropriating large sums of money to encourage the making of these records. At the present time it is offering a series of cash prizes, ranging from \$10 to \$40. They are for cows classified according to ages, as follows: (1) Cows 5 years old or over; (2) cows 4½ years old and under 5; (3) cows 4 years old and under 4½; (4) cows 3½ years old and under 4; (5) cows 3 years old and under 3½; (6) cows

\$15.00 More Profit



From Each Cow can be made Each Year by the use of the

Great Western Cream Separator

There Are Several Kinds of Cream Separators

All The Best?

No Separator is best, or even good, unless it has these 16 points of superiority:—

1. The ability to get all the cream from the milk under all conditions of the milk, warm or cold, fresh or stale.

2. Ball Bearings—not bearings formed by holes bored through cast iron frames.

3. Ball Bearings which have adjustments to take up for wear, not cast iron bearings which have no provisions to overcome the wear.

4. Ball Bearings made of the highest quality of crucible, specially hardened steel—not cast iron or Babbitt, which soon wear out and are very expensive to repair.

5. Ball Bearings in which there is practically no friction, making the machine run very easily—not cast iron bearings or Babbitt bearings which have much friction, causing the machine to run very hard.

6. Low Supply Tank, easy to fill—not a high tank requiring a box, chair, or step ladder to fill it.

7. Low Supply Tank, easy to fill—not a high tank where the milk is spilled in filling, which means loss of milk, ruined clothes and grease spots on the floor.

8. Low Supply Tank, with gears and all, down close to the floor—not high tank and all working parts high up in the air, making a top-heavy and wobbly machine.

9. High Crank, in the most natural position for easy turning—not a low crank that doubles you up like a jack knife to turn the machine.

10. Self Oiling—not one that has five or ten oil holes to look after, some of which may be overlooked or get clogged, preventing the wearing part from receiving oil and which then soon cuts out, causing expensive repairs.

11. 2½ years old and under 3; (7) cows under 2½ years old. There are 138 such prizes—48 for 30-day records and 90 for 7-day records; only three in each division can be awarded to a single breeder—hence a wide distribution of prizes among the contestants.

"Condensed reports of official records are sent monthly to a large number of agricultural journals and to breeders who request them. These reports give the names of the cows, their herd-book numbers, days from calving to commencement of records, number of pounds of milk, number of pounds of butter-fat and the equivalent pounds of butter at 85.7 per cent. of a pound of fat as found in the milk for a pound of butter."

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Some of the choicest lands for grain growing, stock raising and mixed farming in the new districts of Saskatchewan and Alberta have recently been opened for settlement under the

REVISED HOMESTEAD REGULATIONS

Entry may now be made by proxy (on certain conditions), by the father, mother, son, daughter, brother or sister of an intending homesteader. Thousands of homesteads of 160 acres each are thus now easily available in these great grain-growing, stock-raising and mixed farming sections.

There you will find healthful climate, good neighbors, churches for family worship, schools for your children, good laws, splendid crops and railroads convenient to market.

Entry fee in each case is \$10.00. For pamphlet "Last Best West," particulars as to rates, routes, best time to go and where to locate, apply to

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Perfectly Flushing Bowl, one that all the cream flushes out of at the end of each skimming—not one that has a lot of cream adhering to the parts of the bowl or which is left in the bowl and goes out with the skimmed milk and is lost.

A Bowl that always takes the whole milk, not one that takes the milk sometimes, and sometimes lets it run on the floor instead of into the bowl.

A Self Draining Bowl that discharges all the skimmed milk into the milk spout as soon as the bowl stops—not one that runs it on the floor or into the gearing of the machine.

A Self Draining Bowl that is easy to clean—not one that retains all the skim milk, dirt, etc., in the bowl, requiring extra labor in washing.

Gears and all working parts enclosed—not one with gears or bowl or any moving parts exposed to take off fingers, chew up clothes, or catch dirt, dust, grit and sand, causing them to wear out quickly.

A Base to catch all the oil or milk spilled by accident in skimming—not a base that allows them to fall on the floor, making unsightly grease spots and labor in cleaning.

The GREAT WESTERN Cream Separator has all the above good features and many more, which you will quickly see and fully appreciate when you use one.

The GREAT WESTERN, The World's Best.

There is no other "just as good" or "nearly as good." Ask your dealer about the

Great Western

Don't let him substitute one that he says is just as good. Insist on having

The World's Best, The GREAT WESTERN.

The Great Western will cost you just a little more than any other, but for every dollar extra that it costs, you will get \$5.00 more in value.

The difference in cost will be more than made up in the extra cream you will get and again in the repairs in a short time. Besides this, you will always have a machine ready for business. It won't be at the factory from one to five weeks each year for repairs, during which time you are losing cream and suffering much inconvenience.

Ask for our catalogue. It tells you about the characteristics of the prominent breeds of cattle; their milk, of what it is composed, the changes that take place in souring; just why and how it sours; why you cannot get the cream when it sours; why good butter cannot be made from cream collected from sour milk. It tells the whole secret of milk and cream separation, many points that you have been wanting to know for years and which would have been worth many hundreds of dollars to you. It shows why and how you are losing \$15.00 or more on each cow you are milking if you are separating the milk with any panning process, and how the GREAT WESTERN Cream Separator makes and saves this money for you. It tells you the value of milk for feeding purposes and how to feed it to secure this value.

It will be mailed to you free. Write just these words on a postal card or in a letter:

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Dr. Miles' Anti-Pain Pills relieve pain—not only once, but as many times as it is necessary to take them. Many persons who suffer from chronic ailments find in them a source of great relief from the suffering which they would otherwise be compelled to endure. Their soothing influence upon the nerves strengthen rather than weaken them. For this reason they seldom lose their effectiveness.

"I am 62 years old and have suffered for 42 years from nervous troubles, rheumatism and neuralgia, palpitation of the heart, shortness of breath, sleeplessness, and pain around the heart. The Dr. Miles Anti-Pain Pills have been a blessing to me. I don't know what I should do without them, and they are the only remedy I have ever used that either did not wear out in less time than I have been using them, or else the injurious results were such that I would be obliged to cease their use."

MRS. S. C. ROBINSON,
27 Carter St., Chattanooga, Tenn.
Dr. Miles' Anti-Pain Pills are sold by your druggist who will guarantee that the first package will benefit. If it fails, he will return your money. 25 doses, 25 cents. Never sold in bulk. **Miles Medical Co., Elkhart, Ind.**

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THE ONLY ROTARY BARB MADE, DURABLE, STRONGEST, MOST EFFECTIVE, AND HUMANE.

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BARRED PLYMOUTH ROCKS—Bright and Waltham strain. Some good cockerels for sale; eggs in season. Mrs. James Pringle, Elmdale, Kans.

WHITE ROCK COCKERELS scored or un-scored. I have good ones sired by the best birds in the state. Prices, \$2 to \$6. Yours for business. G. S. Hutchens, McPherson, Kans.

CLOSING OUT SALE of Bearman's White Rocks at bargain prices. 35 Barred Rock cockerels, \$2 to \$5; America's best strains females, \$1.50 to \$2. Eggs, \$2 per 15; \$5 per 45. Write soon. Chris Bearman, Ottawa, Kan.

WHITE ROCKS ONLY—The winners of 8 of the possible 10 blue ribbons at the Kansas State Shows of 1907 and 1908. You make no mistake by starting right. Stock and eggs for sale. Mrs. Mary Noland, Hennessey, Okla.

FOR SALE—B. P. R. Royal Blue Strain. Some choice cockerels from \$3 to \$5 each; also some pullets. Write for prices. Mrs. Walter Bond, R. 14, Rossville, Kans.

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BARRED ROCK cockerels and pullets for sale from high scoring birds \$1.00 and up. Write your wants. Mrs. W. A. Schreier, Argonia, Kans.

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CHOICE BARRED PLYMOUTH ROCKS a specialty. Also several other varieties. Write your wants. Circulars free. A. H. Duff, Larned, Kans.

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FOR SALE.

Pure-bred Barred Plymouth Rock cockerels by prize winning birds, \$1.00 to \$1.50 each; all same breeding; farm range. A. C. MERRITT, Hillcrest Fruit and Poultry Farm, North Topeka, Kans. Ind. Phone, 4851.

Miller's Famous Barred Plymouth Rocks

If you want a fine cockerel from my prize-winning strain write me at once. I have a fine lot and they won't last long. Prices \$1.50 up. Satisfaction guaranteed. A. H. Miller, Bern, Kans.

BARRED WHITE ROCKS

My stock of White Rocks for sale at reasonable prices. Thirty-five cockerels, early hatched of best American strains, \$2.50, \$3, \$4; females \$1.50, \$2; trios \$5 and \$7; pens \$10 and \$15; eggs \$2 for 15, \$5.00 for 45. Incubator eggs from best yards \$3 for 100. Eighteen years experience. Chris Bearman, Ottawa, Kans.

White Plymouth Rocks
EXCLUSIVELY.

For 16 years I have bred W. P. Rocks exclusively, and have them as good as can be found anywhere. I sell eggs from first-class, high scoring stock at live and let-live prices. \$2 per 15, \$5 per 45, and I pay the expressage to any express office in the United States.

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ROSE COMB White Leghorn cockerels \$1.25 each Eggs in season. C. W. Howard, Stamford, Nebr.

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PURE BRED Rose Comb Brown Leghorn cockerels for sale. Eggs for hatching. Write for prices. Mrs. John Holzhay, Bendena, Doniphan Co., Kans.

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S. C. Brown Leghorn eggs for hatching from pure-bred, high-scoring birds, at 75¢ per sitting of 15 eggs. Special prices on incubator lots. A few cockerels left going at \$1 each. L. H. Hastings, Quincy, Kans.

STANDARD-BRED S. C. Buff Leghorns founded by stock of prize-winners of Chicago and St. Louis World's Fairs, and have taken first wherever shown. Stock for sale; eggs in season from pens scoring 90 to 95. No. 1 pen, \$2.50 for 15; No. 2, \$1.30 for 15. S. Perkins, 801 E. First St., Newton, Kans.

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S. C. W. LEGHORNS and B. P. ROCKS Know what you buy in S. W. Leghorns and B. P. Rocks. Every bird we use for breeding or offer for sale has been scored by Judge C. H. Rhodes of Topeka. Send for catalogue and prices. The Eleanor Fruit and Poultry Farm, A. Oberndorf, Prop., Centralia, Kans.

BLACK LANGSHANS.

BLACK LANGSHAN COCKERELS—\$1.50 and \$2.00. O. S. Allen, 729 Horn St., Topeka, Kans.

BLACK LANGSHANS—Extra fine. Cockerels \$1.50, pullets \$1. Mrs. Geo. W. King, Solomon, Kans.

BLACK LANGSHANS FOR SALE—Fine farm-raised stock. Also Toulouse geese. Write for prices. G. H. Hutley, Route 2, Maple Hill, Kans.

PURE-BRED WHITE LANGSHANS for sale. Hens \$1.25, pullets \$1 each; also a few Silver Spangled Hamburg cockerels. Mrs. John Cooke, Greeley, Kans.

Tenneholm Black Langshans of Superior quality. Some cockerels with scores of 98½ to 94½, cut from ¼ to 1½ for weight. Write for prices on birds and eggs.

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CONDUCTED BY THOMAS OWEN.

Poultry Notes.

A subscriber from Florence, Kans., writes: 'I have watched your poultry columns for a Buff Rock advertisement, but have not seen one. If you can tell me in the next issue whom to address, I will appreciate the favor. I wish to purchase a Buff Plymouth Rock cockerel.' While we would like to accommodate our subscriber, it would be obviously unjust to the advertisers of this journal to give the name of a Buff Rock breeder publicity without him paying for it, the same as the other advertisers do. Buff Plymouth Rock breeders, as well as other breeders, who do not advertise in THE KANSAS FARMER should get a move on them, if they want to sell their stock, and advertise the same in this great moral journal.

A subscriber from Phillipsburg, Kans., sends this inquiry: "Will you please publish in the next issue of your paper the colorings of a Single Combed R. I. Red cockerel and hen? Will a few white feathers spoil an otherwise fine colored and fine built bird, and how do you judge them?" We have frequently stated in these columns that the descriptions of all Standard breeds of fowls is published by the American Poultry Association in a work called the Standard of Perfection. This is a copyrighted book and we are not allowed to publish anything from it verbatim without being liable for infringement of copyright. However, we can tell this subscriber that white feathers in the plumage of a S. C. R. I. Red cockerel is a great detriment to it and should not be bred from. One or more entirely white feathers in the outer plumage is a disqualification and the judge at any show would refuse to pass on such a bird. The general surface color should be a rich, brilliant red. Black is allowable in the wings and tail feathers.

The season for hatching chicks will soon be here and every careful poultryman will see that his pens are properly mated so as to be prepared for business when the hens commence to get broody or the incubator is ready for business. We have found by long experience that the earlier broods of chicks do better than the later hatches. Whether it is because there is more vigor and vitality in the parent stock early in the season, or for other causes not known to us, the fact remains that the earlier the hatch the more hardy and vigorous will be the chick. In some seasons, however, there comes a cold snap after the first broods of chicks are hatched and nips them, so as to retard their growth. In such times the second hatches may fare better and having no retarding cold spells may outgrow the first hatch of chicks. But for all that, the rule is the earlier the hatch the stronger the chick, but one has to be a little more careful of them than he would of chicks hatched after the weather has become settled. It pays, however, to take extra good care of the early hatches. If wanted for broilers, the chicks will get to a good size many weeks earlier than others and bring proportionate higher prices. If wanted for show purposes in the fall and winter, it is only the early hatched chicks that will come up to weight. Therefore, get out your chicks early, feed them well and regularly and take care of them during sudden storms or cold spells and you will be well repaid for your extra labor and trouble.

Incubators.

EDITOR KANSAS FARMER:—It is time to be looking up the incubator. I am so pleased with what I used last year that I feel like letting KANSAS FARMER readers know about them, as they are both advertised in THE KANSAS FARMER. All should be interested in them

as it is the advertisers that help to give us all such a good paper. The Chatham, made by the Manson-Campbell Company, is a good one. It uses very little oil, keeps the heat very regular, and it is a good hatcher. It is no trouble to follow instructions. The Successful, made by Des Moines Incubator Company, is another one that I use, and I find it all one wants. Both incubators are the best and the prices are reasonable. I use the hot air kind as I find our water will coat the boilers. I had a hot air make that had cloth top and it choked up with dust and spoiled the hatch.

I expect all incubators one finds advertised in THE KANSAS FARMER are the best, like everybody's gun, but we have our own opinion to work out. I prefer hot air in incubators but for a brooder I want hot water. I have used incubators for over ten years, and I have found new ones always make the best hatches. To keep the incubator up in hatching it needs to be well aired in the sun after each hatch, say for two or three days.

The best place to run your incubator is in a cellar half above the ground, but beware of a cellar under the ground. You can not get enough pure air. I built one on purpose and thought I was fixed as I got an even temperature, but I had to leave it as I could not get pure air. I am using a room lined with heavy paper and a roof packed with building and corrugated paper, then shingled; it has no windows of glass but heavy duck. After I am through with hatching I use it for half grown pullets and it is there I get them to lay at 5 months old. I have added a scratch shed for them this year.

It is ones task to raise lively chicks and a larger one to get laying pullets. I can raise pullets in yards that lay two months sooner than the same do out on free range. Yarded hens lay over two hundred eggs a year, with proper feeding. The same on free range hunting for bugs and fed corn and wheat will not lay one half.

MRS. B. R. BUFFHAM.

Roswell, N. M.

Roup—Cause, Prevention, and Cure.

EDITOR KANSAS FARMER:—A great deal is being said in regard to cold, catarrh, roup, and diphtheria among chickens. A great many people are asking through different papers the cause, while still other queries come as to the preventive and a cure. I wish to say that they are all materially the same, starting with the same cause, and if the case is curable it can be cured by the same treatment. I have had very little trouble in this line since I learned a preventive.

In the first place see that the birds are all in first-class condition, as you will always note that the weaker birds are always victims of any disease. The next step is proper food. See to it that no musty or spoiled grain is fed as they are a sure source of trouble. Our poultry houses for the winter should be well ventilated, see that there are no places for draft in the sleeping quarters; also that the roof is good so that the house may be dry in the dampest weather.

It is also well to put two tablespoonfuls of disinfectant in the drinking water twice during the winter—that is, two tablespoonfuls to each gallon of pure water. The disinfectant is made as follows: One pound common copperas put in one gallon stone jug; fill with water to almost the top, then to this add one-half ounce oil vitrol, then finish filling the jug. Keep this out of the reach of children and use when needed. This is a preventive as well as a cure.

If you already have roup in your flock put this in all the water and give them no other to drink and it will not be many days before they will be on the road to recovery. If any of them have sore or canker mouths, remove the canker and dip the head in a full strength solution, after which open the mouth and spray the throat with "dioxogen," diluting with one-half water and placing in a sewing machine oil can. The "dioxogen" may be purchased at any drug store. My chick-

GREIDER'S FINE
Poultry Catalogue

for 1908 is larger and better than ever. Tells all about pure-bred poultry and illustrates 60 varieties. Contains 10 beautiful chromos of leading breeds—pretty enough to frame. Tells of best Louse Killer, how to cure diseases, make money. Only 10¢ postpaid. Send to-day for a copy. B. H. GREIDER, Rheema, Pa.

CORNISH INDIANS.

CORNISH INDIANS—A few cockerels cheap. Eggs. Write L. C. Horst, Newton, Kans.

RHODE ISLAND REDS.

A FEW CHOICE R. C. Rhode Island Red cockerels, \$1.00. Mrs. J. C. Bally, Spring Hill, Kans.

S. C. RHODE ISLAND REDS, EXCLUSIVELY—Won all firsts at State Fair. Good cockerels cheap. Belle Tylor, Haven, Kans.

ROSE COMB R. I. RED cockerels at bargain prices. Fine birds. G. D. Willems, Route 3, Inman, Kans.

PURE-BRED R. C. Rhode Island Red cockerels at reasonable prices. A. L. Scott, R. 1, Larned, Kans.

FOR SALE—Rose Comb Rhode Island Red cockerels; Duroc-Jersey boars; one registered Red Polled bull. I. W. Poulton, Medora, Kans.

WYANDOTTES.

WHITE WYANDOTTES, S. C. W. Leghorns, W. H. turkeys; hens, cockerels and pullets from high-scoring stock at reasonable prices. Write A. F. Hutley, Route 2, Maple Hill, Kans.

SILVER WYANDOTTES EXCLUSIVELY—Winning firsts and special sixteen years. Fine cockerels for sale from State Show first prize mating. Mrs. J. W. Gause, Emporia, Kans.

PARTRIDGE WYANDOTTES exclusively. Few cockerels and pullets for sale; eggs in season. Jno. Anderson, Manhattan, Kan.

FOR SALE—Full blood Rose Comb Buff Wyandotte cockerels; eggs in season \$2 for 15. John Stone, Medicine Lodge, Kans.

SILVER LACED WYANDOTTES from my prize-winners at reasonable prices. Cockerels scored by Atherton. J. H. Becker, Route 7, Newton, Kans.

FOR SALE—Golden Wyandotte cockerels; also a few M. B. turkeys. Cockerels \$1 and \$1.50. Eggs in season. A. B. Grant, R. 9, Emporia, Kans.

BROWN'S WHITE WYANDOTTES—Ahead of everything; stock for sale; eggs in season. I have the English Fox Terrier dogs. Write me for prices and particulars. J. H. Brown, Clay Center, Kans.

BLACK SPANISH.

FOR SALE—White-faced Black Spanish. Hens \$2 each. Cockerels \$2 each. pullets \$1.50 each. Chas. Hobbie, Tipton, Kans.

BUFF ORPINGTONS.

ORPINGTONS—Breeders eggs and baby chicks. Catalogue free. Satisfaction guaranteed. W. H. Maxwell, 1906 McVicar Ave., Topeka, Kans.

LARGE BUFF ORPINGTONS—The great winter layers. Cockerels for sale, eggs in season, prices reasonable. Mrs. Frank Henning, Route 1, Garnett, Kan.

ORPINGTONS—1,000 to sell to make room. Catalogue free. W. H. Maxwell, 1906 McVicar Avenue, Topeka, Kans.

CHOICE Buff Orpington and B. P. Rock cockerels. Collie pups and bred bitches. Send for circular. W. B. Williams, Stella, Neb.

BRAHMAS.

Light Brahma Chickens

Choice pure-bred cockerels for sale. Write or call on

Chas. Foster & Son, Eldorado, Kans. Route 4

TURKEYS.

FOR SALE—Mammoth Bronze turkeys. Inquire of T. M. Fleming, Fontana, Kans.

FULL BLOOD, big boned, Mammoth Bronze turkeys for sale. Mrs. Bert Howard, Rural Route 5, Paola, Kans.

FULL BLOOD, big boned Mammoth Bronze turkeys for sale. Mrs. Bert Howard, Route 5, Paola, Kans.

M. B. TURKEYS AND ROUEN DUCKS—Have a choice lot for sale from prize-winning stock. Won 14 premiums in two shows; 11 firsts. Address Mrs. A. E. Harness, Speed, Mo.

FOR SALE—An extra fine bunch of young M. B. turkeys from stock scoring up to 96 points. I took 1st cock, 1st cockerel 1st and 2d hen, 1st and 2d pullet, 1st and 2d pen at Central Kansas Poultry show at Newton, Kans., this fall. Extra prices on young stock up to February 15. Eggs in season \$4 per 11. G. W. Perkins, Route 4, Newton, Kans.

DUCKS.

EGGS FOR HATCHING—Mammoth Pekin ducks, White or Barred Plymouth Rocks, per sitting or 100. Farm raised. Guarantee satisfaction. Write us. R. W. Weaver Company, Route 9, Wichita, Kans.

MISCELLANEOUS.

PEACOCKS FOR SALE—Single or pairs. Mrs. G. Thierier, Alma, Kans.

TRAINED FERRETS, they exterminate rats, drive out rabbits. Book and price list free. DEER LAKE PARK, Severy, Kan.

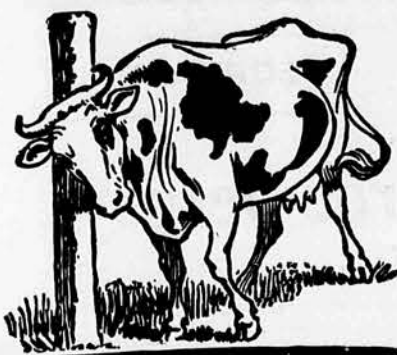
\$4 yearly profit per hen guaranteed by using Little Gem Hatcheries and my Bifid System. Satisfactory proof free. F. Grundy, Poultry Expert, Morrisonville, Ill.

AGENTS—To sell and advertise our Poultry Com-pound; \$5 weekly; rig furnished. Franklin Manufacturing Company, Norwalk, Ohio.

BIG POULTRY PAPER FREE

Send us 10 cents (silver), to cover postage, and the names of five poultry raisers, and we will send you THE POULTRY GAZETTE an entire year free of charge. Stops when the time is out. Regular price 50 cents. Send today.

Searle Pub. Co., Clay Center, Neb.



The Louse Question

When your animals rub incessantly at this season of the year, look out for lice. This is especially true of calves and colts. To meet this condition Dr. Hess (M.D., D.V.S.) formulated the famous Instant Louse Killer, which kills lice on stock and poultry.

INSTANT LOUSE KILLER

kills ticks on sheep. It, being a powder, can be applied in zero weather. Do not wait for warm weather; do not let the tick eat up your profits; kill him on the spot with Instant Louse Killer. Put up in round cans with perforated top, full pound 25 cts. Sold on a positive written guarantee. Be sure of the word "Instant" on the can; there are 25 imitations.

1 lb. 25c. } Except in Canada
3 lbs. 60c. } and extreme
West and South.

If your dealer cannot supply you we will forward 1 lb. by mail or express, prepaid, for 35 cents.

Manufactured by
DR. HESS & CLARK
Ashland, Ohio.

Makes
Poultry
Profits
Possible

GERMOZONE

The great National Poultry Remedy makes poultry profits possible. With this popular medicine you can cure Roup, Colds, Cholera, Bowel Complaint, Chicken Pox and all disorders of that character.

Germozone

twice a week in the drink acts on the bowels and keeps the whole system in healthy condition, able to withstand disease. Every fowl in your flock needs Germozone.

PRICE
50c

It is prepared in either liquid or tablet form and is on sale almost everywhere. If your dealer don't have it, send 50c to the manufacturers and you will be supplied promptly.

Write today.
Geo. H. Lee Co., Omaha, Neb.



\$7.15
Buys the Best
120-EGG
Incubator
ever made

Freight Prepaid East of Rockies

Double cases all over; best copper tank; nursery; self-regulating. Best 100 chick hot-water brooder, \$4.35. Both ordered together, \$11.00. Satisfaction guaranteed. No machines at any price are better. Write for our book today or send price now and save waiting.

Belle City Incubator Co., Box 18, Racine, Wis.

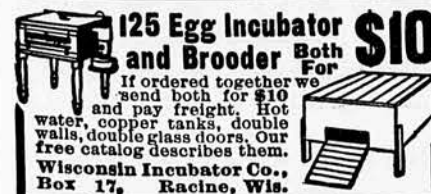


SUCCESSFUL HATCHES

and healthy, vigorous chicks are always a certainty with

RELIABLE INCUBATORS

26 years' experience and practical demonstration is crystallized in the one perfect machine. Double heating system, double ventilating, economical—all explained in our interesting poultry book. Write today. Reliable Incubator & Breeder Co., Box 268 Quincy, Ill.



125 Egg Incubator and Brooder Both For \$10

If ordered together we send both for \$10 and pay freight. Hot water, copper tanks, double walls, double glass doors. Our free catalog describes them. Wisconsin Incubator Co., Box 17, Racine, Wis.

M. M. S. POULTRY FENCE

HALF THE COST
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Requires few Posts, no Rails; no sag or bag to it. Ask Dealers for it. Fence Catalog and Items of Value, FREE, write

DEKALB FENCE CO., 739 SHUKERT BLDG., KANSAS CITY, MO

ens are all healthy and doing good work filling the egg basket.

Mrs. LIZZIE B. GRIFFITH.

Emporia, Kans.

Miscellany

Metal Road Culverts.

EDITOR KANSAS FARMER:—In driving about the country I have noticed during the last few years, large numbers of metal road culverts made, apparently, of some kind of corrugated metal. My curiosity is aroused to know if these culverts are a success, and if they are practical and durable? I would like to hear from some of the readers, through the columns of your valuable paper, if they have had any experience with these metal culverts and if the price is low enough to make it a competitor of tiling or wood. Lumber is getting so high and rots out so soon that it occurs to me that this metal culvert would be a good thing if it only lasts long enough and the price is not too high. I would be glad if some one would answer through THE KANSAS FARMER concerning this matter.

S. B. MCKEE,

Trustee Hazelton Township.
Barber County.

Wants Parcels Post.

EDITOR KANSAS FARMER:—We purchased a quart can of prepared gopher poison. It came in a sealed tin can, wrapped in paper. The express charges were eighty cents from Manhattan to Arkansas City, Kans. Is it any wonder the farmers want a parcels post? T. C. GILLOCK.

Cowley County.

No Divided Ideas

About the Hatch-all Incubators and brooders, as they are the satisfactory producers demanded by the present day poultry-raisers. Many little improvements make these machines easy to handle, and the large number of customers who have reordered, and advised their friends to order, is the very best proof of an incubator, and brooder success—absolutely the best possible.

A big poultry book containing information gleaned from twenty years' experience raising poultry for market, laying, and show purposes, and also giving full particulars regarding the Hatch-all Incubators and Brooders, and the successes attained by different purchasers, will be sent free to any one who will write to the Hebron Incubator Co., Dept. 10, Hebron, Neb.

Economy in feeding does not mean stunting.

Your Name Will Get \$2 Eggs

For 50 Cents Per Sitting

The White and Brown Leghorns are the greatest layers in the world. I keep 3000 of the celebrated Chamberlain laying strain on my Experimental Farm, and to increase the sale of my Perfect Chick Feed, I will send to any one who will send me their name so I can send them my Perfect Chick Feed Catalogue, 2 sittings of Single Comb Brown or White Leghorn Eggs for \$1 for the 2 sittings. Only sold in lots of 2 sittings. Eggs by the 100, \$5. White or Barred Plymouth Rock or Rhode Island Reds or Silver or White Wyandotte Eggs, \$1 per sitting. Bronze or W. Holland Turkey Eggs, \$2 for 8. This is a rare chance to get a start of extra fine stock. Send Post Office orders on St. Louis and have your orders booked early. W. F. CHAMBERLAIN, (The Perfect Chick Feed Man) KIRKWOOD, MO.

SCOTCH COLLIES.

SCOTCH COLLIES—Pups and young dogs from the best blood in Scotland and America, now for sale. All of my brood bitches and stud dogs are registered, well trained and natural workers. Emporia Kennels, Emporia, Kans. W. H. Richards.

Scotch Collies.

Fifty-seven Collie puppies just old enough to ship. Place your orders early, so you can get one of the choice ones.

Walnut Grove Farm, Emporia, Kans.

INCUBATORS AND BROODERS.

Incubators and Brooders

If you want a good Incubator in a hurry write to the undersigned. He keeps the Old Trusty Incubator (hot water) and the Compound (hot air), two of the best Incubators made. Also the Zero brooder, no better made. It pays to buy a good brooder. No use hatching chicks without a good brooder to raise them. The Zero will raise every chick you put in it.

THOMAS OWEN, Sta. B, Topeka, Kans.

INCUBATOR BARGAIN.

I have six Hiawatha Incubators, guaranteed hatching, for sale at \$6.00 for the 120 egg size, and \$8.00 for the 240 egg size, if taken at once, cash with order. Edith Shaw, Box K, Hiawatha, Kans.

BUY QUEEN INCUBATORS

THIS MONTH

SPECIAL PRICES

There's two very good reasons why you should send for our Big Queen Book at once. First, the biggest profit in raising chickens is made out of the early chicks. Early Broilers bring highest prices and early pullets begin to lay when eggs are highest. Second, we are going to make a special inducement to those who order Queen machines this month.

So it will be money in your pocket to sit right down and write a postal for our Big Queen Book right away. Don't put it off for you'll lose money if you do.

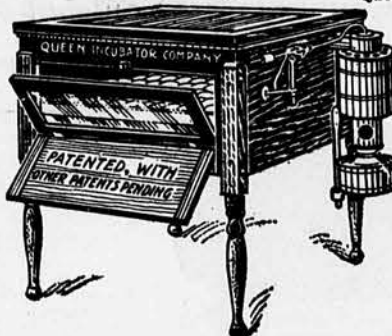
Queen Incubators

are money makers. They are in use in every part of the country and giving perfect satisfaction. We have built over 80,000 machines—have had years of experience raising chickens, so naturally we are able to build machines that are easy to operate;

that are practical in construction; that hatch 90 per cent and better of hatchable eggs into big strong chicks.

Mrs. P. L. Harrison, of Green Ridge, Mo., wrote us July 10, '07: "This year is my first experience with an incubator. In 6 hatches with my Queen I got 678 chicks. My eggs I bought wherever I could get them, and my results prove the Queen is all that could be desired. It is very easy to operate—never bothers one bit."

We know Queens are successful—thousands of satisfied customers prove it. We sell them on 90 days trial and back them by a 5 years guarantee, so you take no risk in ordering Queens. Write a postal today—now is the time to buy. Remember, we pay the freight to your railway station so you know exactly what Queen's will cost you laid down at your depot.



QUEEN INCUBATOR CO., Box 28, Lincoln, Nebraska

Not too Late
to Send
Your Name
To **JOHNSON**
INCUBATOR MAN

No matter where you live, Johnson can help you succeed. You get bigger hatches, use less oil, and have less bother with an

"Old Trusty" Incubator

Simplest and surest; absolutely automatic; runs itself and pays for itself. 75% or better hatches guaranteed. Sold on

40, 60, or 90 Days Trial

Don't pay two prices. Get Johnson's direct offer. He ships promptly. His big book of 176 pages with more than 300 pictures is absolutely free. A poultry book by a man who knows; every page is a poultry sermon. Send your name to M. M. JOHNSON, CLAY CENTER, NEBRASKA

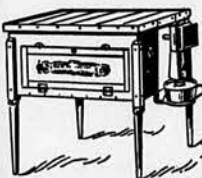


YOU WANT PROFITS

And can positively get them by using

Hatch-All Incubators and Brooders

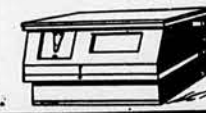
You can make ten times the price of one of our machines in one season, and the incubator will be ready next year to do the same. HATCH-ALL is the best investment on the market.



SIMPLE, NEAT AND STRONG—Will last for years, and each season will find them capable of producing money-making hatches, which are certainly the only kind wanted. We pay freight.

Our Big Poultry Book Sent You Free. In it you will find knowledge gleaned from twenty years' experience in the chicken business. It is valuable.

SEND LETTER TO DEPT. 10
HEBRON INCUBATOR CO. HEBRON, NEB.



CYPHERS' INCUBATORS & BROODERS

Write for our Great Free Catalog of 215 pages which contains so many letters from poultrymen that you probably will see the pictures of someone you know—and illustrations of their poultry yards, duck farms, brooding houses, etc., all with names and addresses.

Get All the Profits From Poultry With the Guaranteed World's Best Machines

Our Free Book is the best authority for you to read as it contains proof after using Cyphers machines, told by Beginners, Experts and Agricultural Experiment Stations. Write to nearest address for this Free Book. CYPHERS INCUBATOR COMPANY, Buffalo, N. Y. New York, Boston, Chicago, Kansas City, Oakland, Cal., London, Eng.



GUARANTEED
BEST HATCHER

The Townsend Automatic Trap Nest

Awarded first premium Kansas State Fair, 1906-07. Invaluable to poultry raisers. The hen, on going in, closes the gate behind her, shutting out all other fowls. At any time she wants out for food or exercise, she can easily release herself. By simply lowering a latch, it is converted into a "Trap Nest" that is absolutely reliable. These nests are manufactured under our own patent. Write us for information and testimonials from users. AGENTS WANTED. Address P. G. TOWNSEND & CO., 629 E. 6th, Hutchinson, Kans.

Incubator Whys

Our new book telling Whys and Wherefores of Poultry Profits—Why Ertel machines make most for their owners; how hatches are uniformly over ninety per cent with our machines; how we pay freight and why our prices are lowest—will be sent you free.

You owe it to yourself to learn the vast difference in results between Ertel Incubators and others. Please say whether interested in large machines or a small outfit. GEORGE ERTEL CO., QUINCY, ILL.

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Hatch Chickens by Steam with the **EXCELSIOR INCUBATOR** OR WOODEN HEN

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatching made. GEO. H. STAHL, Quincy, Ill.

BEE SUPPLIES

We can furnish you bee and all kinds of bee-keepers' supplies cheaper than you can get elsewhere, and save you freight. Send for our catalogue with discount sheet for early orders.

TOPEKA SUPPLY HOUSE

7th and Quincy, Topeka, Kans.

FEBRUARY 14

THE REASON WHY

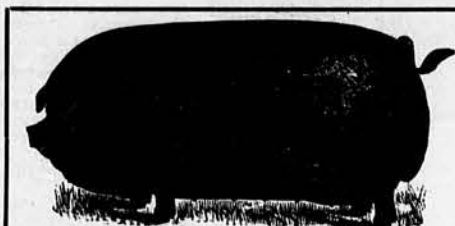
FEBRUARY 14

you should attend this

Combination Brood Sale—40 Head Duroc-Jerseys

is, that at our fall sale the Agricultural College bought their two boars, for one of which they refused \$500 inside of ten days. W. H. McCasky of Lawrence bought a boar which the next week won all the prizes at the Douglas County fair. You cannot afford to miss such opportunities for these

40 Head are the Best of the Breed



LADY MACBETH,
Finest gilt to be sold in State this year.

Ohio Chief
41419

Protection
4697a
Duchess
18958a

Coulonces 3185
Tip Ear 8798
Watt's Col. 5795
Duchess 32d 13364

Kansas Queen
156702

Brighton Wonder
34725
Sam's Choice
71864

Tolstoy 12533
Ohio Anna 8th 24200
Red Chief I Am 7693
Topsy 2d 39932

and are bred to Proudest Advance Again 64165, by Proud Advance 23549; Kansas Chief 64723, by Ohio Chief 41419; Buddy IXL 64781, by Buddy K. IV 20861; Hamlet 61039, Grandson II Climax 23361.

Sale to be held in well-heated barn on

February 14, 1908, at Edwardsville, Kans.

JOHN W. TAYLOR

Edwardsville, Kansas

ROY C. WILLIAMSON

Auctioneers: I. W. Holman, Fulton, Mo., L. R. Brady, Manhattan, Kans.

DUROC-JERSEY
BRED SOW SALE

Garnett, Kans., Tuesday, Feb. 11

(Sale at farm just west of city limits.)

10 proven sows in the prime of their usefulness, 3 extra fall gilts, 20 fancy, well-grown spring gilts by such sires as Chief Orion, Hunt's Model, Lincoln Wonder, Proud Advance Jr., and Tip Top Notcher Jr. These will be bred for early farrow to Fuller's Ohio Chief, one of the best breeding sons of the great Ohio Chief, F's Kantbebeat by Kantbebeat, and Proud Advance Jr. by Proud Advance.

For catalogue address

N. J. FULLER, Garnett, Kansas

Cols. Edmonson and Given, Auctioneers. L. K. Lewis, Fieldman.

NIES & SON'S BRED
SOW SALE

Goddard, Kans., Monday, Feb. 10

40—Choice Sows and Gilts—40

15—Fancy Spring Boars—15

Representing the best blood of the POLAND-CHINA breed. 15 of these are fall gilts and there are 25 extra well grown spring gilts, all safe in service for early farrow to Corrector 2d, a grandson of the great Corrector; On and On Again, a good breeding son of the \$8,000 On and On; and a good son of Impudence out of a Perfection 2d dam. Our hogs have size, bone, and finish, and will be presented in the pink of condition.

Sale will be held in town under cover. Write for catalogue now and come to the sale.

F. G. Nies & Son, Goddard, Kans.

Cols. Snyder and Arnold, Auctioneers.

Grand Dispersion
Orchard Hill
Duroc-Jerseys

Clay Center, Kans., Feb. 13, 1908.

87—Head Choice Duroc-Jerseys—87

This sale will include my three herd boars, Kanho Chief 37491, a grandson of Ohio Chief; Norton's Top Notcher 43715 and Gold Dust Top Notcher 62325, sons of the grand champion, Tip Top Notcher. Dams by Improver 2d 13365, Norton's Wonder 24685, Chapin's Duroc 39277, You Bet 3111, Marti King 17345, and Orison 35147. Also 2 fall yearling gilts, 17 spring gilts, 10 spring boars, and 44 fall pigs.

Sows and gilts have been properly mated and bred.

Special attractions, the herd boars and two sows by Improver, one by Chapin's Duroc, and the great Lucy Wonder 20th 139466, who weighs 600 pounds at 2 years.

Come and buy some of these good things. Catalogues now ready.

R. F. NORTON, CLAY CENTER, KANS.

Col. L. R. Brady, Col. Sam Langworthy, Auctioneers.

THE
Fifth Annual Pure Bred Stock Sale

BY THE

Improved Stock Breeders' Association

Of The Wheat Belt Will be Held at

Caldwell, Kans., Wed., Thurs., Fri., Feb. 12, 13, 14, '08

Commencing promptly at 1 o'clock p. m. each day.

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TOPEKA BUSINESS COLLEGE, Topeka, Kansas

When Writing Our Advertisers Please Mention This Paper

IWAN POST HOLE AUGER.

Most Successful Post Hole Digger on the Market.

The best spade is a poor hole-digger, and the old-fashioned double spade diggers and augers are not much better. But post hole digging, instead of being tiresome and slow, is now easily and rapidly done by the use of a most remarkable labor-saving post hole and well auger, made by Iwan Bros., a name that guarantees quality. The bowl of this practical auger consists of two interlocking crucible steel blades, scientifically shaped so that they sink themselves in any kind of soil almost without any pressure. Three full turns does it. Then, in pulling them out, there is not the slightest resistance from suction. These strong blades are attached to a malleable arch with a strong handle of convenient length. Most farmers find the 8-inch size best for all purposes, although these augers are made in all sizes from 3 to 14 inches. A more simple and practical hole auger could not be made. One day of digging saves enough to pay for this durable auger which is also ideal for rapid well digging. Iwan Bros., Streator, Ill., will be glad to give you complete information. Write them today, and mention this paper.

X-Ray Incubator Company.

We call the attention of our readers to the advertisement of the X-Ray Incubator Company, of Blair, Neb., in which twelve superior points are claimed for their machine.

One filling of the lamp makes an entire hatch; the egg tray is not removed to turn and air the eggs and the company have perfected the most perfect direct regulation of the lamp blaze ever devised. Any one interested in an improved and strictly up-to-date incubator should write the X-Ray Incubator Company, L Street, Blair, Neb., for their 1908 catalogue fully describing the many practical and commonsense principles and ideas combined. Over nine years' work and unceasing study on the part of the inventor has brought these features to present perfection. The catalogue covers many important subjects and thoroughly discusses the matter of artificial incubation.

Grain in Kansas City.

Receipts of wheat in Kansas City today were 126 cars; Saturday's inspections were 63 cars. Shipments, 61 cars; a year ago, 49 cars. Prices were unchanged to 1/4c lower, with sales made slowly and a number of cars carried over unsold. The sales were: Hard Wheat—No. 2, 4 cars 94 1/2c, 10 cars 94c, 5 cars 93 1/2c, 10 cars 93c, 5 cars 92 1/2c, 4 cars 92c; No. 3, 3 cars 92c, 3 cars 91 1/2c, 1 car 90c; No. 4, 3 cars 91c, 2 cars 90 1/2c, 1 car 90c, 1 car 89c. Soft Wheat—No. 2 red, nominally 97 1/2c; No. 3 red, 1 car 97c, 1 car 96c, 2 cars 95c, nominally 94 1/2c; No. 4 red, 1 car 95c, 1 car 93c, 1 car 91c, 2 cars 90c; rejected red, 1 car 92c. Durum Wheat—No. 2, 1 car 82c.

Receipts of corn were 42 cars; Saturday's inspections were 16 cars. Shipments, 26 cars; a year ago, 41 cars. Prices were unchanged to 1/4c higher. The sales were: No. 2 white, nominally 53c; No. 3 white, 10 cars 53 1/2c; No. 2 mixed, 1 car 53c, 5 cars 52 1/2c; No. 3 mixed, 1 car 53c, 2 cars 52 1/2c; 2 cars 52 1/2c; No. 2 yellow, 6 cars 53 1/2c; No. 3 yellow, 1 car 53 1/2c, 6 cars 53 1/2c. Receipts of oats were 30 cars; Saturday's inspections were 13 cars. Shipments, 13 cars; a year ago, 24 cars. Prices were about 1/4c lower, owing to increased offerings. The sales were: No. 2 white, 4 cars 49 1/2c, nominally 49 1/2c; No. 3 white, 5 cars 49c, 1 car 48 1/2c, nominally 48 1/2c; No. 2 mixed, 1 car 48 1/2c; No. 3 mixed, 1 car 48 1/2c. Barley was quoted at 65 1/2c; rye, 75 1/2c; flaxseed, \$1.03 1/2c; kafir-corn, \$7 1/2c per cwt.; bran, \$1 1/2c per cwt.; shorts, \$1.01 1/2c per cwt.; corn chop, \$1.01 1/2c per cwt.; millet seed, \$1 1/2c per cwt.; clover seed, \$1 1/2c per cwt.

The range of prices for grain in Kansas City for future delivery and the close to-day, together with the close Saturday, were as follows:

	Open.	High.	Low.	to-day.	Sat.
WHEAT.					
May	92 1/2	92 3/4	91 1/2	92	92 1/2
July	86 1/2	86 3/4	85 1/2	86 1/2	86 3/4
Sept.	84 1/2	84 3/4	84 1/2	84 1/2	84 3/4
CORN.					
May	53 1/2	53 3/4	53	53 1/2	53 3/4
July	53 1/2	53 3/4	53	53 1/2	53 3/4

Kansas City Live-Stock Market.

Kansas City, Mo., Feb. 3, 1908. The cattle market was uneven last week, but closed about steady on steers, while best cows and heifers advanced 10 to 15c, stockers and feeders 25 to 35c lower for the week. The supply was 7,000 head less than in the previous week, and a feature was the large number of partly finished steers included. Feeders have little incentive to buy high-priced corn to finish out their holdings. The run to-day is 12,000 head, market steady on steers, top \$5.55, cows and heifers strong to 10c higher. Stockers and feeders are enjoying the usual good Monday demand to-day, especially as the reduction in the price last week brought in a good many buyers late in the week, which cut the hold over down to a minimum. Bulk of the beef steers bring \$4.65 to \$5.25, good heavy cows up to \$4.50, bulk of cows \$3.40, heifers from \$3.25 to \$4.75, bulls \$3.40 to \$4.20, best veals \$6.25, stockers \$3.40 to \$4.50, feeders \$3.90 to \$4.75. January cattle receipts amounted to 177,000 head here, besides 13,000 calves, which was a shortage of 21 per cent as compared with same month last year. Estimates the first of the month placed the shortage at a higher figure than this.

Hog supply last week dropped down to 82,000 head, but prices were not very satisfactory, changing continually with weakness the ruling feature.

Special Want Column

"Wanted," "For Sale," "For Exchange," and small want or special advertisement for short time will be inserted in this column without display for 10 cents per line of seven words or less per week. Initials or a number counted as one word. No order accepted for less than \$1.00.

SEEDS AND PLANTS.

POTATOES—5 choice varieties. Kansas grown; not irrigated. 73 bushels and 76 bushels from 2 bushels seed grown by two of our patrons the past two years. Ship via the Santa Fe, Missouri Pacific or Frisco. Prices etc., write Louis Bauer, Route 2, Sterling, Kans.

WE ARE IN THE MARKET for red clover, timothy, alfalfa, millet, cane and other seeds. If any to offer please write us. The Barteldes Seed Co., Lawrence, Kans.

ASPARAGUS ROOTS, any quantity. Prices low, write us. R. W. Weaver Company, Route 9, Wichita, Kans.

SEED CORN—Hildreth and Kansas Sunflower Highest yielding varieties at Kansas Agricultural College. See circular 12, by Prof. Ten Eyck. Write me for prices. J. L. McCray, Treasurer Kansas Corn Breeders Association, Manhattan, Kans.

SEED CORN—C. E. Hildreth, Altamont, Kans. Originator, breeder and grower of Hildreth Yellow Dent corn. First prize at fairs and corn shows. "1903 to 1906 the Hildreth has produced the largest average yields at Experiment Station."

WANTED—Seed sweet corn. Barteldes Seed Co. Lawrence, Kans.

CATTLE

FOR SALE—4 Shorthorn bulls, all richly bred, One a pure Scotch. Registered and of serviceable age. Call or address C. W. Merriam, Topeka, Kas.

FOR RED POLLED BULLS full of World's Fair blood address D. F. VanBuskirk, Bluemound, Kas.

WANTED TO BUY—A young Guernsey bull or bull calf. C. P. Felch, Lyndon, Kans.

FOR SALE—Four registered Shorthorn bulls, 1 and 2 years. Address E. D. Haney, Courtland, Kans.

REGISTERED Holstein-Friesian bull for sale; 3 years old. J. E. Huey, R. 6, Sta. A, Topeka, Kans.

FOR SALE—28 head of registered Aberdeen-Angus cattle. These are the good kind, and are mostly cows and heifers. I am changing my business and these cattle will be sold at bargain prices. Call on or write Frank Wasson, Clearwater, Kans.

FOR Red Polled bulls or heifers, write to Otto Young, Utica, Ness County, Kansas.

SPECIAL SALE—5 straight Crutcher Shorthorn bulls for sale at bargain prices for quality. H. W. McAfee, Topeka, Kans.

SWINE.

I OFFER for quick private sale, 10 head Duroc-Jersey bred gilts at a bargain. Write for prices and breeding. Chester Thomas, Waterville, Kans.

FOR SALE—Four young Duroc boars bred in the purple. Write for prices and breeding. R. L. Taylor, Emporia, Kans.

KANSAS HERD OF POLAND-CHINAS—I have lost my health and will sell my entire herd of 40 head for \$400. F. P. Maguire, Hutchinson, Kans.

FOR SALE—Duroc-Jersey pigs, both sexes, March and April farrow, by Financier 46301. Raised for usefulness. Farmers prices; pedigree furnished. Also R. I. Red cockerels. Ben Warren, Maple Hill, Kans.

TWO HERD BOARS FOR SALE—Joe Cannon by Red Raven and out of Faust's Pride, a Kant-Best sow, and Colossal by Golden Rule, the boar at the head of Watt & Faust herd. Grant Chaplin, Green, Kans.

POULTRY.

TWENTY-FIVE BARRED ROCK cockerels bred from high scoring stock. Price \$1.50 each; 3 for \$4.00. Eggs, \$1.50 for 15. Mrs. George Clark, Route 6, Topeka, Kans.

YOU CAN HAVE EGGS the year round if you raise Buff Rocks. My birds took five first prizes out of six entries at the Nebraska State fair, 1907. They also scored 90 points and better by Rhodes. Fifteen eggs for \$1.25. For other information address H. M. Stephens, Munden, Kans.

GALVA POULTRY YARDS

R. C. W. Leghorn and White Wyandotte stock for sale. Eggs in season. First pen Leghorns headed by first cockerel Madison Square Garden, N. Y. Write your wants. JOHN DITCH, Prop., Galva, Kans.

WHITE WYANDOTTE EGGS

From winners at Kansas State, Nebraska State, Missouri State, and St. Joseph big Interstate Shows. Males score to 96, females to 96 1/2. Eggs \$1.50 to \$10 per sitting. Catalogue free.

BRIDGEMAN & YORK, Box 102. Forest City, Mo.

and finally closing Saturday 5c below the close of the previous week. Provisions all made losses for January, closing at the low point, and with the large amount of product being manufactured packers are naturally in a bearish attitude. The decline continued to-day, run 14,000 head, market 5 1/2c lower, top \$4.35, bulk \$4.15 to \$4.30. January receipts foot up 503,000 head, which is 83,000 head more than were ever received at this market before in any month, and 240,000 head more than arrived here last January. Average weight for the month was 216 pounds, against 212 pounds for December.

The mutton market was uneven last week, making big losses after Tuesday, the high day of the week, especially on lambs and heavy yearlings. There was some recovery Friday, but the net loss for the week was 15 to 25c on lambs, while sheep and yearlings closed about steady. Run is 10,000 to-day, market strong on sheep, lower on lambs, top lambs \$6.85, for light weights, heavy lambs, \$6.60, wethers and yearlings mixed at \$5.55, ewes \$5, light yearlings worth up to \$6.20.

J. A. MCKART.

REAL ESTATE

REAL ESTATE

SPECIAL

in wild meadow. This is the last of a large ranch. \$25.00 per acre.

Ind. Telephone 1847. L. E. ANDERSON & CO, Topeka, Kans. 800 N. Kansas Ave.

Six quarter sections 20 miles from Topeka, 1 mile from good railroad town. All It can be had for

MR. STOCKMAN

Why stay on that high priced ranch, when you can get a big range for little money in the healthiest climate and best stock country on earth? Rich land, fine grass, abundant water. Join the American colony in the beautiful highlands of Mexico. Let us show you what Kansas ranchmen think about the country. Write for photos and description of ranches and farms. J. W. Magill & Co., Topeka, Kas.

HORSES AND MULES.

FOR SALE—Two registered Mammoth Jacks, 3 and 5 years old, black with white points. Grand individuals. H. T. Hineman, Dighton, Kans.

PERCHERON, BELGIAN and SHIRE Stallions imported by Burgess, Wenona Ill. For sale at Dawson, Neb. \$700 to \$1200 registered Draft stallions \$400 each. LeRoy Judd, Dawson, Nebraska.

FOR SALE OR TRADE for good Jennets, a few good draft mares. Give full description and price in first letter. H. T. Hineman, Dighton, Kans.

FOR SALE—13 Jacks and Jennets, 13. Unlucky number! First buyer gets a bargain to break the hoodoo. Don't write, come quick. Also 2 draft stallions. J. C. Strong, Moran, Kans.

JACKS FOR SALE—Missouri, Kentucky, Tennessee and native bred Jacks; the big kind. Charles Giffin, Rydal, Kans.

FOR SALE OR TRADE—Standard bred road stallion; and one imported English Shire, weight a ton. Box 431, Canton, Kans.

FOR SALE—My stallions, Jacks, brood mares and colts. R. E. Cowdrey, 112 Quincy St., Topeka, Kans.

PERCHERON STALLION FOR SALE—Owing to circumstances I am forced to sell my 7-year-old registered Percheron stallion. He is sound, kind, big, has a fine action and is a perfect show horse. Will fully guarantee him. Terms: Cash, approved notes, or will trade for cattle. J. B. Weldon, Eureka, Kans.

TWO JACKS FOR SALE—3 and 4 years old, Missouri bred. Address S. O. Hedrick, Tecumseh, Kans.

FOR SALE—One black team, 6 and 7 years old, weight 2600 pounds. Mr. and Mrs. Henry Schrader, Wauneta, Kans.

MISCELLANEOUS.

WANTED

Position on grain and stock farm as foreman, or on shares by experienced farmer. Married. Son 15 years old. Address E. T. Wentworth, 2311 Pendleton Ave., Kansas City, Mo.

FOR SALE—A first-class Canadian Clyde stallion, extra good breeder and sure foal getter, or will trade for good Jack. Will give or take difference. L. Cox, Concordia, Kans.

\$21 A WEEK to put out merchandise and grocery catalogue. Home territory. American Home Supply Co., Dept. F 119, Chicago, Ill.

WANTED—Girl for general housework. Small family. \$4 per week. R. J. Linscott, Holton, Kans.

FOR SALE—Typewriter cheap. Ship on approval. Ben Gurley, Minneapolis, Kans.

FOR SALE—A Remington Typewriter. A machine now in use at The Kansas Farmer office. It is in good condition. Will sell for \$30, as it is to be replaced with a new machine. Call, or write to The Kansas Farmer Company, Topeka, Kans.

EVERLASTING FENCE POSTS, any soft wood; receipt 25c. M. Trego, Woodward, Okla.

SELL TOBACCO AND CIGARS locally or traveling; salary or commission; full time or sideline; good pay; promotion; experience unnecessary. Address Morotock Tobacco Works, Box C 49, Danville, Va.

EQUIPMENT for the manufacture of Concrete Fence Posts. Territory assigned. Agents wanted. Address The Faragon Concrete Fence Post Co., 622 Minnesota Ave., Kansas City, Kans.

WANTED—By experienced agricultural college graduate, a position as manager of an up-to-date dairy farm. Preferably in Kansas or Colorado. E. E. Greenough, Manhattan, Kans.

WANTED—A second-hand traction engine, not less than 16 horse power. Dr. W. D. Barker, Chanute, Kans.

RURAL BOOKS—Send for descriptive list of books for farmers, gardeners, florists, architects, stock raisers, fruit growers, artisans, housekeepers and sportsmen. Sent free. Address The Kansas Farmer Company, Topeka, Kans.

Stray List

For Week Ending January 23.

Stanton County—James Herrick, Clerk. HORSES—Taken up by William D. Berg in Pana tp., December 2, 1907, two horses described as follows: One bay horse, about 10 years old, weight 900 lbs., J5 (with half circle underneath) on left thigh, saddle marks on withers; valued at \$30. One sorrel horse about 10 years old, weight about 900 lbs., star in face, white hind legs half way to hocks, valued at \$30.

For Week Ending January 30.

Franklin County—J. L. Turner, Clerk. CATTLE—Taken up by John Frederick in Home-wood tp., one red and white yearling steer, no marks or brands visible; also one red and white yearling heifer, no marks or brands; valued at \$10 each.

Barber County—S. W. Ireland, Clerk. COW—Taken up by T. H. Richardson, in Medicine Lodge tp., December 14, 1907, one 3-year-old red cow, white face, muley, notch in each ear; valued at \$24.

THE ROYAL HOTEL, Lincoln, Neb.

Modern, fire proof, only American Plan Hotel in the city. Centrally located. 15th and O sts.

HENRY W. ROBY, M. D. SURGEON.

730 Kansas Ave. Topeka, Kans.

FOR SALE OR TRADE with owner, for good land near Topeka. Fine city home, large storage barn. Central location. Address, Owner, 307 Polk St., Topeka, Kans.

BARGAIN—240 near Emporia, fine alfalfa bottom farm; \$7,000 improvements. Priced low. \$9,500 will handle. L. K. Krehbiel, Lorraine, Kans.

FOR SALE—A section of wheat land well improved, 400 acres of wheat on place. Buy of owner and save commission. J. D. Hayes, Oberlin, Kans.

WRITE J. D. S. HANSON, HART, MICH., for best list of fruit, grain and stock farms.

800 ACRE stock ranch for sale or trade. Has two sets of improvements and two orchards. Mr. and Mrs. Henry Shrader, R. 1, Box 6, Wauneta, Kans.

QUARTER SECTION of fine land in Sherman County, close to Goodland, to trade for part horses, cattle or mules. T. J. Kennedy, Osawkee, Kans.

FOR SALE—800 acres corn and wheat land, dark sandy soil, 5 miles of Greensburg—a county seat on main line of Rock Island. Joins school. 400 acres cultivated, about 300 in wheat leased at 1/2 and 1/4 delivered; 2-room house, stable, cow shed, granary, chicken house, well and windmill, the best water in the state at 25 feet; a lot of fencing. Price \$20 per acre. Don't write, but come quick. Edgar B. Corse, owner, Greensburg, Kans.

80 acres, 55 cultivated, 10 meadow, balance pasture. Good 6-room frame house, stable for 8 horses, orchard and all kinds of fruit. 2 good wells, one mile to school, 4 to Emporia. \$4000. Hurley & Jennings, Emporia, Kans.

Eighty acres, Anderson County, three-fourths of a mile from Amlot. Four-room house, barn for ten head of stock, good soil, location and water. Price, \$3,500. B. F. Fridley, Amlot, Kans.

\$250 WILL BUY 80 acres; Christian County, Southeast Missouri. Perfect title; terms \$10 monthly. W. M. B. Williams, Mt. Vernon, Ill.

HOME IN MANHATTAN.

480 acres, farm land, wild meadow, and pasture; improved, watered; 12 miles out, 8 miles to shipping station; price \$20 per acre. 160 acres—90 acres best river bottom, balance pasture; improved; \$7,000. 240-acre finely improved prairie farm for \$10,000. 320-acre best natural pasture for \$5,000. Over 40 farms in this vicinity. Lists in more than twenty Kansas counties. Best large stock farm and ranch list in the west. Over 75 city properties. Large suburban and rooming-house list. Good exchange list. Manhattan city properties, including livery and harness business and hotel, for land. Write today. New state map for 10 cents in stamps. MANHATTAN REALTY CO., 304 Poyntz Ave., Manhattan, Kans.

Farm Bargains in East Kansas

Write for new land list describing farms that are offered at bargain prices. Corn, wheat, clover and alfalfa land.

MANFIELD BROS., Garnett, Kans.

MISSOURI FARMS FOR SALE

Everman has a farm for every man. Write for description and price list.

John W. Everman, .. Gallatin, Mo.

Real Estate Wanted

WANTED—Would like to hear at once from owner having good medium size farm or small business for sale in any good prosperous locality. Please give price and description and reason for selling. State when possession can be had. No agents need reply. Address

Lock Drawer 984, Rochester, N. Y.

200-BARREL FLOUR MILL

Located in Eastern Kansas. Cost over \$30,000. Equipped with modern machinery, in perfect order. This property is clear. Will exchange for good land, assume encumbrance, or pay cash difference.

—Address—

S. B. Rohrer, Shawnee Fire Bldg., Topeka, Kans.

NOW IS THE TIME TO GET A HOME IN SUNNY COLORADO

They are coming here by the hundreds for health, happiness, homesteads and low priced lands. I locate homesteaders and sell land in this, the most healthful climate in the United States. Elevation 3500 feet; better for lung troubles than higher altitudes. This is the coming wheat producing country of the middle west; one crop pays for the land twice over. Come over the Mo. Pac. Ry. and get off at Sheridan Lake, 14 miles west of the Kansas line and let me show you. S. R. Smith, Sheridan Lake, Colo.

A Cheap Wheat Farm in Stanton Co., Kans.

160 acres level as a floor. Deep, black soil, ready for the plow. In German settlement south part of the county. Price only \$800.

ALBERT E. KING, McPherson, Kans.



LOOK

Three Model Ranches and a choice Farm Corn, Wheat and Alfalfa land, all good rich productive dirt, well located, modern improvements, and will stand rigid investigation. 4,600 acres in the famous Beaver Valley, Central Neb.; only \$16 per acre. A fine ranch of 2,640 acres in New County, Kansas; \$30,000 buys the ranch with a perfect title. A choice ranch of 18,500 acres in Southwestern Kansas, well located, well improved; only \$5.50 per acre with perfect title. A model farm of 860 acres in Miami Co., Kansas, at \$55 per acre. Frank Geo. Lawrence, Kansas.

DUROC-JERSEYS

DUROC-JERSEY

Bred Sow Sale, Tuesday, Feb. 18, '08

JNO. W. JONES & SON, Concordia, Kans.

BLUE VALLEY HERD REGISTERED DUROC-JERSEYS

Breeders of high-class, pure-bred Durocs. Leading strains of Duroc families represented in our herd. All correspondence given immediate attention; and young stock for sale at all times. See us at "American Royal."

WATTS & DUNLAP,

Martin City, Mo.

MADURA DUROCS.

BROOD SOWS—Some fine brood sows bred to Major Roosevelt and Miller's Nebraska Wonder, he by Nebraska Wonder.

FRED J. MILLER, Wakefield, Kans.

CHOICE REGISTERED Durocs, P. C. and O. I. C. hogs; Shorthorn, Jersey and Gallopway cattle; 40 varieties of poultry and pet stock at farmers' prices; stamps for catalog. A. Madsen & Sons, Atwood, Kans.

OAK GROVE HERD OF DUROCS

Herd headed by Choice Goods H. 36471 by Hunt's Model and Corrector's Model 34881. I have for sale a few choice males of spring and fall farrow that will be priced worth the money.

SHERMAN REEDY, Hanover, Kans.

HILLSIDE DUROCS AND HEREFORDS
Choice boars ready for service. Bred gilts and fall pigs, both sexes. Mc's Pride III, Oom Paul V, and Crimson Knight 62679 in service. 6 good Anxiety bred Hereford bull calves. Prices to correspond with the times.

W. A. WOOD, Elmdale, Kans.

PEERLESS STOCK FARM

DUROC-JERSEY HOGS

FOR SALE.

R. G. Sollenberger, Woodston, Kans.

PIGS SHIPPED ON APPROVAL

200 head of Durocs, all ages, representing the blood of Combination, Valley Chief, and a son of Kant-Be-Beat.

T. L. LIVINGSTON, Burchard, Neb.

Silver Lake Durocs.

Fifty fall pigs will be priced right, either sex. Bred gilts will be priced right on mail orders. Bred sow sale Feb. 18. Boars in service, Lone Jack 30291, Paul Jumbo 42209.

W. C. WHITNEY, Agra, Kans.

B. N. WELCH,

Breeder of DUROC-JERSEYS. Crimson Chief 49609 heads my herd. Young stock for sale.

Waterville, Kansas.

Howe's DUROCS: 100 early spring pigs, the best I ever raised. Improved, Top Notcher, Sensation and Gold Finch blood lines. Call or write.

J. U. HOWE, Route 8, Wichita, Kans.

EUREKA MANOR HERD OF DUROC-JERSEYS.

Choice breeding stock; the best I ever raised. Fall and spring boars, fall and spring gilts, and tried sows, bred or open. Prices the lowest, quality and breeding the best. Herd headed by Eureka Tip Top 43641 sired by the great World's Fair grand champion Tip Top Notcher 20729 and Olathe Chief 61629 by Ohio Chief 8727, the world's champion. Write your wants or call and inspect my herd.

J. F. ENSOR, Olathe, Kans.

SPECIAL!

I have a car of long yearling bulls, a car of bull calves, a car of yearling heifers and a car of heifer calves for sale. These cattle are all in good growing condition and are mostly reds. They were sired mostly by Baron Ury 241970, Bold Knight 179054 and Headlight 243365.

C. W. TAYLOR, R. 2, Enterprise, Kans.

Wall Street

Might have taken you in had I not come to your rescue with a few sows carrying the blood lines of Kruger, Buddy K., Tip Top Notcher, Crimson Wonder and Ohio Chief, bred for early farrow to Secret Prince 68211, A. B. Top Notcher 47323, Big Chief's Special 68213, Top Notcher Model and Billy K., Jr. Write me your wants.

G. W. COLWELL, R. 2, Summerfield, Kans.

Klondyke Durocs

30 choice bred gilts, sired by Chief Model 47935, a 700-pound, 2-year-old son of Hunt's model 20177; Prover 63589, one of Improver 2d 13866 best yearling sons; Sam Advance 63587, a fine grandson of Proud Advance 23549. Prices \$15.50 to \$18.50. Write me now.

G. E. Newton, Whiting, Kans.

Ralph Harris Farm Duroc-Jersey Herd

Kansas Advancer 67427 and Crimson Advancer 67425 at head. At the American Royal, 1907, with 3 entries, we took reserve grand champion sow; champion sow under 12 months; 1st and 2d sows under 12 months, and 2d in junior yearling sows. We look for excellent pigs by our new herd boars.

Ralph Harris, Prop., B. W. White, Mgr.

WILLIAMSTOWN, KANS.

Farm station, Buck Creek, on the U. P., 45 miles west of Kansas City.

K. & N. Herd Royally Bred Duroc-Jersey Swine

Have a few gilts that I will sell at reasonable prices, bred for April farrow. Also a few fall boars of September, 1906, farrow. Write for prices and descriptions.

R. L. WILSON, Chester, Neb.

DUROC-JERSEYS

Deer Creek Durocs

100 pigs of March and April farrow by sons of Ohio Chief, Tip Notcher and Kant Be Beat. Ready for shipment after July 1.

BERT FINCH, Prairie View, Kans.

Fairview Herds Durocs and Red Polled

Some good young boars by Crimson Challenger 43877 for sale. No females or Red Polled cattle for sale now.

J. B. DAVIS, Fairview, Brown Co., Kas.

CRIMSON HERD OF DUROCS.

Herd boars, Red Perfection by Leona's Chief, Allean Gold Dust by Parker Mc., and Red Pathfinder by American Royal. Iowa Girl still farrowing good litters. The best blood lines of the breed with size and quality combined. Spring pigs for sale. J. W. Reid, Portis, Kas.

ATTENTION

Hog raisers of every kind. Had you forgotten that this is just the time to buy that male pig to head your herd? Well, it is a fact and you had better get in line and come to the Rosebud and get something fine.

ROSEBUD STOCK FARM, Rathbun & Rathbun, Prop., Downs, Kas.

Elk Valley Durocs

Herd headed by Doty Boy 29279, a son of the champions Goldfinch and Dotie. My sows are by prize-winning boars. Choice pigs of both sexes for sale.

M. WESLEY, Bancroft, Kans.

CUMMINGS & SONS DUROCS

100 topdy pigs of early March farrow, by Lincoln Tip, Junior Jim, Tip Top Notcher Jr., Kant's Model, Beautiful Joe and our herd boar OH HOW GOOD, second prize winner at Nebraska State Fair. Sale in October; write or visit.

W. H. CUMMINGS & SON, Tecumseh, Neb.

Vick's DUROCS are bred for usefulness. Choice young stock for sale by such great boars as Vick's Improver 47385, Red Top 32241, Fancy Chief 24923 and other noted sires. Correspondence invited. Visitors coming to Junction City and phoning me will be called for. W. L. VICK, Junction City, Kans.

CHASE COUNTY HERD OF DUROCS.

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Breeders' Fifth Annual Sale

200--HORSES--200

Bloomington, Illinois, March 4, 5, and 6, 1908

Sale will be held in Coliseum

On Wednesday, Thursday, and Friday, March 4, 5, and 6, we will sell 200 imported and home-bred Registered Percherons, French Draft, Shires, Clydesdales, Coach, and Trotting Horses, Stallions, Mares and Fillies.

A number of these imported last year. The following are the consignors: D. Augustin, Carlock, Ill.; A. J. & F. R. Dodson, L. F. & W. A. Boyle, H. S. Hoyman, Sannissippi Farm, Ed Hodgson, A. J. Glick & Son, C. E. Moots, R. D. Humphrey, Fenton Imp. Co., Farmers' Horse Co., J. W. Cavanaugh, Galesville Horse Co., M. L. Ramseyre, Burgess & Son, L. D. Young, F. E. Waters, Chas. Ewing, Simon King, Henry Knoche, C. E. Smith, A. R. Fry, A. & J. Parks, Chas. Sprague, D. A. Albright, S. Herbert, J. P. Wilson, J. J. Gilchrist, Welsh, Weakly & Peck, S. E. Naffzinger, W. J. Naffzinger, Henry Moll.

This will be one of the largest sales of stallions ever held in the State. These are consigned by the very oldest breeders and importers in the State, and out of the very best families and show herds. We don't claim to have all of the prize-winners of France, England, or Scotland, but we do claim to sell you horses that were good enough to win at St. Louis, Springfield, Chicago, and other large shows in 1905-6-7. Catalogues ready February 12.

Our Sixth Annual Sale, October 28-29, 1908.

C. W. HURT, Mgr., Arrowsmith, Illinois

COL. D. L. BROWN, Auctioneer.

MONSEES' Jack and Jennet SALE

THE 31ST AUCTION SALE AT Limestone Valley Farm,

Six miles east of Sedalia, main line M., K. & T. and Mo. Pacific R. R., and two miles north of Smithton, main line Mo. Pacific Railroad.



TUESDAY, MAR. 3, 1908

50 Head of High Class Registered Jacks and Jennets 50

Remember Limestone Valley Farm has produced the champions of the world for twenty years. Every animal guaranteed to be as represented. Nothing priced or sold privately after being catalogued. There will be a special train from Sedalia to Smithton on day of sale, leaving Sedalia at eight o'clock, a. m., and returning at six o'clock, p. m., making connections with all trains east and west on the Missouri Pacific, and north and south on the M., K. & T. Come to Sedalia and then to Smithton. Free conveyance from Smithton to farm. If interested, write for catalogue and come to the sale. You will not be disappointed but highly pleased. We shall be glad to meet you. Respectfully,

L. M. MONSEES & SONS, Smithton, Pettis Co., Mo.

Watson, Woods Bros. & Kelly Company, Lincoln, Nebraska

PERCHERONS — SHIRES — BELGIANS



Low prices and good horses talk with more reason than big ads. We do business on our own money, pay no interest, no salaries. Our expense is so small compared with the number of horses we import that we are enabled to sell a better horse for \$1,000 than other importers ask \$1,200 to \$1,400 for. We give a 60 per cent guarantee and furnish life insurance if desired.

Kansas Farmer Advertisers Get Best Results

JNO. W. JONES & SON**Will Sell****At Concordia, Kansas,****50 Head Duroc-Jersey Bred Sows 50**
Tuesday, Feb. 18.**12 Large, Tried Useful Sows; 12 Fine Fall Yearlings; 24 Growthy, Fancy Spring Gilts (tops this year's crop). Bred to our Six Great Breeding Boars.**

ATTRACTIONS.—The great World's Fair winner, My Choice 50032, one of the grandest sows of the breed; Fancy Xenia 47490, the sow that so many of you have herd headers from by Topnotcher; the \$275 sow, Bird Lou-den; the \$250 sow, Lady Chief 2d; the great producing sow, Fancy Iravan, and her daughter, Iravan 2d; Orion's Bird, the litter sister to Woodlawn Prince. She was second at the State Fair, 1906, and is an elegant sow. Write for catalogue. It fully describes the whole offering. Come to the sale; but if you can't, send bids by mail to either of the auctioneers or L. K. Lewis, Fieldman, in our care at Concordia. All bids treated fair. Free entertainment. Sale in heated pavilion. No postponement.

Jno. W. Jones & Son.**Fourth Annual Jack Sale**
Savannah, Mo., March 5, 1908

24 large black Jacks from 3 to 7 years old, 23 eligible to register. I make a specialty of the large, well bred, big boned, good footed, good head and ears kind; also two good 3-year-old registered Percheron stallions. If you want to buy a Jack that is as represented come to this sale. Write for illustrated catalogue.

G. M. Scott.**HOTEL KUPPER****11th and McGee St.****Kansas City, Missouri**

One of the newest and most centrally located hotel in the city. Absolutely modern in every detail. European Plan, \$1 per day and up

Axline's Bred Sow Sale, Strictly High Class Poland=Chinas**At Independence, Mo., Thursday, Feb. 20, '08****42==Head Poland-China Bred Sows, Richly Bred and Full of Quality==42**

Sired by Chief Perfection 2d, Proud Perfection, Perfection E. L., Meddler, Keep On, Mo's Keep On, On and On, and a number of other great boars. And out of dams of the most fashionable and up-to-date breeding.

ATTRACTIONS.—Fashion Keep by Keep On, Lady Irene by Proud Perfection, Edith U. S. 3d by Chief Perfection 2d, Lady Meddler by Meddler, On's Favorite by On and On.

This stuff will be in the best of condition, and bred for early litters. We have never offered a more uniform lot than are included in this offering, not a mean one in the bunch. Sale held in Independence in a comfortable pavilion. Send for my illustrated catalogue.

E. E. AXLINE,

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Oak Grove, Mo.

Auctioneers, Sparks, Zaun, and Snyder. Mail bids sent to Geo. E. Cole, of The Kansas Farmer, in my care will receive careful attention.

Big Smooth Polands
At Auction**Sharon, Kans., Wednesday, February 19, 1908**

Sale will be held at farm 2 miles east of Sharon in my new sale pavilion.

45 Poland-China Sows and Gilts 45

The useful kind bred to my big-boned boars, Progression 44866 by Expansion and Mogul Ex. 134821 by Mogul. They have bone, quality, and finish and immense size. Progression weighed 600 lbs. at 12 months in good breeding form. Get a sow bred to that kind. Every one will be a money maker for you. This will be the only sale of the big kind in this part of the State. Write for catalogue.

J. D. SPANGLER, Sharon, Kans.

S. W. Alfred & Son sell Durocs at Sharon, February 18.

DUROC=JERSEY
BRED SOW SALE**Sharon, Kans., Tuesday, Feb. 18, 1908**

(Sale at farm just south of town limits.)

50 CHOICE SOWS AND GILTS 50
10 GOOD SPRING BOARS 10

Representing the best blood of the breed. Twenty-five of the females will be tried sows and fall gilts and 25 are well grown spring gilts. All are safe in service to Silk Wonder 3d, a great breeding son of Silk Worm, Buddy K's Bud, a good son of Buddy K. 4th, and Comet, a grandson of Tip Top Notcher and Gold Finch and out of an Oom Paul dam.

This is by far the best offering we have ever made. Write for catalogue and come to the sale.

S. W. ALFRED & SON, Sharon, Kans.

J. D. Spangler sells Polands at Sharon the following day.

The Pagett's Two Days Sale of Duroc-Jersey Bred Sows

— AT —

Beloit, Kansas, Monday and Tuesday, February 10 and 11, 1908

10 Tried Sows and 40 Spring Gilts

SIRES OF OFFERING

Kant Be Beat 10239, Crimson Model 56365, Dandy Orion 33879, Colonel 56365, Hunt's Model 20177, Aksarben 12027, Crimson Red 41671, Ohio Chief 8728, Fancy Chief 24923, and others.

There will not be a light colored hog in this entire bunch. They are nearly all the long-bodied, heavy-boned, broody kind. Will run on alfalfa pasture until sale day, and have been bred to raise good litters. The sows have been bred to my herd boars, Pearl's Golden Rule 68467, Chief Perfection 20609, Big Chief's Son 45659.

Pearl's Golden Rule has been by eminent breeders pronounced the best boar in Kansas for his age, while Chief Perfection holds grand champion honors won at Mitchell County Fair 1906, and Big Chief's Son is the best boar of Big Chief Ohio by Kantbebeat.

SPECIAL ATTRACTIONS.

1 sow by Ohio Chief; 1 sow by Crimson Red, a granddaughter of Crimson Wonder; 3 gilts by granddaughters of Crimson Wonder; 1 gilt by Kant Be Beat out of a Ohio Chief sow; 3 gilts by Kant Be Beat out of a granddaughter of Crimson Wonder; 1 sow that took third at the State Fair 1906.

PEARL H. PAGETT, Beloit, Kans.

11 Tried Sows and 29 Gilts

The Get of

Kant Be Beat, Kansas Wonder, Field Marshal Jr., Chief Perfection, Red Raven, all ranking among the foremost of the breed.

Everything bred to a great son of Ohio Chief, a splendid son of Kant Be Beat, and a sensational son of Chief Perfection.

The dams of offering carry the blood of the most up-to-date strains as will be seen by a glance at the following list of great mothers: Miss Perfection 173550, Millie 130454, Emmeline 85496, Lady Chancellor 134370, Gipsy Lady 86668, Lady Maid 134372, Gipsy Hercules 85498, Gipsy Perfection 158198, Lady May 158186.

SPECIAL ATTRACTIONS.

Lady May, the sow that won second at Lincoln, Neb., in 1906; 3 Kantbebeat gilts that are dandies; 3 Kansas Wonder gilts that are of exceptional merit; 2 Red Raven and 2 Field Marshal Jr. gilts that are good to look at. Every individual in this great bunch is of the extra big, smooth type with all the beauty lines of the smaller kind. Here is a chance for breeders to get something that will add quality and value to their herds, and farmers buying can not go wrong.

L. D. PAGETT & SEGRIEST, Beloit, Kans.

Auctioneers for both sales, Col. John Brennen, Col. Frank Smith, Col. Harry Vanamburg, J. W. Johnson, of The Kansas Farmer, will be in attendance at both sales and any bids sent to him at Beloit, Kans., will be treated fairly. Breeders stop at Commercial Hotel as guests of the Pagetts both days.

Address either party for a catalogue, Beloit, Kansas.

CATALOGUES READY.

AUCTION SALE OF Poland=Chinas

Beloit, Kans., Saturday, February 15

20 Tried Sows--20 Fall Yearlings and Spring Gilts

The offering will consist of 20 head of tried sows, 20 head fall yearling and spring gilts. They will be bred to KANSAS MEDIUM, sweepstakes boar at the Mitchell County Fair 1907; DUDE, who headed the young herd that won second at American Royal 1906. One sow by MISCHIEF MAKER and out of SARAH H. by L'S PERFECTION. One by LAWRENCE PERFECTION 2d and out of LENORA BELL. One by L'S CHIEF out of BIG PERFECTION by SUNFLOWER PERFECTION and will be bred to a litter brother to STATESMAN. One gilt by PERFECT CHALLENGER out of MISCHIEVOUS SARAH by MISCHIEF MAKER will be sold open. One by GLASCO CHIEF and out of HIGHLAND MAUD by HIGHLAND CHIEF JR. This sow is a litter sister to the sweepstakes sow at Concordia and Glasco, and won second at both places. She will be sold safe to KANSAS MEDIUM. Ten fall yearlings by PRINCE HENRY and out of dams by EXPANSION, FIRST QUALITY, BLACK JUMBO. The gilts will mostly be by DUDE by SUNFLOWER PERFECTION.

Logan & Gregory, Beloit, Kas.

Catalogues ready. Auctioneer: Jas. T. McCulloch. J. W. Johnson, Fieldman.

Ward Bros.' Annual Duroc=Jersey Bred Sow Sale

**Is to be held at the farm near Republic,
and 12 miles northwest of Belleville, Ks.**

Wednesday, Feb. 10, 1908

The offering consisting of 40 bred sows and gilts is the best in the history of our public sales.

20 HEAD or MORE WILL BE TRIED SOWS, every one of them sows that have already proven their worth as good breeders in the herd. Everything will be bred for March or early April farrow to such boars as Model H, Paul Jumbo, Wonder Mac by Mac's Pride, Expansion by Jumbo Perfection, and Missouri Advance by Advance Banker. The spring gilts are very growthy by sires like Model H, Paul Jumbo, Belle's Chief 2d, and others. Their dams have the best possible blood lines and are the big, smooth kind. Among the tried sows that are included in the sale are Model Girl 2d by Higgin's Model, Countess 2d by Improver 2d and out of the \$320 sow, Countess; Lady Crimson by Mendenhall's Challenger and out of Miss Crimson, the dam of so much show stuff; Lady Blossom by Mac's Pride, a dandy and the top of one of the best Kansas sales held last winter; Superior Girl 3d, one of the best sows on farm, sired by Crimson Jack by Crimson Wonder, dam by Improver 2d, Belle of Kansas by Prince Wonder by Crimson Wonder and closely related to Kantbebeat on dam's side; Pauline Wonder by Missouri Wonder and winner of first in class at Republic County Fair this year, and a lot of other good ones; in fact, the entire offering is a good one, full of attractions. File your application for catalogue at once.

Ten pure-bred Angora does for sale the day of sale.

Send bids to J. W. Johnson or J. R. Johnson in their care.

Ward Bros., Republic, Ks.

COL. LUTHER, Auctioneer.

Oerly's Great Effort in Poland-China Bred Sows

AT

Oregon, Missouri, Monday, February 10, 1908

60---Head of as good sows as ever went through a sale ring---60

Bred to **Impudence**, **Meddler 2d**, and **Meddler Maker**. One of the fanciest offerings that it is possible to get together. Ten bred to Impudence, eight to Meddler Maker, seven to Meddler 2d, and others to Spellbinder Meddler, Emergency, and other famous sires.

These sows are sired by such boars as Chief Perfection 2d, Mischief Maker, Meddler, Meddler 2d, Prince Alert, Perfection E. L., Impudence, Spellbinder, S. P.'s Perfection, Keep On, On and On, Corrector 2d, and Corrector.

ATTRactions

Sister Martha by Prince Alert, bred to Meddler 2d; Purity by Meddler, bred to Meddler 2d; Josephine by Phenomenon, bred to Meddler 2d; Busy Bee by Corrector 2d, bred to Meddler Maker. One by Keep On bred to S. P.'s Perfection, one by Keep Ahead bred to Impudence, one by Keep Sake bred to Impudence, one by Meddler out of Lady Keep On bred to Impudence. In fact they are all attractions; not a bad one in the lot.

If you are looking for the kind that are always in demand, don't fail to attend this sale. Catalogues are now ready. Send mail bids to Geo. E. Cole, of the Kansas Farmer.

F. E. OERLY,

Oregon, Missouri

C. M. Garver's DISPERSION SALE OF SHORTHORN CATTLE POLAND-CHINA HOGS

Monday, February 17, 1908,

IN SALE PAVILION AT FAIRGROUNDS

Abilene, Kansas

26 Head Richly Bred Poland-Chinas 26
25 Fall Yearlings, 1 Boar

The get of Highland Chief Jr. 29364, Advance 36692, Peacemaker 102761A.

Will also sell one-half interest in Stemwinder 42902, the boar that won first in under 18 months and grand champion any age at Dickinson County Fair. He is a great combination of size and quality.

The individuals in this offering are of the extra big type.

45 -- Head Shorthorn Cattle -- 45

Including the Scotch Herd Bull, Royal Glaston.

Twelve cows with calves at foot. Seven yearling heifers, one of them sired by the great Choice Goods. Several choice two-year-old heifers, one of them a first prize winner, and one pure Scotch heifer that is a splendid individual. Seven yearling bulls of the short-legged, blocky type. Breeders can stop at Central Hotel.

Jas. W. Sparks, J. N. Burton, W. C. Curphey, H. Little, Auctioneers. G. W. Johnson, Fieldman.

C. M. GARVER, - - **Abilene, Kansas**

C. H. Pilchers' Blue Ribbon Polands

At Glasco, Kans. February 14, '08

45 Head Rich Blooded Poland Chinas 45

25 Gilts of Fall and Spring Farrow
15 Tried Sows and 5 Boars

The Get of

Glasco Chief 64947, Nonpareil 86105, Sunflower Lad 63223, C.'s Choice 36531, Keep Coming 37114, Boy Perfection 63615, Midnight Jewell 63199, Star Perfection 64949, Grand Perfection 36031, Winning Graniteer 76341, Ontier 39155, Conqueror; and out of cows carrying the most popular blood of the breed.

Special Attractions--Low Down 87164.

Dam of Conqueror. The tears come to my eyes when I think of parting with this great sow, but two of her gilts will stay in my herd. Low Down has sons at the head of good herds and daughters that have gone to good herds.

One spring gilt and two fall gilts by Glasco Chief are simply grand and they too will be special features.

Auctioneers: McCulloch and Valandingham. Send mail bids to either auctioneer or J. W. Johnson, of The Kansas Farmer, in my care. Breeders, stop at Cline Hotel.

C. H. Pilcher, J. W. Johnson, Glasco, Kansas

Feb. 24

REED'S

Feb. 24

Closing Out Sale

OF ENTIRE HERD OF POLAND-CHINAS

At Frankfort, Kans.,**Monday, Feb. 24, 1908****20 Tried Sows****15 Fancy Gilts****The Great Indiana 2d and Lail's Perfection.**

The greatest offering that will go in any sale ring this year, all bred for early litters. Send for catalog. See field notes. Send bids to J. W. Johnson.

HOWARD REED

Auctioneer, Jas. W. Sparks.

T. P. Teagarden**Wayne, Kans.,**Sells Duroc-Jersey Bred Sows
at his farm adjoining town,**Friday, February 19, '08**

The offering numbers 39 head and consists of 32 spring gilts that are well grown out, 3 fall yearlings, and 4 tried sows. They are a fine, growthy lot and have the best of feet and lots of quality and finish with the desirable size.

Famous Boars that Sired Offering.

Ripley Top Notcher 42697, one of the best breeders in Kansas. Belles Chief II 62881, owned by J. E. Joines, of Clyde, Kans. Young Model 33111, a grandson of Higgin's Model. Chester Mc 55089, a grandson of Improver 2d. Shorty Orion 53341, now at head of Jno. W. Jones & Son's herd. Auction Boy 3d 23471. Kanlio Chief 37491, and others of equal note.

Catalogues ready to mail now. Free transportation will be furnished from Agenda on the Rock Island, Talmo on the Union Pacific, and Wayne on the B. & M. Those desiring to attend the W. C. Whitney sale at Agra, Kans., on the day following will be furnished free transportation to the Rock Island.

T. P. Teagarden**Wayne, Kans.**

Jas. T. McCulloch, Auctioneer. J. W. Johnson, Fieldman.
J. W. Jones will sell Duroc bred sows at Concordia the day before my sale.

W. C. WHITNEYSelling a Draft of Duroc-Jersey
Bred Sows at**Agra, Kans., Wednesday, Feb. 20**

The offering numbers 40 head and consists of 12 tried sows, 10 fall yearlings, and 18 spring gilts.

I am extending to my breeder friends a very cordial invitation to be at this sale, which is my first effort in this direction. I have selected this offering very carefully and believe it reflects credit on my herd.

The offering was sired by Lone Jack (the great sire at the head of my herd), Auction Boy 3d, Tip Top Notcher, Joe Folk, Corrector A, and Bell's Chief 2d.

On the dams' side are such good mothers as these: Miss G. W. 126444 out of Tip Top Notcher 20729 out of Rose O. Grady's 80848 is the dam of two fall yearlings; Genevieve 67866; Chloe W. 126448 is the dam of an extra yearling sow bred by Combination 32035, he by Bell's Chief and Bishop's Choice.

SPECIAL ATTRACTIONS.—Whitney's Bessie out of Bessie H. and Parker Mc, a 2-year-old sow that is a great individual and the best of mothers. Geneva's Pet 157014, one that was bought at the K. C. Royal 1906, bred by W. W. Wilcox and in first prize litter and first prize young herd; farrowed a litter of 13 pigs and raised 11 of them.

W. C. Whitney, Agra, Kan.

John Brennen, Auctioneer. J. W. Johnson, Fieldman.

Free accommodations for breeders. My sale follows the T. P. Teagarden sale at Wayne, Kans. Come direct to Agra the same evening on the Rock Island. Catalogues ready.

E. M. MYERS,**Burr Oak, Kans.,**Will sell a Draft of Duroc-Jersey Bred
Sows from his splendid herd
at that place**Friday, February 21, '08**

The sale will be held in town and under cover.

The offering numbers about thirty-five head and consists of 15 tried sows and 20 spring gilts. The sale is the day following W. C. Whitney's sale at Agra and can be conveniently reached either the same evening or the next morning. Returning, the best of connections can be made for any direction. I am aiming to start right with my first bred-sow sale, and feel confident that I am doing so. The offering is not a large one but good and useful throughout. Everything is safe to the service of Ohio Prince, a splendid grandson of Ohio Chief and Wonder Bob, a son of Nebraska Wonder. Both herd boars have many friends and we want you to see them.

Sires and Dams of Offering.

Myers' Improver 48689, a grandson of Improver 2d, Ohio Prince 54555, Model Chief 38481, Surprise 3d 50249, Prince Wonder 42455.

Fancy Bird 87734, a daughter of Loudon's Bird 48482.

Raven's Lass 158815, a daughter of Red Raven 47607.

Burr Oak Girl 123928, and other good ones.

Free hotel accommodations at Commercial Hotel.

E. M. Myers, Burr Oak, Kans.

John Brennen, Auctioneer. J. W. Johnson, Fieldman.

W. C. Whitney sells Duroc-Jersey bred sows the day before at Agra, Kans.