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# KANSAS FARMER.

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## "CONFIDENCE."

Can financial disturbances be prevented?

The opinion that the disturbance of 1907 came more by design than by accident is becoming prevalent, especially in the West.

Circumstances favored the schemers. Every fall the money centers suffer considerable depletion on account of demand for currency to pay for the crops.

This year the difference between real values of some corporation stocks and the artificial prices at which they were selling on the market was uncovered in consequence of certain proceedings brought in the courts by direction of the Roosevelt administration. This exposure resulted in tremendous shrinkage in the borrowing power of persons who were using these stocks as securities for loans. These loans were carried by banks, and more especially by certain large institutions doing a semi-banking business.

The fall in prices made it necessary for the borrowers to increase their margins, to take up their securities, or in some way to protect their interests. The demand for ready money in Wall Street became phenomenal just at the time when the large shipments of currency to the West and South were required to pay for the crops.

Those whose schemes for unloading upon the investing public large quantities of corporate stocks at fancy prices had been undone by the administration in its efforts to secure a "square deal" had here their occasion and their opportunity. If they could give the President and the country an object lesson and at the same time make big profits on the operation, why should they hesitate?

One of the ways of making profits in Wall Street is to contract to deliver certain stocks at a certain price. If the price falls below this contract price, the operator can buy the stocks at the lower price, fill his contract, and have the difference for profit. In practise the stocks are in general, not delivered, are at no time in possession of the operator but the purchaser pays to the seller the difference in case of a fall or receives from the seller the difference in case of a rise.

Under the conditions prevailing a month ago the operator had little trouble in forecasting and contributing to a great depression in prices of stocks.

Whispers uttered in some quarters easily started runs on financial institutions which were known to be loaded with the depreciating securities. Timid depositors who were not informed of the scheme as well as those who knew the program became uneasy, and withdrew their money and placed it in hiding, some in safety deposit vaults and others in various receptacles, but all where it could not be drawn upon in payment for produce or for purposes of speculation.

One of the unfortunate facts of cases like this is the insistence with which the small depositors withdraw their money from circulation. Fear of loss is the actuating cause in the case of each depositor. Some of the effects are to depress prices, to produce lassitude in industry, and, in the worst cases, to create an army of unemployed.

If the depositors could be assured against loss from leaving their money, in the banks and other institutions in which they have been earning a small increment by being loaned to enterprises able to use borrowed money profitably, the schemers would find it difficult to manipulate the money markets as they are able now to manipulate them with this widely distributed help. Indeed the chances of successful manipulation would be so scant that the undertaking would not probably be thought worth trying. Can the schemers be deprived of the help of this army of well-meaning men and women?

A bill was introduced in the Kansas Legislature which provided for the accumulation of a large fund to be invested in safe, interest-bearing bonds. This fund was to be collected from the banks and held by the State. With this indemnity in the Treasury, the State was to guarantee all depositors against loss from the closing of any bank. To make this guaranty good the State should immediately pay the depositors of any failed bank indemnifying the treasury from the fund contributed for this purpose.

The plan is a good one, but as a State measure it could be made to apply only to State banks. Realizing that the absolute safety of the depositors in State banks thus protected would constitute a great advantage which the National banks of Kansas could not share some of these National banks opposed the measure.

It is perfectly feasible, however, to provide protection for National bank depositors in similar fashion except that the measure should be a National measure.

Much is said about a need for a currency flexible in amount, but, by making the depositor absolutely and manifestly secure he will be inclined to leave his money where it can continue in use in times when most needed instead of, as now, producing a flexure in the wrong direction under the impulse of fear.

The monetary systems of even the most advanced peoples are far from perfect. THE KANSAS FARMER expects that they will be greatly improved, but it is strongly of the opinion that it is wiser to so supervise banking and related institutions as to make the depositor absolutely safe in continuing his deposits in times of stress than to take any part of the security he now enjoys as a basis for a "flexible currency."

The limit proposed for issues of the asset currency through which increase in the currency in time of need is to be attained is 50 per cent of the bank's assets. A bank's assets consist largely of notes for loans made to its customers. These loans consist largely of depositors' money. If depositors demand this money, take it out, and hide it away, the banks are in trouble, for it is not possible to realize in a moment on its notes. There is at this time just as much money in the country as ever. Indeed, there is much more money in the United States now than there was a month ago. But fear of loss or of inconvenience in getting it when wanted has caused much of it to disappear, to go out of use. The pledging of the assets of the banks—the notes taken for depositors' money—to secure the

obligations of the banks on account of asset currency would doubtless add to the uneasiness of depositors and might easily induce withdrawals to larger amount than could be replaced by the proposed new currency.

The present disturbance is caused not so much by lack of sufficient volume of currency in the country as by lack of confidence. To assure the perpetuity of confidence by making sure that it is well placed is a better kind of financial wisdom than to attempt by makeshift methods to administer an antidote for the effects of loss of confidence.

The confidence upon which 92 per cent of the country's exchanges are carried on can be made enduring by making the instruments of financial dealings absolutely safe for the user, just as the paper money of today is made safe for the holder. The contrast between the safety of the paper money of to-day and that of fifty years ago, is not greater than should be the contrast between the changing, even evanescent, confidence of today and the unvarying confidence we should have in the immediate future.

Government guaranty makes the paper money good. Government guaranty should make financial confidence safe. The Government exercises strict supervision of issues and holds sufficient securities to indemnify all losses on account of its guaranty of the currency. The Government may and should exercise strict supervision and take equally ample security for its guaranty of the safety of confidence.

When this shall have been done there should be no more financial disturbances made to order.

## THE WORLD'S LARDER.

If the artificial depression in prices of food stuffs at the end of October and the beginning of November shall have produced the impression that the statistical position of these products may have been misrepresented and that the situation did not justify the high prices that prevailed a few weeks ago, such impression should be dispelled by reading the following from the London, Eng., Correspondent of the U. S. Crop-reporting Bureau, under date of October 30, 1907.

"Probably the chief factor influencing the wheat market during the month has been the continued drought in India and Australia. According to general opinion important relief from the wheat shortage in Europe and North America can no longer be expected from those dependencies. In the Punjab and the United Provinces, where fully two-thirds of the wheat crop of India is grown, the drought remains unbroken. Failure of the native food crops in parts of the Empire is considered imminent, rain having fallen only in Burma, Bengal, Eastern Bengal, and some of the Madras districts; prices have risen and plans for the relief of the natives are in preparation. Anxiety for the Australian crops has likewise become more intense, owing to continued absence of rain. From Argentina, on the other hand, come reports of the excellent progress of the crops, although there are some recent complaints of hail and excessive rain. The damage from locusts so far seems slight, and active steps have been taken to prevent serious loss from that cause.

"The lately harvested European crops have given varying results. The corn crop is generally deficient, especially in the Danubian countries, where this grain is widely used for human food; had the yield been good, it might have been substituted largely for wheat in the native diet, and thus have increased the wheat surplus available for exportation. In Russia potatoes promise a satisfactory yield, but in Great Britain, Germany, and Austria the crop is badly diseased. Beets have made good progress in Austria-Hungary, were continued dry weather has increased the sugar content, but not the tonnage. In Prussia, however, sugar beets are rated slightly lower than last month.

"The new sowings have taken place

under favorable conditions only in Spain, Italy, and Germany. In Great Britain and France excessive wet has greatly impeded the fall plowing and seeding, while over large parts of central and eastern Europe, on the other hand, continued drought has rendered these operations almost impossible. While seeding time is not yet over, the work has suffered vexatious delay, and belated sowings increase the danger from early frost and cold. The young plants, moreover, have not come up vigorously, and in many places have suffered injury from insects and field mice."

This general summary is followed by detailed accounts by countries all of which go to indicate insistent demands for heavy shipments from this country. The world's larder is short of supplies.

## QUESTIONS OF WATER RIGHTS.

EDITOR KANSAS FARMER:—A, B, and C live on a small stream and have adjoining lands. A and B live above C. C desires to construct a reservoir by building a dam across the stream on A's and B's land and to take water from reservoir to C's land for irrigation purposes by way of ditch crossing A's and B's land.

Can C. force A and B to sell him land for reservoir site?

Can C force right-of-way for ditch?

Can C get prior right to the water of a State stream for such reservoir? If so by what process of law can he do it?

In filing first papers for such a right will he be required to give exact location of reservoir?

Grant County. SUBSCRIBER.

Provision is made in the Kansas Statutes, Chapter 133, Art. 3, Sec. 1, Laws of 1891, for obtaining "right-of-way and site for diverting, storing, or conveying water to be applied to industrial uses" . . . "over and through any land," etc.

Chapter 115, Sec. 1, Laws of 1886 provides that the right to the use of running water flowing in any river or stream in this State, for the purposes of irrigation, may be acquired by appropriation. As between appropriators, the one first in time is the first in right." It is necessary, however, in order to hold his right that the appropriator shall use the water appropriated.

The proceedings necessary to the appropriation of water and to obtaining right-of-way and site are laid down at considerable lengths in the statutes referred to and in other parts of the irrigation laws. It will be well for our correspondent to read these carefully. If then he can buy from his neighbor the needed site and right-of-way at reasonable prices, this is, of course, the better course to pursue. If he can not make the purchases and thinks the situation is such as to warrant the expense, he should employ the best attorney he can find to conduct condemnation proceedings for him. In this case he will have to pay for the sight and right-of-way such price as may be awarded under the condemnation proceedings.

It will be necessary to determine the location of reservoir in order to ascertain the amount of damage to be paid whether under contract or under condemnation proceedings. A change of location might make a new deal necessary.

## Miscellany

### Sound on the Situation.

EDITOR KANSAS FARMER:—I want to congratulate you on the two articles, in recent issues, concerning the financial situation. They were so clear and full, and went to the root of the subject in such a manner as to make all transactions in ordinary business plain to every reader. They are more calculated to allay suspicion, prevent uneasiness, and assure confidence, than any article I have read.

Of course reason for suspicion is want of knowledge, and to a great many people anything connected with



a "bank" is a mystery, while as a matter of fact there is scarcely any business less complicated than the ordinary banking that most people come in contact with.

To many people "value" and money are synonymous when applied to banking. Jones's horse has an actual value of one hundred dollars, but it is not one hundred dollars. The banker's note on Jones has an actual value of one hundred dollars, but it is not one hundred dollars, though it is as good as the horse, plus Jones and his desire to pay an honest debt.

THOS. W. GAW.

Citronelle, Alabama.

#### Needed Financial Legislation.

EDITOR KANSAS FARMER:—The panic foretold years ago is upon us. Three years ago Jacob Schiff the New York banker addressing the Bankers Convention said that our banking system was defective and unless remedied, would inevitably produce a panic and hard times. His speech was endorsed by ex-Secretary Gage, who said that our banking system was a disgrace to the Nation.

Our banking system was started about forty-five years ago as a war measure. To make the State banks change at once to National banks, Congress levied a 10 per cent tax on all other currency. This tax has been left after all need of it has passed, thus preventing any improvement.

The National currency was a great improvement on the State "wild cat" currency. About the same time we got the old hand rake reapers. They were a great improvement on the cradle and sickle; but they were left open for improvement. The result was the self binder, while we have to do our modern business on the banking system of 1862.

Now let Congress repeal that 10 per cent tax. Then let the State Legislature pass a law allowing the State banks to mortgage improved land to the State for half its value and the State issue State currency on the mortgages endorsed by the bank as the National Government issues National currency on Government bonds. Let those mortgages draw 6 per cent interest, 2 per cent to go to the State for its supervision of the banks (which would make an immense profit for the State) and 4 per cent to be applied on the debt. Then the farmer instead of mortgaging his farm to an eastern loan company and paying 6 per cent interest would mortgage it to the State through his bank and pay 2 per cent interest and 4 per cent principal.

This currency backed by the State endorsed by the bank and secured by twice its value of land would be the safest we could get, and would add millions to the wealth of the State. A farm mortgaged to the State for \$4,000 would be worth \$160 a year more than if mortgaged to a loan company. We could finance our railroads and enterprises ourselves and lend money to other States.

Harvey County. W. M. McC.

#### Shawnee County Boys' Corn Contest.

The corn grown by the contestants in the second Shawnee County boys' corn-growing contest will be on exhibition at the Auditorium on Friday and Saturday, November 29 and 30, when it will be judged by experts from the State Agricultural College and the prizes will be awarded.

The boys who have grown corn in this contest will be expected to deliver their prize ears at the Auditorium Friday afternoon, or to send them with the committeemen from their respective townships. The corn will be arranged Friday afternoon.

Saturday morning Professor A. M. TenEyck, professor of agronomy at the State Agricultural College, will grade the exhibits of corn. He will be assisted in this by the Shawnee County students in the State Agricultural College, who are taking the special corn course. The doors of the Auditorium will be closed to the public while the judging is being conducted.

It is hoped that a representative of

the United States Department of Agriculture will be present for the contest to speak Saturday afternoon.

At 1:30 o'clock Professor TenEyck will lecture at the Auditorium on the growing of corn. A request has been sent to Mrs. Calvin, head of the domestic science department at Manhattan, to be present and give a talk on domestic science. This will be especially for the women.

Immediately after this the chairman of the county committee, Hon. Bradford Miller, will announce the names of the winners in the contest and will award the prizes.

The ten boys whose exhibits of corn grade highest will be sent to Manhattan in January for the annual farmers' institute and the State boys' corn-growing contest. They will be sent by the Topeka Commercial Club, which will pay all their expenses during the four or five days they will spend in Manhattan. In addition to this the boy whose corn grades highest will receive a handsome riding bridle. The boys whose ears of corn grade from eleventh to fifteenth, inclusive, will receive \$4 each in cash. Sixteenth to twentieth, inclusive, will receive \$3 in cash; twenty-first to thirtieth, \$2, and thirty-first to thirty-fifth, \$1 each. The total cash prizes will amount to \$60.

The first ten prizes are worth approximately \$10 each. In addition to these prizes to the winners, Bradford Miller has obtained subscriptions from the merchants with which to provide a dollar jack-knife for each boy taking part in the contest.

Mr. Miller has invited the Topeka and Shawnee County young women who are students in the domestic science department at Manhattan to be present and to contribute some products of their skill to the exhibition that will be a part of the program at the Auditorium. Next year there will be some kind of a contest for young women in connection with the corn-growing contest.

As a part of the corn contest, there will be a display of products of corn on one large table. It is expected that all of the products of corn, with the exception of whisky, will be on exhibition. The committee in charge of the contest is desirous that the women who have some fancy corn dishes of their own, send samples for this contest. An instance of this is an Auburn township woman, who makes light bread from cornmeal. She will be invited by the committee to send some of her bread to the exhibition. A number of the Topeka grocers and wholesalers have also promised to contribute manufactured products of corn to help make this part of the contest as complete as possible.

The following are some of the corn products that enter the channels of commerce according to a recent statement made by Prof. Holden, of Ames, the corn expert. Cornmeal, hominy, hulled corn, cream of maize, granulated cornmeal; canned malzena, samp, cream meal, degenerated samp, self-rising pancake flour, quick malt, brewers' grits, husks for mattresses, cellulose for packing the cofferdams of battleships, paper stock prepared from cornstalk, degenerated brewers' meal, Bourbon whisky, alcohol, bolted cornmeal, hulled cornmeal, feed of ground blades, stalks and cobs, varnish, cob pipes, corn lager beer, table syrup, popcorn, table grits, British gum, salves, laundry starch, table starch, frumentum, flaked hominy, gum paste, corn oil, vulcanized corn oil, oil cake, grape sugar, gluten feed, glucose, confectioners' crystal, confectioners' paste. Corn oil, vulcanized, forms the basis of a substitute for rubber. The latter substitute, compounded with 60 per cent commercial rubber, is used in rubber boots, lineoleum, wheel tires, blankets and other articles. Crude corn oil has been used in the manufacture of toilet soap; rectified, it is clear as alcohol, and is the basis of a substitute for olive oil. Corn stalk pith is of value in making paper, varnish, films, imitation silks, gun cotton and other explosives.

The United States corn crop in 1906 amounted to 2,927,000,000 bushels, as

compared with 2,708,000,000 in 1905. The 1906 crop was the largest ever harvested in this or any other country.

#### Points of the Pure-Food Law.

The following summary of important provisions of the new pure-food law is from John Kleinhans, an inspector for the Kansas State Board of Health:

"October 1, all goods are required to be correctly labeled under the law, and if the jobber or the retailer has in stock goods not legally labeled he must get stickers from the manufacturer correcting them.

#### "MUST BEAR TRUTHFUL LABELS.

"If maple syrup is not the pure maple sap it must show on the label what it is, and if made from glucose and cane sugar with the flavor of maple it must say so on the label.

"Baking powder must show its ingredients on the label—a cream of tartar powder as well as an alum powder or phosphate powder.

"Jellies, jams, and preserves which are not made from the pure fruit with sugar must show on the label the ingredients of their compound.

"Where any preservative is used which is permissible by the department in a food product the kind and per cent used must be shown on the label. The same requirements concern the use of color in food products.

"Dried fruits that are sulfur bleached must be so labeled on the box, and if taken from the original package such displayed package must be labeled, 'Sulfur Bleached.'

#### "TO EXPOSE IMITATIONS.

"Whenever any food product is an imitation it must be so labeled and all artificial flavors sold heretofore as 'extracts' must be labeled 'artificial' (strawberry, raspberry, banana, pineapple) and this applies even when used in candies, preserves, etc. The same rule applies to the use of coloring matter; the label must tell the story. For instance, 'lemon extract,' to be sold as such, must contain five per cent of oil of lemon, and vanilla extract must contain ten per cent of vanilla bean substance. If a compound, the ingredients must be plainly shown.

"All sub-standard goods must be sold as flavors, not extracts, and where color is used it must be stated.

"Pop, ice cream, etc., if not made with pure fruit flavors or if coloring matter is used, must be labeled, expressly stating that it is colored and that the flavoring is artificial." Mr. Kleinhans says that in traveling over the State he finds that most pop and soft drinks (ciders) contain coloring matter and artificial flavors.

#### "NO MORE ALUM PICKLES.

"After September 1, 1908, pickles containing alum will be illegal to sell under the law. The department on October 4, after a conference with the pickle and vinegar men and in perfect accord with their wishes, and the law, prohibited the use of color in vinegar and gave the retail dealer until July 1, 1908, to dispose of stock on hand. By this ruling the consumer will know if he is getting a distilled vinegar made from grain or an apple vinegar made from apples, as distilled vinegar is white in color. Both vinegars are standards under the pure-food law and both are in the same class as regards to purity.

#### "AND CANDIES TOO.

"Candies if flavored with artificial flavors or imitation vanilla (vanillin) or imitation chocolate must be so labeled telling the whole story. Mineral substances of all kinds are prohibited in the manufacture of candy and only such colors as are approved by the department and which are absolutely harmless are allowed. In the manufacture of candy the law does not require color to be stated on the label, as in this product if color is used it can readily be seen.

"When food products such as candy, pickles, chow, mince meat, etc., is taken from the original barrel or package and exposed for sale in the display or show case, it must be la-

beled as is the original barrel or package.

#### "INSPECT MEAT MARKETS.

"Slaughter houses and meat markets are given special attention by the inspectors. They must be kept clean and the meat free from taint and chemical preservatives. If the inspector finds a merchant handling such illegal products the fine would be \$300, as great danger lies in tainted and doctored meat. If premises, ice boxes, etc., are found dirty he makes out an order leaving a copy with the owner, for immediate cleaning up, usually giving him mighty short time in which to do it. Groceries must be kept in a clean and sanitary condition so far as ice boxes or other receptacles for food are concerned, and pickle, lard and other barrels containing bulk goods must be kept covered."

Mr. Kleinhans says he finds some ice boxes with clean floors and side walls and hanging racks, but with drip pans and drainage pans that are absolutely filthy, with a slimy accumulation of dirt and filth. Such boxes can not be kept sweet. This can be very easily detected by the odor of the box, or upon examination of the pans.

#### ORDERS TO HOTELS.

The same orders are given bakers, restaurants and hotels, and he says if people could only know of some of the conditions he found in some places in this State they would lose their appetites.

Mr. Kleinhans has been over the entire State and says the manufacturers, jobbers, retailers, and consumers, all welcome the pure-food law and ask for its rigid enforcement.

#### New Schedule of Freight Rates.

AS RELATING TO PRODUCER AND CONSUMER.

The constructing of a distance tariff quoting freight rates on classes and commodities for a great State like Kansas is at best a very intricate affair. While vitally interesting to both the producer and consumer, such a tariff is, of necessity, one rather difficult to understand, and on account of the many inquiries received from shippers of this class asking an explanation of the tariff, this article is written.

#### DISTANCE TARIFF.

The new schedule of rates prepared under the direction of the Board of Railroad Commissioner is what is known as a "distance tariff." It derives its name from the fact that it is founded upon distance, with commercial conditions a secondary consideration, rates on the classes and all the commodities staple to Kansas being quoted for each five-mile distance up to 200 miles, and each ten-mile distance thereafter to 500 miles. The class rates carried in the tariff are 1st class, 2d class, 3d class, 4th class, 5th class, and classes A, B, C, D, and E; and the commodity rates are on lumber, hard, soft, and slack coal, salt, wheat, and a large number of articles taking wheat rates; other grain, which includes corn; horses and mules, cattle, hogs, sheep, brick, sand, hay, lime, cement, and stone. To find the rate on any article not named in the list of commodities the shipper must refer to the Western classification, on file with all depot agents, where he will find the particular class to apply.

#### APPLICATION OF DISTANCE TARIFF.

The rates quoted in the distance tariff apply as maximum to all other rates on shipments between points in Kansas. That is to say: The terminal rates on cattle, hogs, sheep, grain and its products, and hay, from stations in Kansas to Kansas City, Atchison and Leavenworth, shall not be greater than the rate given for a like distance under the distance tariff. The same is true of coal, brick, lime, cement, salt, sand, stone, and other staple commodities moving from points of production to points of consumption, the rates for the transportation of which the Kansas producers and consumers are vitally interested in.

#### REDUCTION OF RATES.

The reductions in rates provided for



by the new schedule on the above-named commodities, as well as on merchandise, is approximately twenty per cent. The freight rates now paid for the transportation of such commodities will be reduced one-fifth. Investigation has shown that Kansas is now bearing a very unjust proportion of the freight-rate burden of the country.

#### JOBBER'S RATES.

The twenty per cent reduction in present rates brought the new schedule of distance-tariff rates below the present jobbers' scale of rates, thereby destroying the parity of merchandise rates heretofore existing between the river and interior jobbing points. To meet this condition it was necessary for the Board to make a schedule of jobbers' and differential rates, this in order that the river and interior jobbing centers might lay their merchandise down at competitive points in Kansas at as near the same amount of freight as possible, and maintain a tariff which can be defended in the courts. There will, of necessity, be considerable agitation over these jobbers' rates on account of the fact that it is but natural that each jobber of merchandise, whether located on the Missouri river or in interior Kansas, desires to maintain all his present trade advantages and in the general scramble secure all additional benefits possible.

#### PRODUCER AND CONSUMER.

The jobbing interests of Kansas are not materially interested in a reduction of freight rates, their interest lying almost solely in the equality or parity of their rates with those of their business competitor. It is almost solely the producer and consumer who pay the freight, and to assist this great unorganized mass was the chief object of the Board in preparing the new rates. The only interest these two classes of shippers have in the parity of rates is that the rate be so adjusted as to give them the widest possible range of markets in which to buy and sell, and it will be the aim of the Board to conserve their interests in this regard. The jobbing interests of both the river and interior commercial centers are highly organized and amply able to take care of themselves before the Board and the courts. The large daily newspapers of the State are located at these commercial centers, and will naturally take much interest in the jobbers' rates and extension of trade benefits to their several localities. It is quite likely that none of the jobbing centers will get all the good things they would like, as the Board must do two things: First, build a tariff it can defend in the courts; and, second, protect the interests of the producers and consumers as well as of the jobbers.

#### COMMERCIAL CONDITIONS.

There are many technical and annoying commercial conditions prevailing in the business life of Kansas and its relation to the markets of the world, but it should be remembered that all these conditions can not be taken care of in the building of a distance tariff, because the rates quoted in such a tariff apply on shipments between any two stations in Kansas, and not only between the two cities where the commercial conditions exist. Generally speaking, such conditions must be taken care of by the making of terminal rates on the specific article of merchandise between the points where the commercial condition prevail. E. C. SHINER, Secretary, Kansas Railroad Commissioners.

#### The United States Crop Report.

The crop reporting board of the Bureau of Statistics of the Department of Agriculture, under date of November 8, 1907, finds, from the reports of the correspondents and agents of the bureau, as follows:

The preliminary returns of the production of corn in 1907 indicate a total yield of about 2,553,732,000 bushels, or an average of 26.0 bushels per acre as compared with an average yield of 30.3 bushels per acre (2,927,416,000 bushels) as finally estimated in 1906, 28.8 bushels in 1905, and a ten-year average of 25.4 bushels.

This and other preliminary estimates of yields are subject to such revision and correction as may be found proper when the final estimates of the bureau are made next month.

The following table shows for the twenty-five principal corn States the preliminary estimates of total production and of average yield per acre in 1907, with the final estimates of yield per acre for 1906 and the ten-year averages, in bushels:

	Total production, 1907, preliminary.	Average yield per acre		
		1907 preliminary.	1906 final.	For ten years.
Illinois.	342,756,000	36.0	36.1	34.0
Iowa.	291,092,000	30.5	39.5	32.5
Nebraska.	179,228,000	24.0	34.1	27.7
Missouri.	221,526,000	31.0	32.3	28.0
Texas.	155,589,000	21.0	22.5	19.0
Kansas.	155,142,000	22.1	28.9	22.1
Indiana.	168,840,000	36.0	39.6	34.5
Georgia.	57,538,000	13.0	12.0	10.6
Ohio.	113,903,000	34.6	42.6	34.9
Kentucky.	87,392,000	28.2	33.0	26.0
Tennessee.	78,364,000	26.0	28.1	22.4
Alabama.	45,896,000	15.5	16.0	13.0
North Carolina.	45,078,000	16.5	15.3	13.7
Arkansas.	40,024,000	17.2	23.6	18.8
Mississippi.	37,111,000	17.0	18.5	15.2
Indian Territory.	51,788,000	24.2	33.6	27.2
Oklahoma.	58,751,000	24.5	32.9	23.5
South Carolina.	29,807,000	15.1	12.2	9.8
South Dakota.	45,416,000	25.5	33.5	26.6
Virginia.	46,025,000	25.0	24.3	21.3
Louisiana.	28,000,000	17.5	17.2	16.8
Minnesota.	39,096,000	27.0	33.6	29.4
Michigan.	45,270,000	30.1	27.0	32.0
Wisconsin.	46,688,000	32.0	41.2	33.6
Pennsylvania.	45,922,000	32.5	40.2	34.5
United States.	2,553,732,000	26.0	30.3	25.4

The general average as to quality is 82.8 per cent, as compared with 89.9 last year, 90.6 in 1905, and 86.2 in 1904. It is estimated that about 4.5 per cent (130,995,000 bushels) of the corn crop of 1906 was still in the hands of farmers on November 1, 1907, as compared with 4.4 per cent (119,633,000 bushels) of the crop of 1905 in farmers' hands on November 1, 1906, 3.3 per cent of the crop of 1904 in farmers' hands on November 1, 1905, and 5.3 per cent, the ten-year average for old corn on hand November 1.

The preliminary estimate of the average yield per acre of potatoes is 95.3 bushels, against an average yield of 102.2 bushels as finally estimated in 1906, 87.0 bushels in 1905, and a ten-year average of 85.5 bushels. A total production of 292,427,000 bushels is thus indicated, as compared with 308,038,000 bushels finally estimated in 1906. The average as to quality is 88.3 per cent, as compared with 90.0 one year ago, 85.4 in 1905, and 93.4 in 1904.

The preliminary estimate of the average yield per acre of flaxseed is 9.0 bushels, as compared with the final estimate of 10.2 bushels in 1906, 11.2 bushels in 1905, and a five-year average of 9.6 bushels. A total production of 25,420,000 bushels is thus indicated, against 25,576,000 bushels finally estimated in 1906. The average as to quality is 89.7, against 92.7 in 1906, 94.6 in 1905, and 92.0 in 1904.

The preliminary estimate of the average yield per acre of rice (rough) is 33.1 bushels, as compared with 31.1 bushels finally estimated in 1906, 28.1 bushels in 1905, and a four-year average of 31.0 bushels. A total production 21,412,000 of bushels is thus indicated, as compared with 17,855,000 bushels finally estimated in 1906.

THE KANSAS FARMER needs more representatives. Here is your chance. Good wages for any man or woman, boy or girl, either for full or part time. Write us about this.

#### Reform in the Method of Revising the Tariff.

The following open letter from the chairman of the National Association of Manufacturers, the late National Foreign Commerce Convention, and the American Reciprocal Tariff League is well worth considering:

"Just a word on a plain business proposition.

"Adequate protection to American labor and industries is the established policy of this country. It is a notorious fact, nevertheless, that existing customs classifications, as well as rates of duty, are sadly out of line with conditions now prevailing in the world of trade. Many of those, however, who realize this fact, are inclined to postpone as long as possible

the work of readjustment for the reason that tariff changes as heretofore made have unsettled business. The question arises, therefore, is there no way in which abuses can be corrected, our foreign trade safeguarded, and justice served the consuming public, without menacing the general prosperity?

"Three great National conventions of commercial and agricultural interests, to-wit: the National Reciprocity

	Total production, 1907, preliminary.	Average yield per acre		
		1907 preliminary.	1906 final.	For ten years.
Illinois.	342,756,000	36.0	36.1	34.0
Iowa.	291,092,000	30.5	39.5	32.5
Nebraska.	179,228,000	24.0	34.1	27.7
Missouri.	221,526,000	31.0	32.3	28.0
Texas.	155,589,000	21.0	22.5	19.0
Kansas.	155,142,000	22.1	28.9	22.1
Indiana.	168,840,000	36.0	39.6	34.5
Georgia.	57,538,000	13.0	12.0	10.6
Ohio.	113,903,000	34.6	42.6	34.9
Kentucky.	87,392,000	28.2	33.0	26.0
Tennessee.	78,364,000	26.0	28.1	22.4
Alabama.	45,896,000	15.5	16.0	13.0
North Carolina.	45,078,000	16.5	15.3	13.7
Arkansas.	40,024,000	17.2	23.6	18.8
Mississippi.	37,111,000	17.0	18.5	15.2
Indian Territory.	51,788,000	24.2	33.6	27.2
Oklahoma.	58,751,000	24.5	32.9	23.5
South Carolina.	29,807,000	15.1	12.2	9.8
South Dakota.	45,416,000	25.5	33.5	26.6
Virginia.	46,025,000	25.0	24.3	21.3
Louisiana.	28,000,000	17.5	17.2	16.8
Minnesota.	39,096,000	27.0	33.6	29.4
Michigan.	45,270,000	30.1	27.0	32.0
Wisconsin.	46,688,000	32.0	41.2	33.6
Pennsylvania.	45,922,000	32.5	40.2	34.5
United States.	2,553,732,000	26.0	30.3	25.4

Convention, held at Chicago in 1905, the Foreign Commerce Convention, held at Washington, D. C., January, 1907, and the annual convention of the National Association of Manufacturers, held in New York city in May, 1907, have considered this matter and agreed unanimously in calling upon Congress to create a permanent non-partisan tariff commission with semi-judicial functions—such as the power to summon witnesses—which shall make an unbiased investigation of the operation of our customs duties, regulations and classifications, hear complaints, study domestic and foreign market conditions, and report to the executive and to Congress from time to time such modifications as in their judgment may safely and properly be made in the interests of the general welfare.

"We seek not a reversal of a policy, but an intelligent readjustment of an accepted policy to meet changing conditions. The fact that the protected industries of the country themselves, as represented in the National Association of Manufacturers are earnestly supporting this proposition, reflects the general desire of business men everywhere, regardless of party, to see the consideration of these questions removed as far as possible from the arena of politics. It is believed that a permanent commission of this sort to be named by the President, would in due course of time demonstrate its value and win the confidence of the people and of Congress to such a degree that its findings and recommendations, based upon broad business considerations, would be respected and as a general rule approved.

"A study of the methods under which other great commercial nations of the world are handling these subjects leads to the conclusion that the United States must call into its service in the near future the aid of a trained body of men to enable us to



## Live Harness

Don't allow your harness to dry up and die. Once this happens it can never be remedied. Save the harness, save expense, prevent accidents by using

# EUREKA Harness Oil

Nourishes the leather and keeps it soft and strong. Preserves the grain-fibre. Makes leather proof against all weathers. Gives best tanner's finish.

### Boston Coach Axle Oil

smoothes the way to good wheel-action. Better and cheaper than castor oil. Will not gum or corrode. Lightens the load—eases the road.

Sold everywhere—All Sizes.

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**STANDARD OIL COMPANY**  
Incorporated

meet intelligently the various perplexing questions arising out of the general adoption of maximum and minimum tariffs by several of our strongest competitors for the world's trade.

"It is said that the tariff will be revised after the next presidential election. This would be in 1909. The next revision must be free from graft, honest, and reasonable; based upon real facts. It will require not less than two years of careful study and investigation to determine as to what tariff changes should be made. If, therefore, revision is to be approached in 1909, it is of the highest importance that the intervening time be utilized wisely. If such inquiry is not authorized at the coming session of Congress, it will mean that actual revision will not be reached until 1910 or 1911. Meantime, we are losing trade abroad, and are being imposed upon at home by reason of the operation of the existing law. We respectfully submit, therefore, that every consideration of wisdom and prudence suggests the creation by the incoming Congress of a permanent tariff commission as recommended by the three important convention first above mentioned.

"If you favor this plan of trying to get the tariff taken measurably out of politics and rested upon a sound, businesslike basis, kindly write to your member of Congress at once and ask him to support this method of approaching tariff revision.

"It is understood that President Roosevelt has for years favored this as the best way of bringing about important reforms, and it is certain that he will be greatly interested in knowing the feeling of the people in reference to it. It is hoped, therefore, that all who read this circular will be good enough to reply. Respectfully submitted, J. W. Van Cleave, chairman National Association of Manufacturers; Wm. McCarroll, chairman National Foreign Commerce Convention; Alvin H. Sanders, chairman American Reciprocal Tariff League.

#### Summary of November Crop Report.

The following table gives the summary of the November crop report of the Bureau of Statistics of the Department of Agriculture, showing yield per acre, production and quality of various products this year with comparisons.

Products.	October 1907.	Final 1906.	Final 1905.	Ten-year average.
Corn—				
Yield, bu. per acre.	26.0	30.3	28.8	25.4
Quality, per cent.	82.8	89.9	90.6	...
On hand, per cent.	4.5	4.4	3.5	5.3
Buckwheat—				
Yield, bu. per acre.	17.9	18.6	19.2	18.1
Quality, per cent.	87.3	90.4	93.0	...
Tobacco—				
Yield, lbs. per acre.	858.3	857.2	815.6	*785.9
Quality, per cent.	90.0	84.5	87.3	...
Rice—Yield, bu. per acre.	33.1	31.1	28.1	†31.0
Flaxseed—				
Yield, bu. per acre.	9.0	10.2	11.2	†9.6
Quality, per cent.	89.7	92.7	94.6	...
Potatoes—				
Yield, bu. per acre.	95.3	102.2	87.0	85.5
Quality, per cent.	88.3	90.0	85.4	...
Apples—Product, per cent.	32.1	69.1	41.3	52.5
Grapes—Product, per cent.	78.4	83.3	77.6	80.5
Pears—Product, per cent.	44.3	74.3	61.8	66.8
Sweet Potatoes—Yield, bu. per acre.	87.5	90.0	92.6	86.4
Quality, per cent.	85.7	87.4	91.3	...
Sugar Cane—Condition.	91.1	79.7	...	...
Sorghum—Yield, gals. per acre.	90.8	95.7	...	...
Sugar Beets—Condition.	90.4	95.5	...	...
Cranberries—Product, per cent.	78.2	84.8	...	...
Peanuts—Product, per cent.	83.4	80.3	...	...

\*Eight-year average.  
†Four-year average.  
‡Five-year average.



### Substantial Dwelling.

The illustration this week is a design sent by one of the readers of this paper in which he asks for a number of peculiar arrangements such as the office with separate outside entrance and the dining room and living room practically one room. The reader no doubt after careful thought will agree that an arrangement of this kind has a good many advantages and will fill a number of wants in a farm house that can not otherwise be taken care of. Space forbids a complete description of this house but a careful study of the floor plans will be valuable in the ideas they give.

The fine, large kitchen is directly connected with the pantry and the wash room which also has an entrance from outside.

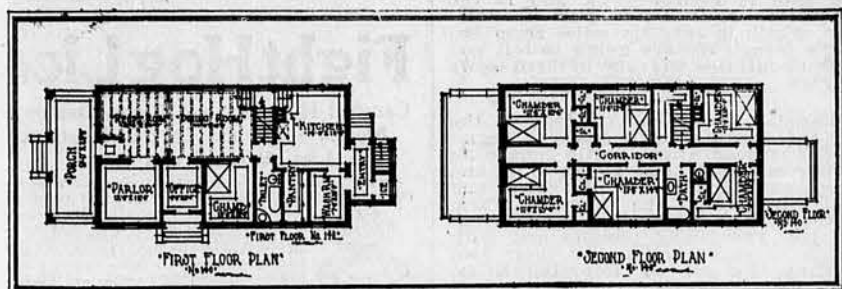
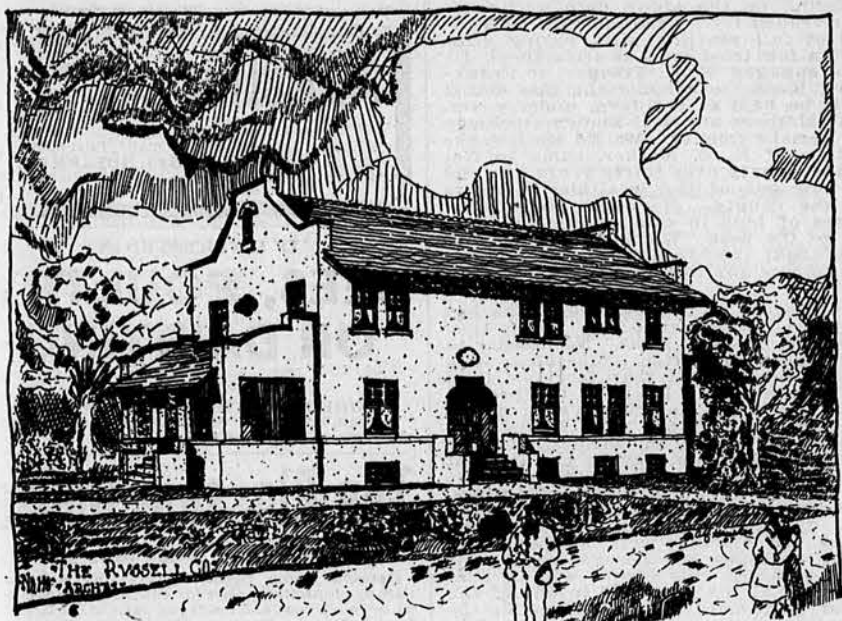
tional Live-Stock Exposition may continue its helpful and brilliant career." The date is November 30 to December 7, 1907.

### Annual Meeting of Kansas State Grange.

EDITOR KANSAS FARMER:—The thirty-sixth annual session of the Kansas State Grange will be held in Lawrence, Kans., commencing December 10, 1907.

Headquarters for the delegates and visiting members will be at the Eldridge House where accommodations have been arranged for all who wish to attend. The place of meeting will be at Fraternal Aid Hall.

On December 11, 1907, in the evening at the hall, will be a public reception where able speakers have



The convenient location of the stairs permits the second floor being reached either from the kitchen or the dining room direct.

A chamber and bathroom are also provided on this floor.

The second floor has six good bedrooms and bathroom and if necessary two more could be finished in the attic.

Height of first floor, 9 feet; second floor, 8½ feet; and cellar, 7½ feet. Estimated cost exclusive of plumbing or heating, \$4,000.

No. 140 complete plans and specifications for \$35.00.

The book Twentieth Century Cottages will give many ideas concerning plans for moderate priced houses and those intending to build should not miss this opportunity of getting one. Sent postpaid to any address upon receipt of 25 cents in stamps. Address all letters to the Home Building Department, care THE KANSAS FARMER, Topeka, Kansas.

Hon. A. B. Cummings, Governor of Iowa, on the Chicago Stock Show.

"The International Live-stock Exposition has been a potent factor in giving to the live-stock industry the position it ought to hold throughout the West. It has brought into existence many other expositions of like character in the Mississippi Valley, and has infused new life into the science of breeding. In my own State its effect upon the display of live-stock at the State fair has been so noticeable that it is everywhere remarked.

"Chicago is peculiarly well situated for such an exposition. It is convenient to the North, South, East, and West. In Chicago, the champion herds may be assembled at the close of the annual show season, to contest for final honors, with minimum trouble and expense.

"I sincerely hope that the Interna-

been procured. W. R. Stubbs will be chairman of the meeting.

We urge that the members of Kansas State Grange attend for we expect to make this one of the most profitable meetings ever held.

By order of committee.

JACOB BADSKY, Chairman.

The eighteenth annual session of the Trans-Mississippi Commercial Congress will be held at Muskogee in the new State of Oklahoma, November 19, 20, 21, and 22, 1907. There are large questions to come before this session.

The old Arabian legend tells us of the magician who had the mystic sense that enabled him when he placed his ear to the ground to hear the foot-falls of all the children of the world, playing in every city and country place, in hut or in palace; and out of all the multitudinous beat of many millions of pattering feet he was able to discern the foot-falls of the child of destiny who was to be the master of the magic lamp. What if to us were given such a power as that and placing our ears to the earth we too should hear the foot-falls of all the children of this great land of ours, from sea to sea, in crowded city and far-off village, and listening we should hear somewhere the step of the coming king of men, who beyond all others in the great century upon which we have entered shall have to do with the interests and the destinies of our country? And yet that child is somewhere in some home today. To-night it may be that some mother will carry to his cot a little sleeping child, and before she leaves him will smooth back the hair from his forehead, and put a mother's kiss upon his lips, and breathe over him a mother's prayer. It may be in some exceedingly obscure and humble home; and yet with

It is easy enough to shave yourself

no matter how stout your beard, if you have the right Shaving Soap, the kind which thoroughly softens the beard and makes easy work for the razor. Williams' Shaving Soap not only does this but has a healing, soothing effect on the face.



"The only kind that won't smart or dry on the face."

Send 2 cent stamp for a TRIAL CAKE of Williams' Shaving Soap, or 4 cents for a Williams' Shaving Stick, trial size, enough for 50 shaves. Address

THE J. B. WILLIAMS COMPANY

Department A  
GLASTONBURY, CONN.

Williams' Shaving Soap

in fifty years God may take that boy and place him at the front of the marching ranks of life, and put in his hand the scepter of supreme power in his generation. And if that shall be so, the probabilities are that it will be because of the piety and patience and the fidelity and the wisdom of that mother; in the influence with which she surrounds the child in his earliest years and leads him out at last upon the broad highway of his manhood's endeavor.—Rev. John T. McFarland, D. D., in "Preservation vs. The Rescue of the Child."

Do you want to make a nice bunch of money without interfering with your regular business? If so, it may be that there is an opportunity waiting you as special representative of THE KANSAS FARMER in your locality. We pay cash. Just write us about this matter.

To be logical, the man who uses laundry soap for Shaving should use also a bread knife carefully sharpened on a grindstone and stropped on an old boot. But if he wants merely to remove the hair from his face and not to skin himself, Williams' Shaving Soap is the article he needs. It is really the most necessary step in the whole process of shaving to soften the beard before the razor begins its work. This takes the toughness out of the beard and the razor slips through the hairs like a cyclone through a spaghetti patch. Use Williams' Shaving Soap for ease, comfort and health.

"By sending a 2c stamp to the manufacturers, The J. B. Williams Co., Glastonbury, Conn., to pay postage, you can obtain a free sample."

### Institute Schedule.

Following is a list of farmers' institutes arranged for the fall of 1907, giving dates and speakers from the Agricultural College, and in a few instances speakers of some note not connected with the college:

#### SOUTHCENTRAL CIRCUIT.

Pratt, Saturday, November 23; Miller and Calvin.  
Sylvia, Saturday, November 23; Wheeler and Kendall.  
Castleton, Monday, November 25; Wheeler and Kendall.  
Kingman, Monday and Tuesday, November 26 and 27; Miller, Calvin, Wheeler, and Kendall.  
Anthony, Tuesday and Wednesday, November 28 and 29; Miller, Calvin, Wheeler, and Kendall.  
South Haven, Wednesday, November 27; Miller and Calvin.  
Mulvane, Friday and Saturday, November 29 and 30; Wheeler and Kendall.  
Sedan, Monday, December 2; Dickens and Schoenleber.  
Cedarvale, Tuesday, December 3; Dickens and Schoenleber.  
Burden, Wednesday, December 4; Dickens and Schoenleber.  
Hackney, Thursday and Friday, December 5 and 6; Dickens, Schoenleber, and Miller.  
Wellington, Friday and Saturday, December 6 and 7; Dickens, Schoenleber, and Miller.

#### WESTERN (MISSOURI PACIFIC) CIRCUIT.

Lacrosse, Monday, December 9; Wheeler and Miller.  
Tribune, Tuesday, December 10; Wheeler and Miller.  
Leoti, Wednesday, December 11; Wheeler and Miller.  
Scott City, Thursday, December 12; Wheeler and Miller.  
Dighton, Friday, December 13; Wheeler and Miller.  
Ness City, Saturday, December 14; Wheeler and Miller.  
McCracken, Monday, December 16; Wheeler and Miller.  
Lindsborg, Tuesday, December 17; Wheeler and Miller.  
Council Grove, Wednesday and Thursday, December 18 and 19; Wheeler and Miller.

#### WESTERN (UNION PACIFIC) CIRCUIT.

Fillsworth, Monday and Tuesday, December 9 and 10; Burkett, Calvin, Kinzer, and Phipps.  
Russell, Tuesday and Wednesday, December 10 and 11; Burkett, Calvin, Kinzer and Phipps.  
Hays, Wednesday and Thursday, December

HIDES

For many years consignments have been the special feature of our business. We understand what the shipper wants, send him the very best results. Quick returns. Top prices. Shipments invited. Full classified price list mailed regularly free on request. Established 1870.

M. LYON & CO.  
220 Delaware St.  
KANSAS CITY, MO.

FURS

### Brown's Business College

Teaches simple, easy system of Shorthand. Business men prefer our graduates. They are more thorough than other students. Twenty years' experience. Write now.

1519 O Street,

Lincoln, Neb.

### Handkerchiefs at Special Prices....

Dainty Dotted Swiss hemstitched handkerchiefs—each 5c.  
Women's All Linen Initial Hemstitched handkerchiefs—each 5c.  
Shamrock Lawn Initial Handkerchiefs, broken assortments in the 15c quality—each 10c.  
Women's 25c All-Linen Initial Handkerchiefs—6 for \$1.00.  
Swiss Handkerchiefs, embroidered patterns with hemstitched or embroidered edges, each 15c.  
Men's All-Linen, ¼ or ½ inch hemstitched hem—each 10c.  
Men's All-Linen Initial Handkerchiefs—each 12½c.  
Order at once—prices for this week only.

KANSAS MAIL ORDER SERVICE  
The Mills Co., Topeka.

11 and 12; Burkett, Calvin, Kinzer, and Phipps.  
Wakeeney, Thursday and Friday, December 12 and 13; Burkett, Calvin, Kinzer, and Phipps.  
Grainfield, Friday, December 13; Burkett and Calvin.  
Oakley, Saturday, December 14; Burkett and Phipps.  
Goodland, Saturday, December 14; Dickens and Kinzer.

#### NORTHWESTERN CIRCUIT NO. 1.

St. Francis, Monday, December 16; Dickens and Kinzer.  
Atwood, Tuesday, December 17; Dickens and Kinzer.  
Oberlin, Wednesday and Thursday, December 18 and 19; Dickens and Kinzer.  
Norcatur, Friday, December 20; Dickens and Kinzer.

#### NORTHWESTERN CIRCUIT NO. 2.

Colby, Monday, December 9; Willard and Kendall.  
Jennings, Tuesday, December 10; Willard and Kendall.  
Lenora, Wednesday, December 11; Willard and Kendall.  
Logan, Thursday, December 12; Willard and Kendall.  
Kirwin, Friday, December 13; Willard and Kendall.  
Gaylord, Saturday, December 14; Willard and Kendall.  
Stockton, Monday and Tuesday, December 16 and 17; Willard and Kendall.  
Osborne, Wednesday, December 18; Willard and Kendall.  
Downs, Thursday, December 19; Willard and Kendall.  
Glasco, Friday, December 20; Willard and Kendall.

#### NORTHEASTERN CIRCUIT.

Holton, Monday and Tuesday, December 16 and 17; TenEyck, Mrs. Calvin, Schoenleber, and Webster.  
Effingham, Tuesday and Wednesday, December 17 and 18; TenEyck, Mrs. Calvin, Schoenleber, and Webster.  
Hiawatha, Wednesday and Thursday, December 18 and 19; TenEyck, Mrs. Calvin, Schoenleber, and Webster.  
Onelda, Thursday and Friday, December 19 and 20; TenEyck, Mrs. Calvin, Schoenleber, and Webster.

EXTRA MEETINGS.  
Topeka, Indian Creek, Oak Grange, Rome, Arkansas City.

THE KANSAS FARMER wants more representatives to take care of its rapidly growing subscription. Will pay good money to the right parties. Write us about this now.



## The Crown of Womanhood is Motherhood.

The crown of womanhood is motherhood. But uneasy lies the head that wears the crown or anticipates this coronation, when there is a lack of womanly strength to bear the burdens of maternal dignity and duty. And how few women come to this critical time with adequate strength. The reason why so many women sink under the strain of motherhood is because they are unprepared. Is preparation then required for motherhood? asks the young woman. And every experienced mother answers—"Yes." "I unhesitatingly advise expectant mothers to use Dr. Pierce's Favorite Prescription," writes Mrs. Stephens. The reason for this advice is that Dr. Pierce's Favorite Prescription is the best preparative for the maternal function. No matter how healthy and strong a woman may be, she cannot use "Favorite Prescription" as a preparative for maternity without gain of health and comfort. But it is the women who are not strong who best appreciate the great benefits received from the use of "Favorite Prescription." For one thing its use makes the baby's advent practically painless. It has in many cases reduced days of suffering to a few brief hours. It has changed the period of anxiety and struggle into a time of ease and comfort.

### MOTHER OF THE FAMILY.

The anxious mother of the family oftentimes carries the whole burden of responsibility so far as the home medication of common ailments of the girls or boys is concerned. The cost of the doctor's visits is very often much too great. At such times the mother is invited to write to Dr. Pierce, of Buffalo, N. Y., for medical advice, which is given free. Correspondence is held strictly confidential.

The ingredients of the "Favorite Prescription" is a matter of public knowledge, being printed on each separate bottle wrapper.

Perfect safety is assured with Doctor Pierce's well known medicines because no harmful ingredient is contained in them. No alcohol, opium or harmful narcotic is contained in the "Favorite Prescription." Nearly forty years ago Dr. Pierce discovered that chemically pure glycerine of proper strength is a better solvent of our native medicinal plants than is alcohol. Besides glycerine is of high nutritive value in building up healthy flesh—much surpassing cod liver oil. The ingredients in "Favorite Prescription" beside the glycerine are Lady's Slipper root, Golden Seal root, Black Cohosh and Blue Cohosh root, and Unicorn root.

Dr. John Fyfe, Editor of the Department of Therapeutics in THE ELECTRIC REVIEW says of Unicorn root (*Helonias dioica*) one of the chief ingredients of Dr. Pierce's Favorite Prescription:

"A remedy which invariably acts as a uterine invigorator and always favors a condition which makes for normal activity of the entire system, cannot fail to be of great usefulness and of the utmost importance to the general practitioner of medicine. 'In Helonias we have a medication which more fully answers the above purposes than any other drug with which I am acquainted. In the treatment of diseases peculiar to women it is seldom that a case is seen which does not present some indication for this remedial agent.'"

Of another important ingredient Prof. John King, M. D., says: "As a *partus preparator*, Blue Cohosh has enjoyed a well-merited reputation, for when used by delicate women, or those who experience painful labors, for several weeks previous, it gives tone and vigor to all the parts engaged, facilitating its progress, and relieving much suffering." Prof. Hale testifies of women who have taken Jauphyllum, all had very easy labors and made good recoveries. Blue Cohosh acts as an anti-abortive by relieving the irritation upon which the trouble depends. He continues, "It has been employed to relieve irritation of the reproductive organs dependent on congestion. It controls chronic inflammatory states of organs and gives tone in cases of deminution."

The foregoing are only a few brief extracts taken from among the volumes of endorsements which the most eminent medical writers have given the ingredients entering into Dr. Pierce's Favorite Prescription.

"Favorite Prescription" is the only medicine for women, the makers of which are not afraid to print their formula on the bottle wrapper, thus taking their patrons into their full confidence.

### HEALTH AND HAPPINESS.

How to live in health and happiness is the general theme of Dr. Pierce's Common Sense Medical Adviser. This great work on medicine and hygiene, containing over 1000 pages and more than 700 illustrations, is sent free on receipt of stamps to pay expense of mailing only. Send 31 one-cent stamps for the cloth-bound volume, or only 21 stamps for the book in paper covers.

## DOWLING'S FISTULA AND LUMP JAW CURE.

A scientific remedy and cure for fistula, poll-evil and lump jaw, price 25c per bottle. Used by stockmen everywhere. Write for free trial bottle. Long added to the list of cures for all diseases of the head and neck. Give particulars and express order.

W. O. Dowling & Co., St. Mary, Kansas.

## Field Notes

### LIVE STOCK REPRESENTATIVES.

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

That well-known breeder of Duroc-Jersey swine, J. F. Chandler, Frankfort, Kans., sends in a new change of copy for his card, in which he offers to sell his herd boar, Chandler's Wonder, and any part of his herd of tried brood sows sired by such famous males as Kansas Wonder, Dandy Orion, Improver 2d, and other noted sires. Write for bargain prices at private sale.

R. M. Buck, breeder of Shorthorns and Poland-Chinas, will hold a public sale of fifty head of Poland-Chinas at his Elm Lawn farm, Eskridge, Kans., on Wednesday, November 20, 1907. This is a specially desirable offering of well-bred and well-grown individuals, and comprises twenty-five sows and gilts and fifteen boars. Mr. Buck is putting into the sale several tried sows, some fancy gilts and a very choice lot of boars 6 to 8 months old. Write for catalogue at once and if you can not be present send bids to L. K. Lewis, care Mr. Buck.

B. N. Welch, of Waterville, Kans., who breeds Duroc-Jerseys at that place, is offering the choice from a lot of big, growthy March and April boars and at prices to suit. Some of them are real good and can be bought at way down prices. Some are by Crimson Chief by Orion Chief and out of Crimson Queen. Mr. Welch recently sold this herd boar to Chas. Pratt for \$500. He was a half brother to the Vale Special gilt that sold in Chas. Pratt's brood sow sale last winter for \$500. She was bred by Chester Thomas, who owns the dam, Crimson Queen, she by Crimson Wonder. The date of Mr. Welch's brood sow sale is February 4.

C. G. Steele, the well-known Duroc-Jersey breeder, of Barnes, Kans., is offering for sale Big Chief's Son, he by Big Chief Ohio and he by Ohio Chief. The dam of Big Chief's Son is Crimson Queen, who is also the dam of the herd boar recently sold to Chas. Pratt by B. N. Welch for \$500. Big Chief's Son sired the \$275 gilt sold in the Chester Thomas sale the 23d of last month and also the next highest priced gilt and also the top of the boar offering. He is not being sold for any fault but because he is not needed. For a herd boar with a reputation for siring high-priced stuff, write Mr. Steele about Big Chief's Son. The date of Mr. Steele's brood sow sale is February 5.

We call attention to the new advertisement of the Lincoln Importing Horse Company, Lincoln, Neb. Mr. A. L. Sullivan, the manager, says: "I honestly and candidly believe that there is no concern in the United States that can show a larger per cent of big-boned, strong, massive Percherons, Belgians, English Shires, and German Coach stallions. I personally selected them with the greatest care, buying one or two of different breeders, as I might be able to find what I wanted. In no case did I accept an animal that did not come up to the standard in my estimation. All I ask is that breeders and parties expecting to buy stallions visit our barns, knowing that we can convince them that the bold statements we make in our advertisements are true and nothing but the truth."

A string of Duroc-Jersey brood sows that can be easily attended and with very little expense, commences with Rathbun & Rathbun, of Downs, Kans., who will sell at Concordia, Kans., February 3; B. N. Welch, Waterville, Kans., February 4; C. G. Steele, Barnes, Kans., February 5; J. F. Chandler, Frankfort, February 6; and J. C. Logan, Onaga, February 7. All can be reached conveniently from the sale of the day before without traveling far or after night. The five herds represented are among the representative Duroc-Jersey herds of the State and their owners are all young men of push and energy. All of the popular families of Durocs will be found represented in this string of brood sow sales. Catalogues can be asked for at any time.

A. G. Dorr, proprietor of the Osage Valley herd of Durocs, is advertising 30 topdy spring boars and 50 extra fancy gilts for sale at special low prices for thirty days. These are nearly all sired by his 500-pound herd boar, Ohio Chief, Jr. 2d, a grandson of the great Ohio Chief. Their dams are large, smooth, prolific sows from some of the best families of the breed. These pigs have good color, plenty of bone and stretch, with good backs and feet, and fancy head and ears. They are a growthy, thrifty lot of youngsters, developed on bone- and muscle-producing food, and in rustling for alfalfa, of which they have an abundance. Write Mr. Dorr about these at once, for they will not last long at the prices for which he is selling them.

Have you written W. R. Peacock, of Sedgwick, Kans., about those choice Poland-Chinas that he is advertising for sale in THE KANSAS FARMER? He has a fine line of early spring pigs, both sexes, that he is offering for sale at prices that will move them. These are well grown and have been developed on alfalfa pasture with plenty of the right kind of feed. Mr. Peacock is one of the oldest and most experienced breeders in the State and has always made it a point to save his choicest females for use in his own herd, and has been a liberal buyer besides. Consequently he has a great variety of the best blood lines, and individuality to match them. In ordering from Mr. Peacock you have a large number to select from, and you are

sure to get what you want. Write him at once before the best animals are taken. In writing please mention this paper.

We wish to remind our readers that E. S. Cowee has some extra good Duroc boars for sale at reasonable prices on his farm at Scranton, Kans. They are sired by that excellent boar, Royal 2d 57776, he by Royal 28001, and they are out of large, prolific sows. The animals are well cared for and are in the best of health and possess a vigor that will insure that they will be sure breeders. Royal 2d is also for sale. Mr. Cowee can use him no longer as he wishes to keep a number of his pigs for brood sows. Those needing good, dependable males should write to Mr. Cowee at once. He may entertain a trade on Royal 2d and those needing an excellent boar may be able to possess him on a basis that will be mutually beneficial. Mention this paper when you write.

R. E. Mather, the Duroc-Jersey breeder of Centralia, Kans., has claimed March 3 as the date upon which he will hold his brood sow sale at his farm about four miles from that place. His offering on the above date will number around forty head and will be made up of fall yearling gilts, spring gilts, and a few tried sows at attractions. He has engaged W. H. Trosper, of Frankfort, Kans., to conduct the sale and it will be held at the farm under cover. The Mathers are well-known stockmen of Nemaha County. Mr. Ed Mather, the father of R. E. Mather, came to Nemaha County over thirty years ago and is now one of the wealthiest farmers in the county. He owns about 1,400 acres of land in this county and it is all of the best. We will have more to say about the breeding and individuality of this offering later on.

A breeder of Duroc-Jerseys who has enjoyed a good trade this fall is Geo. Kerr, of Sabetha, Kans. No breeder in the West is better acquainted with Duroc breeders of that territory than is George Kerr. He is at the present time the State Association's President and was one of the most active promoters of the organization. He has spent time and money in the interest of this association and other matters of interest to the breeders of Durocs. His herd at Sabetha is sterling through and through. His annual brood sow sales are always well attended and good averages are always made. His brood sow sale this winter will be held as usual at his farm and in one of the most up-to-date sale pavilions in the country which was erected this fall. The date is February 22, and is the day before J. B. Davis sells at Fairview, which is only six miles from Mr. Kerr's farm. We are going to tell you more about the offering of brood sows later on.

Thursday, December 12, 1907, is the date for a great auction sale of registered Aberdeen-Angus cattle consisting of fourteen high-class young bulls and forty-four splendid young cows and heifers in calf, at the Allendale Farm of Anderson & Finlay, two miles north of Iola. The young females are, with two or three exceptions, of their own breeding the get of Imported Erica, Pride and Blackbird, bulls of unexcelled breeding and quality from the herds of the late Queen Victoria, Balindalloch, Aberlour, etc., they representing the best families of the breed. The dams are Lady Coquettes, Queen Mothers, Westertown Roses, Bloomers, Brucehills, Violets, etc. This will be the opportunity of the year to get some of the best Angus cattle in America at prices that will pay 100 per cent on the investment because pure-bred cattle from this time henceforth for a number of years are bound to be fine property. For catalogue apply to T. J. Anderson, manager, Gas City, Kans. Mention THE KANSAS FARMER when writing.

One of the best-known breeders of Duroc-Jerseys in the West is J. B. Davis, of Fairview, Kans. Our representative visited Mr. Davis and his splendid herd recently and found things pertaining to the herd in the best possible condition. He has, as usual, enjoyed a good trade all fall but still has left some very nice young males sired by Crimson Challenger and Monarch and out of choice sows. They are of March farrow and are good. The Davis herd of Durocs is as well-known as any in the West. J. B. Davis was at one time president of the National Duroc-Jersey Breeders' Association and for a number of years has either been its president or a member of the board of directors. He has done much to promote the cause of the Duroc-Jersey and is deservedly very popular among the breeders. He has a reputation for selling at his annual brood sow sales animals that do the purchaser good. He is one of those breeders who give their whole time an energy to the business and it counts. We will have more to say about his offering of brood sows at Fairview, on February 23.

John Cramer's great herd of O. I. C. swine at Beatrice, Neb., is the best-known herd of that popular breed to be found in the West. Our representative visited this herd recently and enjoyed a pleasant visit with Mr. Cramer. A great herd boar recently purchased of Humbert & White, Nashua, Iowa, is Choice Goods, first in the junior yearling class at both St. Joe, Mo., and Hutchinson this season. Twenty-five sows by Garnett, his other herd boar that won about all the ribbons that could be won and for which Mr. Cramer paid an extremely long price, will be bred to Choice Goods and offered in Mr. Cramer's brood sow sale February 8 at Beatrice. Another herd boar, bought recently of Earnest Mear, of Nepouset, Ill., will be used on a few sows to be sold in this sale. Some of the fanciest gilts we have ever had the pleasure of inspecting will be offered in this sale, bred to either one or the other of these outstanding boars. They were sired by Garnett, the sensational show hog of last season, and bred by Kern, of Independence, Mo. His sale on

## HORSE OWNERS! USE

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**CAUSTIC BALSAM.**  
A safe, speedy and positive cure for the most stubborn and dangerous skin diseases. Removes all blemishes from the face. Impossible to produce scar or blemish. Send for descriptive circulars.  
THE LAWRENCE-WILLIAMS CO., Cleveland, O.

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Modern, fire proof, only American Plan Hotel in the city. Centrally located, 15th and O sts.

**DR. W. J. CONNER,**  
LABETTE, KANSAS.  
Breeder and Shipper of  
**MULE-FOOTED HOGS**

**THE COMING HOGS OF AMERICA.**  
They never have cholera. They are the best rustlers in the world. Pigs from 10 to 16 weeks old \$50 per pair. Write for particulars.

**BALMOLINE** The Corn Husker's Friend

and Nature's Perfect Healing Salve, for Man or Beast. Druggists, or by mail. Trial box 4c. 2 oz. 25c, 6 oz. 50c. **THE BALMOLINE CO.,** Sta. B., Abilene, Kans.

IF INTERESTED IN  
**BEEES, POULTRY OR DAIRYING**

You Should Read  
**MODERN FARMER AND BUSY BEE**  
A clean, bright, practical monthly, only 25 cents per year. **ELDON, MO.**

**The Blossom House**  
Kansas City, Mo.  
Opposite Union Depot. Everything first-class. Cuts in connection. Cars for the Stock Yards, the up town business and residence parts of the city and for Kansas City, Kansas, pass the door. Solid comfort at moderate prices. A trial will please you.

## Fight Hog Lice!

**Car-Sul Hog Dip and Germ Destroyer**  
Means Swift and Certain Death to Lice, Worms and Germs

Don't "throw your hands" when your hogs become infested with Lice and Mites. Get busy with CAR-SUL, the wonderful Hog Dip and Disinfectant that won the Grand Prize at the world's greatest Live Stock Exposition, World's Fair, St. Louis. Dip every hog in CAR-SUL! Spray the quarters, the bedding—every nook and cranny—with CAR-SUL! Keep it up at regular intervals! Hog Lice are the forerunners of Cholera and Swine Plague. Unless promptly checked by CAR-SUL, they will multiply by millions and turn a healthy drove of hogs into a rotten, disease-ridden, fever-stricken bunch of animals. Hog Cholera makes short work of a drove of hogs weakened by blood-sucking Hog Lice. Keep them clean with CAR-SUL and the chances are 100 to 1 that they will escape from Hog Cholera, though neighboring herds are dying from the scourge.

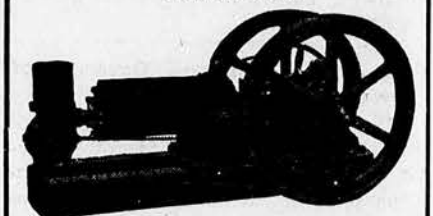
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This great book gives more practical information about Hog Pests and Diseases than any ever written. Tells how to keep hogs free from Lice, Mites, Germs and all external and internal parasites. This book is free to you if you own hogs. Send at once, and be prepared for emergencies. Address  
**Dr. H. J. Whittier, Pres., The Moore Chemical & Mfg. Co.,**  
J-6, 829 S. W. Boulevard, Kansas City, Mo.

## Car-Sul Dip

**Cures Hog Diseases Quickly**  
Sold by Dealers Everywhere. Results Positively Guaranteed

**STOP LOOK LISTEN**  
and consider the quality and price of Waterloo Gasoline Engines. over our illustrated Catalog and see the many points of mechanical skill. to all we have to say about quality and price and then be your own judge as to engine desired.



(Patented May 15, 1906.)  
The only horizontal, vapor cooled gasoline engine in the world. Worth twice the price of any other style gasoline engine, but costs you no more. Illustrated Catalogue free.  
**Waterloo Gasoline Engine Co.**  
1014 3d Ave. West, WATERLOO, IA.

## Pay When You Are Well

for Piles and Gonor. No knife or ligature. Not detained from work. Call or write. Will furnish treatment.  
**W. J. LANFORD, M. D.,**  
Phone 770, Beatrice, Neb. **BEATRICE, KANS.**



February 8 will be held in Beatrice under cover and should draw breeders from all over the country and undoubtedly will. It is going to be a great occasion with O. I. C. breeders and the offering will be worthy. You can drop him a card any time requesting a catalogue and your name will be duly entered on his mailing list. If you are interested in the best of this breed of hogs that are becoming so popular, you had better make up your mind to attend this sale and secure one or more of the bred sows that will be offered there.

Chas. W. Morrison & Son, owners of the Phillips County herd of Poland-Chinas, write as follows: "We have just shipped to G. H. Weeks, of Russell, Kans., a very fine Red Polled bull, was a year old July 30 and weighs 1,340 pounds. His sire was Actor 7781 and dam, Independence 7th, a very large cow and extra good milker. We also shipped a 2-year-old heifer with the bull. She was bred to Launfal 13221. This makes a good start for Mr. Weeks in the Red Polled as he has bought two extra good individuals and they can not help but make him some money. We have one bull over a year old for sale and thirteen under that age. The demand for Red Polled is so great that we very seldom have a yearling bull on hand. Farmers are finding out the value of Red Polled. As all-purpose cattle they are so hardy and easy keepers, quiet disposition, no horns to contend with, and a deep dark red color which makes them sell on the market at a good figure. The cows give good, rich milk and that is what the farmer wants these days as the time is past for keeping a cow on high-priced land for just her calf. We can spare a few heifers and young cows bred to Launfal 13221, our two-year-old herd bull who weighs 1,840 pounds in breeding condition. We sold a fine Poland-China boar and sow to be bred to Prince Wonder 114279 to L. C. Davis, of Fairbury, Neb.; a boar to H. M. Beckett, Olathe, Kans., and several here in the county this week. Our Poland-Chinas are doing well. He have no hot-blooded stuff as they are booming so much about. But we have got the largest boar for his age in Kansas or Nebraska; will easily weigh 1,200 pounds when matured. He is Prince Wonder 114279, bred by Peter Mouw, of Iowa, and out of the largest sow in America. He is a fine breeder, has plenty of finish, and not coarse for such a great size. His pigs are in demand and sows bred to him. I am receiving orders for every week. Last spring I did not have enough to go around. They are the farmer's hog with plenty of length and good bone, and large litters all go to make them so popular. Would like parties interested in Red Polled or Poland-Chinas to make us a visit and see the stock on the farm. Every hog-breeder that has seen Prince Wonder bought one or more of his pigs or give me an order for a gilt or a sow bred to him."

Dear old Dad: The "Home of the Winners" at St. Paul, Neb., is known the world over as the best possible horse-importing emporium in the United States. It's a "cinch," dad, that Frank Iams is doing more for stallion-buyers than all importers. He is importing better horses and saving thousands of dollars in "middle-men's profits." The two banks at St. Paul, Neb., that Iams is interested in did not suspend payment of checks or deposits in currency. He knows the "ins and outs" of banking. He will take your drafts, certified checks, time certificates of deposit, or bankable notes (at par). "Waltz me around again Willie," then skidoo; visit Iams and exchange our time certificates of deposit, checks or notes for a "Peaches and Cream" stallion and a couple of imported mares. They will make 40 per cent and our money won't be in frenzied Wall street banks or Canada. Ikey boy, this is a proposition that should "look good" to you and likely save "your bank account." All railroads lead to "Iams' Town of Barns (at two cents a mile), "filled to the roof" with a new, fresh importation of 200 Percherons, Belgian, Coach stallions and mares, 2 to 6 years old, weight 1,700 to 2,500 pounds, 90 per cent blacks, 40 French and Belgian prize-winners, Paris, Brussels, and noted shows, thirty 1907 Nebraska State prize-winners, or every first winner in Percheron stallions and mares in 2-, 3-, and 4-year-olds (bar one), and many second prizes, both sweepstakes prizes. Every first and second prize in Belgian stallions in 2-, 3-, and 4-year-old classes (bar one), and sweepstakes and grand sweepstakes (over all) and first prize 3-year-old Coachers. Iams sells his "show horses" annually. He buys new and better ones each year. For twenty-six years Iams has been "bumping the heads" of the "gold-brick" stallion salesman with better and larger breeders, forcing the importer and breeder with inferior stallions and mares to sell them on the "auction block" as the last resort, and, Mr. Johnson, no first-class stallions or mares are ever sold by "peddlers" or on the "auction block." Iams guarantees to sell you a better stallion at \$1,000 to \$1,400 (few little higher), than are sold to "farmers' stock companies" at \$2,500 to \$5,000. If you don't find this so, you can have \$500 Iams hangs up. "It's not because your eyes are blue" that Iams tells you in "his ads" of money he will save you. He wants your business; that's why he advertises. He wants you to smile on him with a visit. He will make the "wheels of business turn round." Iams can place \$1,000 or \$1,500 insurance on his stallions. He is an "easy man" to do

business with, and his horses are so good they sell themselves. You say: "Why can Iams sell better stallions at half the price of others?" Iams buys and sells every stallion himself at his home barns. He buys stallions by "special train loads," 100 to 200 at a time. He speaks the languages, saving you 20 per cent. He is not in the "stallion trust," saying you \$300. He pays no "slick salesman" \$100 to \$1,000 to sell you a fourth-rate stallion. He has no "two to ten men" as partners to share "profits." He pays spot cash for his stallions, owns his farms, houses, barns, stocks, and stallions. He sells stallions by "hot advertising" and having the goods to make "every statement good." Iams sells stallions "so good" that they do not need a "slick peddler" or the "auction block" to sell them. Iams will save you \$1,000 or more in commissions and middlemen's profits. All Iams' "show horses" and "pets" are for sale. None reserved. You won't get away from Iams with money or bankable notes; he has his "selling clothes" on. Willie, don't let any stallion salesman "hand you a lemon" by selling you a \$3,000 stallion, because Iams will sell you a better one at \$1,200. Our illustration is Iams' Brin-de-Or (32680), bay Belgian 4 years old, prize-winner at Brussels, one you read about. Iams' kind. One that will make you \$1,000 in service fees in one year and be good for twenty years and make the whole family wear diamonds. Write for catalogue and eye-opener. It's worth \$1,500 to you and your wife's folks will cry for it.

#### Sensintaffar Bros. Splendid Poland-China Sale at Brookfield.

One of the good Poland-China sales of this season was the one held by the Sensintaffar Bros., of Brookfield Mo., on Thursday, November 14. The weather was ideal and a large gathering of breeders and farmers were in attendance to participate in this good sale.

While the average was not so large as was probably expected, it was possibly due to the present exercised condition of finance and not because of any inferiority in the offering. The hogs were well grown out and in excellent condition and represented some of the best families of the breed.

A large portion of the offering was the get of that grand breeding boar that stands at the head of their herd, Chief Sunshine 3d. This is certainly one of the grand boars of the State and his get possess that superb finish and symmetry which is so popular today. There were fifty-seven animals offered and sold at an average of nearly \$37. The sale was conducted by Colonel Sparks and Zaun. Following is a list of the representative sales:

1. E. L. Jimmison, Oneida, Ill.	70.00
2. J. Walter Garvey, Thayer, Ill.	70.00
3. G. A. Logue, Marceline, Mo.	43.00
6. Goodrich Stock farms, Eldon, Mo.	87.50
7. F. F. Oerly, Oregon, Mo.	75.00
8. G. E. Leslie, Memphis, Mo.	60.00
9. E. L. Jimmison	45.00
10. E. E. Stoner, Indian Grove, Mo.	38.00
16. I. L. Owen, Monroe City, Mo.	65.00
17. G. E. Davis, New Boston, Mo.	43.00
20. B. F. Ishmael, Laredo, Mo.	77.50
21. J. W. Owen, Mill Grove, Mo.	55.00
23. B. F. Ishmael	105.00
24. Wm. Wingate, Trenton, Mo.	80.00
25. R. I. Fuller, Brown, Mo.	50.00
26. L. P. Chapman, Mindon, Mo.	40.00
29. J. E. Cochran, Harris, Mo.	38.00
33. J. A. Patterson, Mindon, Mo.	40.00
39. M. M. Sevier, Bucklin, Mo.	40.00
45. Mr. St. Clair, Hale, Mo.	36.00
58. W. R. Frakes, Boomer, Mo.	38.00
59. E. F. Brinner, Laclede, Mo.	40.00

#### Bullen and Son's Good Sale.

W. H. Bullen & Son's second annual Poland-China sale, held at the farm near Belleville, Kans., November 13, was the money-making kind. While the general average of about \$22 per head was not a big average, there was no high-priced top but a good even range of prices. All of the stock sold was raised by the firm and the sale was held at a reasonable cost. Sales of this kind always make a nice profit and are very satisfactory to all concerned.

H. B. Walter of Wayne, bought the highest priced female for \$45, and S. W. Wagner of Concordia, topped the boar offering at the same figure. Both were by the great breeding boar, Pan Famo. Following are the sales at \$20 and up.

2. S. W. Wagner, Concordia, Mo.	\$45.00
extra, McKeever & Son, Hubbell, Neb.	25.00
3. S. B. Amcoats, Clay Center, Mo.	30.00
8. T. F. Williams, Burr Oak, Mo.	26.00
10. McKeever & Son	23.00
12. G. F. Brenner, Culver, Mo.	32.50
14. E. T. Hamerton, Belleville, Mo.	25.00
15. J. M. Simpson, Canton, Mo.	25.00
16. H. B. Walter, Wayne, Mo.	45.00
17. Joe Vicker, Belleville, Mo.	21.00
18. Mr. Joines, Concordia, Mo.	20.00
19. Allen Everly, Delphos, Mo.	28.00
21. Byron Sanford, Belleville, Mo.	22.00
23. J. H. Hamilton, Guide Rock, Neb.	25.00
24. McKeever & Son	20.00
25. J. M. Simpson	25.00
26. Danford & Clark, Kensington, Mo.	24.00
28. Geo. McCulley, Belleville, Mo.	21.00
30. D. S. Weir, Clay Center, Mo.	23.00
36. Carl Jensen & Son, Belleville, Mo.	24.00
extra, Earl Vanaker, Belleville, Mo.	22.00

#### Moorehead's Poland-China Sale.

Geo. W. Moorehead's sale of Poland-Chinas at Beloit last Wednesday was well attended and the prices received were very satisfactory to Mr. Moorehead. A surprising feature of the sale was the demand for the boars which were of extra good size and possessed quality and finish as well. It was indeed a great endorsement of Mr. Moorehead's good judgment and ability. The gilts, while not selling as readily or for as good prices as the boars, sold well, and the average on the entire offering of forty head was something over \$32. Mr. Moorehead has been a good buyer during the past two years and his herd had a right to attract attention and a nice crowd of breeders on this occasion. Mr. Moorehead served a nice dinner to all who came, assisted

## Every Animal His Own Doctor

Stand back of every pound

Taylor's Stock Tonic

made by F. J. Taylor



## Taylor's Stock Tonic Not Fed in Doses

Simply put it in a box where all live stock can have free access to it.

The animal's own appetite will make him eat just the amount to keep him not only free from disease but growing and fattening faster than by any other means. If he doesn't need it he will not eat it—therefore it is the most economical tonic ever made.

**Cholera** has never developed where the hogs had free access to Taylor's Stock Tonic.

**Worms** cannot exist—they are immediately killed and expelled.

**Blackleg** is unknown in herds where this tonic is kept in the pasture or feed lot.

The same is true of all diseases arising from overtaxed digestion or disordered stomach.

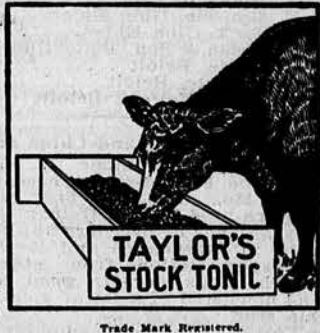
It purifies the blood, cleans and tones the stomach and bowels, improves digestion and assimilation and thereby increases the feeding value of every pound of feed on the farm, as well as making your live stock practically immune from disease.

#### Our Proposition.

The price of Taylor's Stock Tonic is \$3.75 per 100 pounds. You would buy it if you thought it would make you money. To satisfy you of its real merit we will send you 50 pounds on 30 days' trial. You don't pay for it unless it does the work. Send us the coupon below.

I have ..... Cattle, ..... Hogs and ..... Sheep.  
Name .....  
P. O. address .....  
Shipping address .....

F. J. TAYLOR CO., 361 Live Stock Exchange, Kansas City, Missouri.



## Blacklegoids

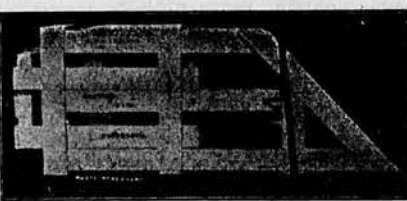
Simplest, Safest, Surest Vaccination for the prevention of

### BLACKLEG IN CATTLE

NO DOSE TO MEASURE. NO LIQUID TO SPILL. NO STRING TO ROT.

Just a little pill to be placed under the skin of the animal by a single thrust of the instrument. You cannot afford to let your cattle die of blackleg when a few dollars spent on Blacklegoids will save them. Write for circular.

**PARKE, DAVIS & COMPANY**  
HOME OFFICES AND LABORATORIES, DETROIT, MICH.  
NOTICE—For a limited time we will give to any stockman an injector free with his first purchase of 100 vaccinations.



#### GARRISON'S COMBINATION BREEDING AND RINGING CRATE.

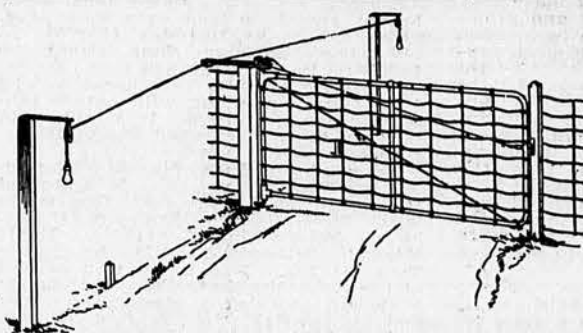
Endorsed by the leading breeders of the country; in use in six states; can be adjusted to any sized animals; can be used for breeding, ringing or loading hogs. Made of the best material; will last for years. Every breeder and farmer should have one. Write for price and description.

A. B. Garrison -:- Summerfield, Kans.

## THE MORTGAGE LIFTER IS LIVE STOCK

Then why not give it every opportunity to make the greatest growth. Iowa Hog and Cattle Powder makes Stock thrive. It is not a Stock Feed, but a conditioner that puts the animal's system in the best possible condition to digest and assimilate its food. Farmer's wanted in every county to act as our agents. Many of our men are making from \$2,000 to \$5,000 a year selling our goods. If you want an agency write us and mention the Kansas Farmer.

**Iowa Hog & Cattle Powder Co.**  
SOUTH OMAHA, NEBRASKA



#### Adams' Automatic Ball-bearing Gate

Always swings from the team. Can be operated by a child 3 years old. Hinges malleable. Cheap, durable and slightly. Guaranteed satisfactory. All kinds of farm and self-closing yard gates. Ask for advertising matter.

E. W. ADAMS,  
Sta. A. Topeka, Kans.

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by her neighbors, and the day being an ideal one, the occasion was enjoyed by all. White's automobile garage carried those who came in on trains from Beloit to the farm, a distance of about six miles. The top of the sale was No. 14 which sold for \$125 to W. C. Bonnielield, of Beloit, Kans. C. H. Pilcher, of Glasco, Kans., bought No. 4 at \$85. Following is given the sale in detail:

2. Frank Aldrich, Beloit.....	\$23.00
3. Robt. Bower, Beloit.....	21.00
4. Chas. H. Pilcher, Glasco.....	85.00
5. E. J. Baird, Beloit.....	35.00
6. W. C. Bonnielield, Beloit.....	30.00
7. C. J. Johnson, Solomon Rapids.....	20.00
8. W. C. Bonnielield.....	25.00
9. W. C. Bonnielield.....	20.00
10. A. Talcott, Beloit.....	20.00
12. Dave Williams, Beloit.....	28.00
13. M. Childers, Beloit.....	40.00
14. W. C. Bonnielield.....	125.00
15. C. J. Johnson.....	20.00
16. A. Talcott.....	25.00
17. Jordon & Son, Delphos.....	15.00
18. E. Dial, Cawker City.....	28.00
19. C. W. Vanamburg, Victor.....	51.00
20. W. C. Billings, Beloit.....	25.00
21. J. H. Steinbaugh, Beloit.....	22.00
22. H. C. Dawson & Sons, Endicott, Neb.....	20.00
23. S. Bartelson, Beloit.....	24.00
24. Scott Steere, Asherville.....	19.00
25. M. Moore, Beloit.....	34.00
26. C. J. Johnson.....	25.00
27. F. Woods, Beloit.....	25.00
28. Porter Bros., Glen Elder.....	26.00
29. A. R. Enoch, Lost Springs.....	30.00
30. Geo. Daws, Asherville.....	40.00
31. M. Kinney, Beloit.....	26.00
32. C. Abrombie, Barnard.....	28.00
33. H. C. Dawson & Sons.....	23.00
34. E. Barrott, Beloit.....	23.00
35. C. J. Johnson.....	35.00
36. F. Simpson, Glen Elder.....	20.00
37. John Muck, Glen Elder.....	24.00
38. Carl Jansen & Son, Belleville.....	37.50
39. Joe Majette, Beloit.....	22.00
40. Louis Majette, Beloit.....	48.00
51. Extra, John Neifert, Beloit.....	15.00

#### Hughson's Good Poland-China Sale.

On Tuesday, November 12, J. G. Hughson, the Poland-China breeder of Hamilton, Mo., held his first annual sale of pure-bred Poland-Chinas. Quite a goodly number of breeders and farmers were in attendance and it was a good, snappy action from start to finish. The hogs were in good condition and consisted of a lot of good, serviceable stuff.

Col. Frank J. Zaun, the popular auctioneer, of Independence, Mo., officiated on the block in his own characteristic manner and obtained for him the good average of \$28. He was assisted by Colonels Ewing and Williams. Following are some of the sales:

1. J. W. Gray, Hamilton, Mo.....	\$50.00
4. Lentz Bros., Atherton, Mo.....	52.50
5. J. W. Gray.....	52.00
6. F. D. Fulkerson, Brimson, Mo.....	90.00
19. S. W. Coleman, Sedalia, Mo.....	50.00
20. J. W. Gray.....	45.00

#### Ishmael Purchases Another Herd Boar.

B. F. Ishmael, the Poland-China breeder, of Laredo, Mo., has purchased from Wm. Wingate, of Trenton, Mo., the first prize 6 months pig at the Iowa



B. F. ISHMAEL.

State Fair this fall, to assist his other two herd boars at the head of his herd of excellent brood sows.

This pig is by Perfect Chief by Chief Perfection 2d and out of Meddler's Fancy by Meddler. The sire of this pig was a first prize-winner at the American Royal in 1906 and his dam is one of the best sows in Mr. Wingate's herd.

The judge of swine at Iowa this year has this to say for him: "He is the best pig I have seen in years," and John Cotta says: "He is the best pig shown at Iowa this year of his class." He is a hog of high quality and promises a brilliant future. He is so good that Mr. Ishmael felt warranted in paying \$750 for him to use on some of the best sows in his herd. There will be about ten sows bred to him in the Ishmael & McKay bred-sow sale this winter. Mr. Ishmael is planning a great sale of bred sows some time in February or March, and judging from the class of stuff he is buying and the kind he now has, we are justified in predicting that it will be an important event in that line of endeavor. We will have more to say with reference to his herd later.

#### Null's Poland-China Sale.

On Wednesday, December 4, Geo. W. Null, of Odessa, Mo., will sell forty-five head of richly-bred Poland-Chinas at that place, consisting of twenty-three sows and twenty-two boars, the get of Meddler, Regulator, Perfection E. L., Oxygen, Flying Fox, Carbon, Jennings' Top Chief, and Null's Top Chief and out of well-bred dams.

The major portion of the best sows will be sold open and this will enable the purchaser to breed them to his own

## SEND US BANKERS' CHECKS, CLEARING HOUSE CHECKS, BANK DRAFTS YOUR OWN CHECKS Certified to by your banker

WE TAKE THEM THE SAME AS CASH WITHOUT DISCOUNT OR EXCHANGE While we prefer to have you send us money by postoffice money order or express money order, the same as usual, nevertheless, for your own convenience we will for the present accept from you checks, drafts and certificates above referred to exactly the same as money orders or cash

**IN SOME SECTIONS** farmers and others are having difficulty in getting cash; by this we mean currency, gold, silver, greenbacks or bank notes, and therefore temporarily are compelled to exchange their produce and their labor for checks, either their banker's checks or certificates, clearing house checks or certificates or bank drafts.

**THIS NOTICE IS TO INFORM YOU** that all such exchange will be received by us in exchange for any of our goods exactly the same as a postoffice money order. If you have a banker's check or a bank draft, or if you have a checking account of your own, and will make a check to the amount you wish to purchase and go to your bank and have the check certified, you can send your check or the bank's check or the bank draft, endorsed payable to our order, to us, ordering any kind of goods in our catalogue and we will accept these checks exactly the same as cash.

**FOR EXAMPLE,** if in exchange for your produce, your labor or otherwise, you have been paid a sum of money in a check or bank draft, go to your banker and ask for a banker's check or a bank draft drawn in our favor for the amount you want to send us, or if you hold a banker's check, clearing house check or a bank draft and you wish to send the entire amount to us for merchandise.

SEARS, ROEBUCK & CO., CHICAGO.

simply write on the back of the check, "Pay to the order of Sears, Roebuck & Co.," sign your name and send it to us with your order for goods, and it will be accepted by us exactly the same as if you had sent us a postoffice money order, express money order or even exactly the same as the gold.

**IF YOU HAVE ANY BALANCE IN THE BANK** or any banker's check, clearing house check or bank draft, or if you have any cattle or grain or other produce which you can exchange for checks or drafts, such checks or drafts will be accepted by us exactly the same as cash in exchange for any goods in our catalogue.

**SEND US THE CHECK OR DRAFT YOU HAVE** or send us your own check, first having it certified to by your banker, or if you want to send for a lesser amount of goods, take the draft or check you have, go to the bank and have the bank divide it, making one check or draft to our order for the amount you wish to send to us.

**IF YOU HAVE MONEY IN THE BANK** or any banker's check or draft you can send it to us in exchange for any merchandise in our catalogue at our lowest prices, and by us it will be treated exactly the same as if it were gold.

boar and turn them again in a bred-sow sale this winter.

Mr. Null has been breeding Poland-Chinas for several years and has held many successful sales, and it has always been his endeavor to produce a hog that would meet the requirements of good breeders. In his forthcoming sale he will sell a lot of stuff that can be profitably used in any good herd of Poland-Chinas. His catalogues are now ready and will be cheerfully mailed you on application. Send today for one and learn more of the merits of this good offering. We will have more to say about them in another issue.

#### A Great Horse Event.

The great horse event of the season is slated to be held at Lincoln, Neb., on December 3 by Watson, Woods Bros. & Kelly Company, as per their announcement in our advertising columns this week.

In order to give some idea of the quality of the offering, we cite a few of the animals as follows:

##### ENGLISH SHIRES.

Nailstone Baskerville, English No. 24469, American No. 9176; foaled 1905; color, bay, blaze, white hind legs. Sire: Dunsmore John O'Gant (17976), he by Dunsmore Masterman (12874). Dam: Baskerville Blossom (50135) by Benton Corning King (11001). This horse won third in a large class at London, is an extra thick fellow, weighing 1,900 pounds now, and will mature into a 2,200-pound stallion; has wonderful bone, the very best of conformation throughout, and a kind, quiet disposition. Also won first at the Nebraska State Fair. We believe this horse to be a very superior horse in any company. If you will note his breeding you will see he is good enough to go to the head of any herd.

Temple Victor, English No. 24682, American No. 9172; foaled 1904; color, black, blaze, white hind legs. Sire: Rocks Victor King (20851), he by Bury Victor Chief (11106). Dam: Langton Nimble (22042), by Harold (11601). This stallion weighs between 1,700 and 1,800 pounds now, stands 17 hands high, a very strong, powerful fellow, lots of bone and finish. You will note by his breeding that he is a grandson of Old Harold on his dam's side and a great grandson of Old Harold on his sire's side. He will make a 2,100-pound horse when matured. He has extraordinary good feet and flat bone. If you are looking for a black Shire not carrying much hair on his legs, with wonderful conformation, we can suit you.

Sir Harold, English No. 24622, American No. 9234; foaled 1904; color, bay, stripes in face, four white legs. Sire: Buscot Gladiator (19434), he by Buscot Harold (18576). Dam: Aughton Belle (34664), by Akbar (4821). This horse will mature into a 2,000-pound stallion, a very flashy fellow, pleasing to the eye and conformation, carries wonderfully good bone, and is extremely short backed. You will note from his breeding that he is a Buscot Harold and his individuality is true to the type.

Dogdyke Rejected, English No. 24188, American No. 9174; foaled 1905; color brown, white down case, white off hind fetlock. Sire: Freehold (18025), he by Siroxton Tom (15871). Dam: Bonny (50376), by Fear None (4394). This horse weighs 1,800 pounds now and will mature into not less than a 2,200-pound stallion. Is a wonderfully good one in every respect and will please you.

Nailstone Monitor, English No. 24475, American No. 9180; foaled 1905; color brown, streak on face, four white legs. Sire: Savernake Marmion (20879), he by Savernake Bar None Conqueror (16055). Dam: Redlynch Eva (22341), by Electric (3069). This horse weighs 1,700 pounds now and will mature into a 2,000-pound stallion. Is a trifle thin in flesh, but a very good one in all respects.

Savernake Prince Harold, English No. 21939, American No. 9170; foaled 1902; color bay, white face, four white legs. Sire: Hendre Champion (18079), he by Prince Harold (14228). Dam: Norwell Princess (22256), by Bravo Tom (11019). This horse won second at the Nebraska State Fair, is 17 hands high and as thick a horse as you can find in America. In fair flesh he will weigh 2,300 pounds. I think he is as heavy boned a Shire as there is in the United States today and should make a wonderful breeder. Is very quiet in disposition. Any child can handle him.

Nailstone Valetta, English No. 52757, American No. 9183; foaled 1906; color brown, white hind legs, white fore fetlocks, white face. Sire: Nailstone Ragged Jacket (21689), he by Rocks Hydro (16258). Dam: Willenhall

Bess (37745), by Willenhall Prince Charlie (17079). This is a nice, smooth big filly that will please anybody.

Nailstone Golden Jewel, English No. 52755, American No. 9184; foaled 1906; color chestnut, white hind legs, white near foot, white face. Sire: Shangton Fashion (22773), he by Ercall Wynn (14620). Dam: Lindley Lass (42524), by Markeaton Royal Harold (15225). This filly won first prize at the Nebraska State Fair. The two fillies described above won second and third. This is, I think, as good a yearling mare as left England this year.

##### PERCHERONS.

Bellatre, H. B. No. 214 (60783), foaled February 28, 1903. This is a four-year-old Percheron, black as yet, weight 2,000 pounds with extra heavy bone. In fact, we believe him to be the heaviest boned Percheron in the State. He is a very flashy actor, a close smooth-made horse in every particular, and will prove a great sire for whoever gets him. He is an extra well bred one, being sired by Saturin (44777), a Brilliant 3d bred horse.

Agan, H. B. No. 218, (66585), foaled April 8, 1905, color dark gray and stripe weighs 1800 pounds now, very thick, wide kind fellow that should make a wonderfully good sire. Is smooth and very pleasing in every respect. This is one of the best bred Percherons, being sired by Fringant (52256) by Theudis by Besique. You will note that there is no better breeding on this side of the water than this horse carries and his individuality is fully up to his blood lines.

Bouvigny, H. B. No. 221, (63513), foaled May 12, 1904, color, black, star, with both hind feet white. This is not an extraordinary large horse, but weighs 1800 pounds. He is a high actor, very thick, glossy fellow and very pleasing in every respect. You are sure to like him; he is also a Brilliant III horse, and, as you know, Brilliant III is the sire of the great stallion Besique.

Dijl, H. B. No. 212, (61849), foaled April 3, 1904, color gray, small strip, right front and left hind heels white. This is a very large horse, will weigh 1800 pounds now, and will mature into a 2200 pound stallion. He is a heavy boned fellow with extra good back, head, neck and feet, in fact what you might call an old style Norman with all the good points left in him. He is a strong brilliant-bred fellow and should have some good offsprings.

Eclair, H. B. No. 216, (67082), foaled April 1, 1905; color black, left hind foot white. This is a nice, smooth 1800-pound horse, good conformation throughout, heavy boned, short backed fellow with lots of action.

Fertois, H. B. No. 225, (66234), foaled March 8, 1905; color dark gray with strip. This is an extra good horse, weighing between 1800 and 1900 pounds, and will make a 2100-pound horse next spring. If you are looking for a gray one, I believe he will suit you as he is extra well bred and certainly a good individual.

Sineau, H. B. No. 220, (64863), foaled May 15, 1904; color black. This horse weighs 1800 pounds now, and should mature into a 2200 pound horse. He stands 17½ hands high, carries extraordinary bone and if you are looking for a big, strong, heavy, black Percheron, he will please any community. He is a remarkably well bred one, being a grandson of Brilliant III and is sure to please.

##### E. D. King's Berkshires.

A representative of this paper recently visited E. D. King's great herd of Berkshires at Burlington, Kans., and was impressed with what he saw there. Meadow Brook farm is the home of not only the largest but one of the best herds of Berkshires in the West, and Mr. King has spared neither time nor money to bring his herd up to its present high standard.

His efforts are being appreciated for he is shipping many choice animals to other States, some of them going as far west as California, and it is hard for him to supply the demand from Oklahoma and Texas.

Mr. King's success is largely due to the fact that his Berkshires have both individuality and breeding and that he ships only good ones on mail orders. Inferior animals are not sold for breeding purposes at all but are sent to the fattening pen. With his large number to select from, purchasers are not disappointed in quality.

His herd is headed by King's Masterpiece 102500, assisted by Truetype 105501 and his litter brother Premier Longfellow's Rival 105500. King's Masterpiece is a son of Masterpiece 77000, and is out of Premier Girl 2d 90759, a superb granddaughter of the

grand champion Premier Longfellow 68600. He is one of those thick-fleshed, smooth, mellow individuals, with very fancy head and ears, well-sprung ribs, heavy hams, and stands upon the best of feet on strong, short legs set well apart, and is possessed of great prepotent qualities.

The writer was shown a number of his get, from different sows and they were without exception remarkable for their quality. We feel safe in saying that if they develop as they promise, King's Masterpiece for outstanding, prepotent qualities can be classed among the great sires of the breed.

Truetype and Premier Longfellow's Rival, are by Baron Duke 92, the greatest son of Premier Longfellow, and out of Lady Lee 93d by Lord Premier 50001. They are very smooth and mellow with both style and finish and give promise of strong breeding qualities.

Some of the noted foundation females are Lady Lee 93d, a line-bred Lady Lee got by Lord Premier 50001. A dozen of her daughters are breeding in the herd and are remarkable for their good backs, fancy heads, good feet, heavy bone, and producing qualities.

Mr. King has always refused to put a price on any of Lady Lee's daughters. Another of the noted sows that has many good producing daughters in the herd, is Black Girl's Maid 2d 57347. She was one of Mr. Gentry's noted Black Girl family. Her sire is Pollard's King Lee, dam Black Girl 48th by King Longfellow.

Lee Masterpiece 87938 by Lord Lee 61138 has many good descendants in the herd.

There is nothing in Mr. King's Berkshires but what is strong in Mr. Gentry's best blood lines in both sire and dam.

Mr. King recently visited Mr. Gentry's herd and purchased at a long price two of his best gilts. One is of the Charming family and the other is a Duchess. He also purchased one of his most promising young males. He is by Charming Duke 29th, one of Mr. Gentry's best sires, and one of the best daughters of Premier Longfellow.

Mr. King's hogs are developed on free range with plenty of bone- and muscle-producing food, and he always has stock for sale. Write him your wants for he can supply them.

#### For the Man Behind the Herd.

Recognizing the superior skill, fine judgment and faithful devotion to duty on the part of the herdsman in preparing the splendid specimens of animal excellence displayed annually at the International Live-stock exposition, the management has decided to establish a series of competitive awards each year in the shape of solid gold and silver medals, to be worn as honorary distinctions by "the man behind the herd" in each of the six leading beef breeds of cattle.

The medals to be won comprise the following:

To the herdsman fitting the grand champion steer of the show, a gold medal.

To the herdsman fitting the grand champion carload of beef cattle, a gold medal.

To the herdsman fitting respectively the champion bull of each of the six leading breeds of cattle, viz: Short-horn, Aberdeen-Angus, Hereford, Galloway, Red Polled, and Polled Durham, a silver medal each, thus making in all eight medals each year to be competed for.

The conditions of these awards shall be, (1) that the animal or animals winning the championships named shall have been under such continuous, immediate, and personal charge or care of the herdsman for a period of at least six months preceding the opening day of the show, that it may be fairly and truthfully said the superior condition and success of each animal or animals in the ring was due to his efforts more than to any other cause or factor, except for unavoidable sickness or other excusable absence, the animal or animals shall be led into the ring or exhibited to the judges by such herdsman, who shall truthfully answer all questions put to him by the judges as to the age, condition, and care or methods of treatment given the animal or animals prepared for exhibition by him; (3) that should the grand champion steer or carload, or the respective champion bull, have been under the care of the exhibiting herdsman for a period of less than six months preceding the opening day of the show, then the appropriate medal shall be awarded to the herdsman who prepared and exhibited the reserve champion animal or animals, or the next in rank, as the

(Continued on page 1282)



## Agriculture

### Inoculating Alfalfa Land.

I have a few acres which I am preparing for alfalfa and wish to inoculate it with bacteria. When will be the best time to sow the infected soil, when I plow the ground this winter or when the seed is sown next spring? How much per acre?

I broke the sod last June, have disked it up well and intend to plow it again deeper this winter and then keep the surface worked. Would you make any other suggestions concerning the preparation? H. P. GOODSELL, Scott County.

I prefer to distribute the infected soil early next spring just previous to seeding and before finishing the preparation of the seed-bed, the plan being to mix the infected soil with the soil of the field by harrowing or disk-ing. Two or three hundred pounds of soil well infected with alfalfa bacteria is a sufficient amount per acre if it is well distributed.

You should have back-set the sod early this fall and by disk and harrowing so pulverized and packed the soil as to have produced a firm and well settled seed-bed by seeding time next spring. If the sod has been well disked as you have stated and is now in good condition I would advise you not to replot. You may prepare a better seed-bed by continuing the surface cultivation. It will hardly be possible, if you replot this land to work it enough to produce a firm, well settled seed-bed. Of course by using a sub-surface packer and by going over it a number of times with a disk and harrow and a proper seed-bed may be prepared by reploting, but it will be less expensive and you will be more sure to get a good start and stand of alfalfa by thorough surface cultivation without reploting.

I have mailed copy of circular No. 10 which gives further information regarding the seeding of alfalfa.

A. M. TENEYCK.

### Shredding Corn Fodder.

I would be thankful for information about shredding my corn fodder. I have about thirty acres of it and as I had to replant, it was rather late getting started, consequently it did not mature properly. When cut the leaves or blades were dry but the stalks were sappy and ears soft. I have husked and find stalks are quite sappy and green yet. The corn is still soft but as I will feed it at once that part does not matter. Will there be any danger of fodder spoiling or heating if shredded now, and put in one pile or stack? Will it be safe to fill the barn loft. It holds about six to ten tons. Had I better make more than one pile or stack? I would like to place all in one pile by the manger, if possible, for convenience in feeding. If possible please give me an immediate reply, as the machine will be around next week to shred, and it being the only one in the neighborhood, I will be obliged to have mine done then or not at all.

E. C. BAYLES.

### Pottawatomie County.

It will not be advisable to shred the fodder until the stalks are drier. Better leave it in the field in the shocks for some time yet or place in small stacks and shred it later in the fall or early in the winter. Even when corn fodder is well-cured the shredded fodder will heat in the pile or stack and often spoil. Doubtless the fodder will keep better in your barn loft than it will in the stack, especially since the loft holds only six to ten tons. I observe that you must have the fodder shredded at once or not at all; in which case it may be advisable to shred now, but in case the fodder is shredded in a partly cured condition, it should not be placed in too large a stack or pile, but had better be spread under cover, either in a shed or barn loft not over two or three feet deep, or in case the fodder is spread on an open-bottomed space, as may be secured in a loft having a bottom made of poles, it may be piled deeper. How-

ever, the plan should be to dry the fodder properly before it is placed in a large pile or stack. This may be more easily done before shredding or it may be done afterwards as described above. A. M. TENEYCK.

### Enriching Texas Red River Bottom Land.

I am farming in the Red River bottom land and corn and cotton as well as burs and weeds grow well. In the fall I want to turn under all vegetation to keep up the land. Is it better to turn it under green or wait until frost and turn under dry? Is there danger of souring the land with green vegetation? Write me fully. My land was originally timber land, the trees are all gone as well as the stumps but there are still some roots under ground, though not many. Can I use a steam plow, say a twenty-horse power traction engine with three gangs, three disks to the gang, and is it profitable with wood and water handy? The rows are one-half to one mile long. J. C. McCORMICK.

### Lamar County, Tex.

A general recommendation would be to plow under all vegetation while it is green rather than dry. The green vegetation when plowed under decays much more rapidly than the dry, and heavy covering of dry vegetation plowed under often has a bad effect upon the physical condition of the soil, breaking the capillary connection of the surface soil with the sub-surface soil, thus causing the soil to dry out at the surface and the crops planted on such soil to "freeze out" or "burn out." Again it is true that if, on heavy land which is inclined to be wet, a rank growth of sorghum, cow-peas or even weeds be plowed under, the result may be that it will "sour" the land which is due to the rapid decomposition of organic matter and the development of a large amount of acid which can not at once be utilized or absorbed by the soil. If weeds are to be plowed under at all I would advise to plow them under while green, but it is often advisable especially on heavy land to remove the sorghum, cow-peas, clover or other green crops and feed to stock returning the vegetable matter to the soil in the more condensed form of manure. By this method most of the valuable plant food elements are returned again to the soil, while the farmer may profit by feeding the crop to stock. On the other hand it might be advisable to sow a crop and plow under for green manure especially on light or sandy soil. I have mailed you circulars giving information on "crop rotation" and "soil management."

I doubt whether the steam plow could be used to advantage under the conditions which you describe, in fact I doubt whether an engine plow is a profitable investment unless the engine can be profitably used during the portions of the year when it is not plowing. Even with a steam plow, on nearly every farm it is necessary to keep as many horses as without the steam plow and team plowing is perhaps more sure and the plowing may be done as cheaply with teams as with the engine when we consider the fact that horses must be fed and cared for whether they work or not. Perhaps on very large ranches, especially in the West, large steam plows which run five or six gangs may be used to advantage and with profit, but I doubt the profitableness of a small outfit on a small farm. A. M. TENEYCK.

### Preparation of Seed-bed for Wheat.

In plowing for wheat, when it is dry and breaks up chunky, is it injurious to the soil or crop? Also what effect has it on the ground when it is plowed a little wet so as to get hard afterwards?

About how deep should wheat be covered in drills for best results? How early would you advise sowing wheat in the fall? J. H. G.

### Marion County.

Injury will not result from plowing ground too dry so far as the soil itself is concerned. The great difficulty in attempting to plow ground when dry and lumpy is that a very poor job of plowing is done. The soil is hard to prepare and in a majority of cases the



## WAGONS

What are the essentials of a good farm wagon? It's an important question. If you are going to buy, ask it in your own interest. What do you require?

### The Highest Grade Materials—Perfect Construction—Light Draft

Everything is comprehended in these three, including durability and adaptation to uses. Materials include choice of appropriate woods, of proper size, thorough seasoning, ironed for long, hard duty. Construction in an International Harvester Company factory means the best work that skilled mechanics can turn out with every needed equipment at hand. Light draft comes from working on right principles. You will find them all in the three makes of wagons below:

**Weber**—The Wagon with a Record. Over 60 years in use, found doing duty all over this country. More Weber Wagons have been made and sold than any other make of wagons in America. The record speaks for itself.

**Columbus**—A Favorite on the Farm. A good farm wagon with a reputation for light draft and durability.

**New Bettendorf**—A Wagon for all Climates. The wagon with Pressed Steel Gears. An end to shrinking, swelling, warping, rotting and break-downs.

Buying your farm wagon is an important matter, because a wagon is always subject to a thousand kinds of wear and tear.

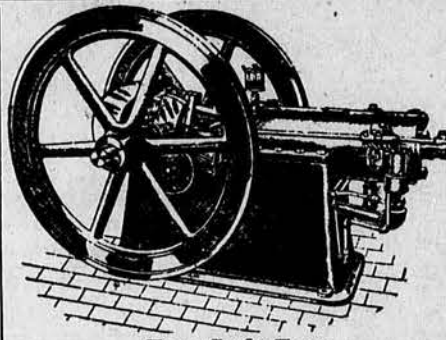
You will make no mistake in selecting a Weber, a Columbus or a New Bettendorf wagon. Call on the International local agent and inspect these wagons or write for descriptive booklet on the wagon you desire to investigate.

International Harvester Company of America, Chicago  
(Incorporated)

## The Dempster Gasoline Engine

SO EASY to Start and Stops Only When YOU Stop It.

It is easy to make sure of steady everyday power if you have a **DEMPTER**. It will always work when there's work to do. It's always ready for business.



Four Cycle Type.

You can use either gasoline, kerosene or alcohol without any change in engine, and can use natural gas, also, if desired. These features are of great importance to the purchaser.

VERTICAL ENGINES—2, 4 and 6 H. P. sizes. HORIZONTAL ENGINES—6, 8 and 12 H. P. sizes. Every engine develops a liberal surplus over the rated horse power.

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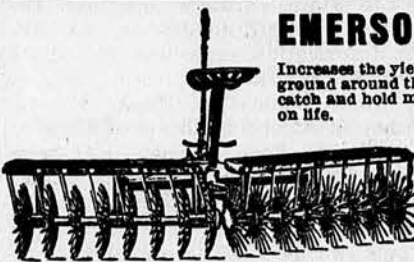
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grain is sown on a poorly fitted seed-bed, which results in a low yield of the crop. If, however, ground is plowed when too wet it seriously injures the physical condition of the soil. The little soil particles as we find them in the soil are usually grouped together into granules. When the soil is stirred too wet these granules are separated into single particles, which upon drying, pack together and form an impervious mass very hard to break up with tillage implements. Soils which have their physical condition injured by being worked when too wet, do not recover their normal condition for several years, and in this shape make poor yields, since the air enters very slowly and the roots of the plants work their way through the soil only with difficulty.

We have found at this station that the best yields of wheat are obtained by planting at a depth of one and a half to two and a half inches deep, the last week in September or first week in October. G. E. CALL.

#### The Kansas State Corn Show.

The Third Annual Meeting and Corn Show of the Kansas Corn Breeders' Association will be held at the Kansas State Agricultural College, Manhattan, Kans., January 1-2, 1908. From present indications this will be the largest and most successful meeting in the history of the association and

than one exhibit of the same variety of corn in a single class.

7. No corn shall be shown in more than one class, except that all samples or exhibits compete for the sweepstakes prizes.

8. All entries in Class A shall be made by November 15, 1907. The yield of corn shall be determined by weight, from a measured acre of land, and one bushel of ears, which shall be a fair sample of the corn produced on the acre, shall be sent to the Agronomy Department of the Kansas State Agricultural College, together with the weight of the sample as determined on the same day that the remainder of the corn is weighed. All of the above measurements, weights, etc., shall be made by some competent person appointed by the Agronomy Department, with the assistance of the owner of the corn, both of whom shall make affidavit that all measurements, weights, and everything connected with the contest is fair and according to the rules of the contest, to the best of their knowledge and belief. The Agronomy Department shall make determinations of the percentage of shelled corn and the percentage of moisture in all samples sent in, and all yields shall be figured to an equivalent yield of shelled corn containing fifteen per cent of moisture, as representing air-dry corn.

3. Paul Gilman, Leavenworth..... 30.00
4. R. A. Willis, Manhattan..... 25.00
5. Herman Rea, Haddam..... 20.00
6. Ray Gilman, Leavenworth..... 15.00
7. G. T. Fielding, Manhattan..... 10.00
8. A. J. Nicholson..... 5.00

#### Lot III. (Ten ears colored.)

1. W. Marlatt, Manhattan..... \$50.00
2. N. E. Osburn, Peru..... 40.00
3. O. I. Osher, Gardner..... 30.00
4. E. B. Coffman, Manhattan..... 25.00
5. Nels Olsen, North Topeka..... 20.00

#### EXHIBITS OPEN TO THE WORLD.

Class A, Lot 2. (Thirty ears white corn.)

9. S. G. Trent, Hiawatha, Kans.. \$10.00

Class A, Lot 3. (Thirty ears other than white or yellow corn.)

9. Omer I. Osher, Gardner, Kans.. \$10.00

Class A, Lot 12. (Farmers' Boys under 16 years of age.) (Ten ears other than white or yellow corn.)

11. Clarence Gilbert, Manhattan

Kans. .... \$6.00

Class A, Lot 21. (Two smallest ears dent corn.)

7. Nels Olson, North Topeka, Ks.. \$4.00

Class A, Lot 22. (Greatest curiosity of freaks.)

6. Kansas Agricultural College, Manhattan, Kans..... \$3.00

Class A, Lot 25. (Best display of seed-corn.)

4. Kansas Agricultural College, Manhattan, Kans..... \$75.00

#### Too Much Water in Iowa Butter.

The Omaha Evening Bee reports that Iowa butter has been found to contain too much water, while Nebraska butter shows a much better record. An interested Chicago observer remarks that "the Nebraska and the



Kansas State Agricultural College Exhibit at the National Corn Show.

a full attendance is desired. Premiums will be awarded in the following classes:

Class A—Largest yield of corn per acre. Three prizes will be offered.

Class B—Best ten ears of yellow corn. Five prizes will be offered.

Class C—Best ten ears of white corn. Five prizes will be offered.

Class D—Corn not included in the above. Two prizes will be offered.

Sweepstakes—Best ten ears of corn in the show. Five prizes will be offered.

#### RULES GOVERNING THE FARMERS' CONTEST.

1. All samples of corn exhibited for prizes shall become the property of the Kansas Corn Breeders' Association.

2. Only corn grown in Kansas during the season of 1907 may compete for prizes. The contests are open to all Kansas farmers.

3. All corn must be delivered to the acting secretary, Prof. A. M. TenEyck, Manhattan, express or freight prepaid, by 1 p. m., January 1, 1908.

4. Samples should be carefully marked with name and address of grower and class in which corn is entered for premium.

5. All corn should be carefully wrapped to prevent shelling, and should be tightly packed in a strong box, for shipment.

6. No exhibitor shall make more

9. Each contestant shall furnish a written statement of the kind of soil upon which the corn was grown, kinds and amounts of fertilizers and manures used, methods of planting and cultivation, and other data which may be of general interest.

10. Exhibitors and visitors may inspect the samples, but shall not handle the corn on exhibition, which is entered for prizes.

During the two days' annual meeting, addresses will be delivered by prominent corn-breeders and specialists of Kansas and adjoining States. This meeting is one of the features of the State Farmers' Institute, December 26, 1907, to January 4, 1908. For information regarding the State Farmers' Institute, address Supt. J. H. Miller, Manhattan, Kans. For information regarding the corn show of the Kansas Corn Breeders' Association, address acting Secretary A. M. TenEyck, Manhattan, Kans.

The awards to Kansas exhibitors at the recent National Corn Exposition may be classified as follows:

#### Lot I. (Ten ears yellow corn.)

1. J. G. Haney, Oswego..... \$50.00
2. L. V. Sanford, Oneida..... 40.00
3. W. R. Hildreth, Altamont..... 30.00
4. Miss Viva McCray, Manhattan.. 25.00
5. John Lind, Saffordville..... 20.00
6. M. M. McCray, Manhattan..... 15.00
7. C. E. Hildreth, Altamont..... 10.00
8. Joseph Condele, Eldorado..... 5.00

#### Lot II. (Ten ears white corn.)

1. J. A. Woods, Council Grove..... \$50.00
2. Ralph Gilman, Leavenworth... 40.00

Kansas butters are about the same thing."

The Bee says:

"Special Agent Evans of the Internal revenue department is still engaged in investigating the product of the Northern Iowa creameries, with the result of finding much bad butter. This butter is said to have an excess of moisture, exceeding the legal limit of 16 per cent. This butter comes largely from the small independent creameries in the northern part of Iowa, where there are deficient facilities for analysis and tests for moisture. The purpose in securing this excess of moisture is to get a greater surplus, without regard to the impairment of the butter. Some of the larger Iowa creameries are also found to permit an unlawful excess of moisture. Samples of this butter have been sent to Washington and prosecutions are liable to follow for the violation of the revenue law, notwithstanding frequent admonitions given the creameries by the special revenue agents.

"Mr. Evans said:

"I find the products of the Nebraska creameries invariably good. Though there may be some cases of an excess of moisture in the Nebraska products, I have not found any thus far in my six week's investigations in this State. All of the products of the large Omaha creameries are exceptionally good."

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10th and Quincy, Topeka, Kas.



# Horticulture

## Some Things That Need to Be Said.

Paper read before the Missouri Valley Horticultural Society, September 21, 1907, at Argentine, Kans. by George West Maffet, of Lawrence.

In this beloved country of ours where tremendous changes have taken place, the readjustments of the past ten, five, yes three years, all interests have managed to safe-guard themselves save the farmer and the fruit-grower. These workers of the soil have no one to look out for their interests and they seem to lack the mental traits that enable even the helpless animals of the wilds of nature to organize for protection against the ravaging wolves.

It may be that the dear Lord intended that the farmer should be thus helpless to organize, controlling as he does the food supply of the world, yet I doubt it. Union labor has the power arising from organization and does not hesitate to use it, even against his fellow toilers. Corporations and big business firms have the advantage of large earnings, arising through the work at full capacity of men, machinery and materials, and do not scruple to set the price, always at a profit. Who sets the price for the farmer and fruit-grower? Certainly not the farmer. Is there a profit to the soil-worker in the prices set? Most assuredly not and who cares? The farmer makes no effort to use the great power that organization would give him.

Worse than that, he fights his own bread and butter, a most common crime at this age and date. Last winter, at the State society meeting at Topeka, an effort was made to organize against the abuses of commission men and the cry arose and defeated action "that you can not legislate men into being honest." Can't, hey? If a society of that kind can not help its members in just that way, through legislation and through the power that organization gives, then it has outlived its usefulness and should give place to something that can.

It was but a few years ago that I heard a leading fruit-grower advocate the cheap selling of fruit so as to induce its greater consumption. Did he say anything about a profit? Not he. It was only a week or so ago that a writer in THE KANSAS FARMER suggested that the farmers as a class should not work in favor of "dollar wheat" because flour was the necessity of life to the very poor. Did he say anything about profits or loss? Not he. Bah! I have no use for arguments such as these.

If I had my way, in order to enforce an object lesson that our modern situation needs, I would organize a farmers' trust and compel the people of the town to beg for the products of the farm, and then dole it out to them little by little; yea, I would go further and make a town man get down on his knees and beg for a raw turnip and then I would compel him to pay seventy-five cents for that one raw turnip before he got it. In this way I would enforce the lesson that needs must be taught, that first of all and above all, the farmer's profit must be figured; after him, and not until then, can be added the various expenses and profits of those others who make handsome revenue from the products of the farm, leaving the worse than pittance to the soil-worker.

And in figuring this profit the yield of the year should not control, but the average yield for a number of years. It is the experience of everyone here present that when prices are good there is nothing to sell because of little or no yield; while a bumper yield can only be handled at a price so low as to make a net profit almost an impossibility. Fruit men are at fault in this, for a berry crop is the result of two years' expense, an apple crop two and a quarter years and a peach crop three and a third years. How foolish these little details make some of the great fruit crop returns look when said money is diminished by the expenses running through a

term of years and the average is made for the year by dividing by the number of years involved in that one crop.

There can be no profit figuring unless accurate costs be first computed. The business man's figures include everything: hours of labor of men and teams; cost of keep of men and teams; cost of materials and waste of same; cost of machinery, its maintenance, charges, its repair and its term of usefulness; then interest on the capital involved, taxes and insurance charges, and finally a fixed expense charge that is supposed to cover all little things not foreseen. After all these things have been figured, then comes a charge for profit before the middleman or retailer is allowed to take hold of the product. It is right, it is just, that the farmer's profits should be figured in the same identical way.

And yet for unknown ages the farmer has been drilled to think and feel and say "that is all profit, it was raised on the farm," or "let that go, it was only my wife's time and costs nothing" or else "we will not count that anything, the team had to go to town anyway." What the farmer considers of no value in this way, supports in comfort scores of people in the nearby town, who charge by the hour or the job for everything they do for others. If the farmer's wife charged by the hour for handling the cream, churning and working the butter, where would butter prices go? A team and man is worth \$3.50 per eight hours in the city and in estimating the cost of a crop so many hours teaming at so much per hour should be charged for preparing the seed-bed; so many hours for cultivating and so on through the entire caring for and handling the crop after it is made. Then the teaming to market should be charged for at so many hours at so much per hour. How many years will a cultivator last? How many years will a wagon or harness last? The depreciation is a legitimate charge against the crop and figures in its cost.


Stop fighting against the profits of others and, instead of doing so say, "Gentlemen, take care of my profit first, then the field is yours. Icing charges on refrigerator cars and all freight charges are nothing to me after my profit has been cared for. The farmer's profit first of all."

And this should be the farmers' slogan, deliberately persisted in from year to year, "the farmer's profit first of all." If your United States senator and your congressman can not qualify under this test, see that they return to private life. Compel every candidate to pledge to the magic words, "the farmer's profit first of all" before he can take a seat in the legislature. Try all lesser officials on the same test. When a railroad train draws up to a station the first thing to attract attention in a prominent position should not be the cabalistic sign "Brown's Bitters will cure a Busted Heart," but in its stead and just as prominent should read, "The farmer's profit first of all." And this same text should confront the rapid transit crowd in the hustling city, painted high upon a towering wall, "The farmer's profit first of all." The newsboy on the street should work it into his slang; the popular actress should sing it on the stage, and the popular preacher of the hour should discourse from the text, "The farmer's profit first of all."

It may not be known to you, yet it is a fact, that a successful politician can not hope to hold his own in the political world unless he heeds such demands as these. If the farmers and fruit men would agitate this matter it would not be long before the politicians would say, "see here, boys, we will have to care for the farmer's interests in this matter and then we can scramble for the balance." How different that would sound from the present day utterance, "Oh, hang the farmer! He has an easier time than any of us!"

The present day situation as it confronts us is based on a few principles

(Continued on page 1279.)



## Amatite ROOFING

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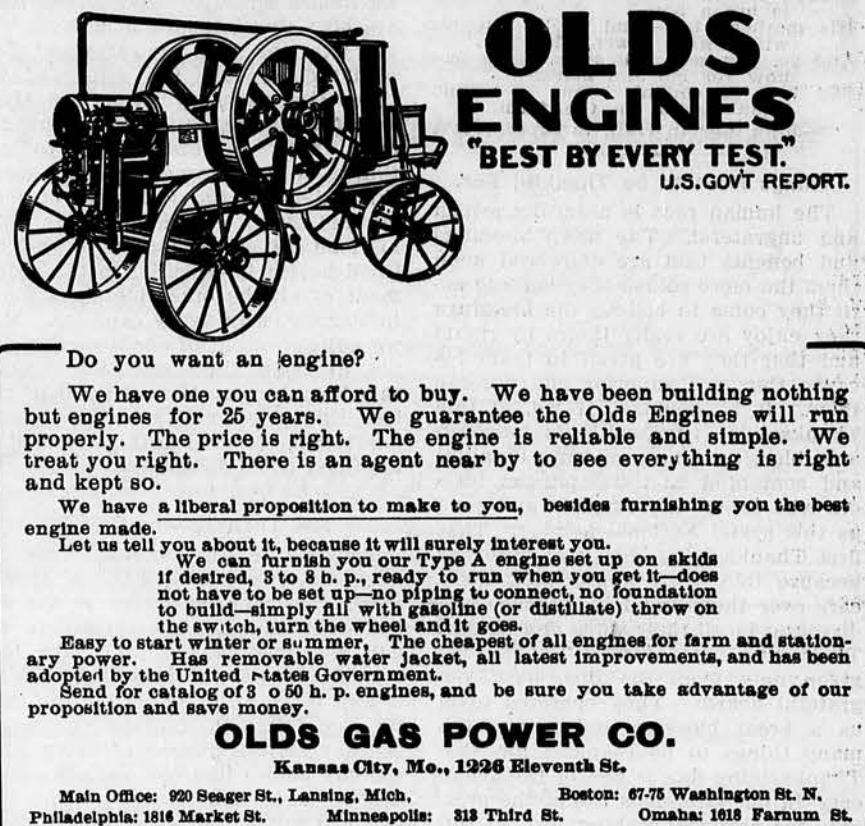
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# Home Departments

CONDUCTED BY RUTH COWGILL.

## THE BOY IS COMING HOME.

I tell you it is busy times jest now for me and marm; The boy is comin' home to spend Thanksgivin' on the farm. 'Tis ten long years since he went West to mingle in its strife; He's done first-rate, and, furthermore, he's got a Western wife. We got the letter yesterday, and marm she laid awake Full half the night, to praise the Lord and think what she must make. If I should feed the turkey now, as she declares I must. Why, long before Thanksgivin' he would swell all up and bust. I've had to grind the choppin' knife and go to choppin' mince, And things are brewin' rich and fine and fit to feed a prince. The boy, he writ for chicken pie, "With double crust," says he, "And mixed with cream, that lovely pie you used to make for me." He wants a big red apple from the hill-side Northern Spy; And butternuts—I've got 'em round the stove-pipe, brown and dry; He wants to lay the fire himself with maple hard and sound, And pop some corn upon the hearth when all are gathered round. He wants the things he used to have when he was but a lad. 'Tis somewhat strange, it may be, but it makes us mighty glad: We're both a little whiter, but our love depend upon 't, Is jest as green and stiddy as the hills of old Vermont. It fustered marm a bit at first about the Western wife, What she should do for one so fine and used to city life; But tucked between the boy's big sheets she found a little slip; She read it with a happy fear, a gently quivering lip: "Dear mother," them's her very words, "I write this on the sly, So don't tell John, but make for him a big, big pumpkin pie; I know it will delight him, for he still is but a boy— His mother's boy—and so he fills his wife's glad heart with joy." And so, you see, 't is busy times jest now for me and marm— The boy is comin' home to spend Thanksgivin' on the farm.

—John Mervin Hull, in Lippincott's.

## Things Most to be Thankful For.

The human race is naturally selfish and ungrateful. The more blessings and benefits that are showered upon them the more selfish they become until they come to believe the blessings they enjoy are really theirs by rights and that they are given to them because they are superior and deserve them. It is doubtful if we, at this Thanksgiving time, with its innumerable blessings, are as truly thankful and contented as those pilgrim fathers who set us the example and gave us this grand National holiday. That first Thanksgiving day was observed because they truly appreciated God's care over them and His guidance and direction in all their ways and doings. Theirs was not a formal "thank you" given only from the lips, but from grateful hearts. They conferred upon us a great blessing and among the many things to be thankful for, this Thanksgiving day is one of the greatest. In our strenuous life of the present, our restless, rushing life, so full and yet so empty, we need this day as a reminder of our untold blessings and to direct our thoughts to the Source of all our good gifts. A multitude of good things spread before us do not always make us happy, do not give us peace of mind and contentment, neither do they tend to make us grateful and appreciative. Rather they may rob us of the sensibility for the real joys and pleasures of life. They fill us but do not satisfy nor nourish, but leave us ever longing for something we know not what. In this school of life what are the real blessings? What the things to be most grateful for?

The greatest blessings are showered upon all alike and if we do not enjoy them it is because we do not accept them. We prefer to fill our lives with other things. There is a law in the universe that two things can not fill the same space at the same time. An Irishman decided he would enjoy one fine dinner at a hotel. When he looked over the bill of fare he thought he would begin at the beginning and take it as it came, not knowing the meaning of all the names given for the different dishes. He called for the first and it was soup, the next turned out to be soup, and so the next one—

somewhat discouraged, but not dismayed, he called for the entire menu, and when it was set before him he remarked to himself: "Mike, this is the time of your life—but you are full of soup." Thus we have set before us the best things to choose from but through ignorance and selfish greed we fill our lives with the first things that come, leaving no place for the best.

The church, which is the promoter of civilization and progress and holds the underlying principles of everything that pertains to the best interest and the welfare of man; the home, where the character is moulded and the purest, sweetest joys may be experienced; and the school which enlarges and develops our capacities for the duties and pleasures of life, are blessings most of all for which to be thankful. The love of our dear ones, and the sweet friendships that may be ours are priceless gifts that should bring from the heart true thanksgivings. Health is one of man's greatest blessings and one that is not appreciated and guarded by him as it should be. God is blessed for much illness that comes to man through his own fault. He has put here the things that tend for health, and given man rules to live by. The pure air, the vitalizing sunshine, pure water, healthful food, and an inborn sense of how to use them are his. God intended man to be well and live long upon the earth and if he would choose the few gifts and use them according to directions there would be more cause for thanksgiving. Man, in his desire to get things, in his eagerness to have everything, ignores the few gifts of pure air and water and in his haste bolts his food and almost forgets to breathe. Good health is essential to the enjoyment of all the other blessings for it influences us in every capacity. May we not crowd out of our lives the simple, every-day joys and pass through this beautiful world unmindful of the best things, but may we with grateful hearts pour forth true thanksgiving to the Giver of all goods gifts.

## The Thanksgiving Dinner.

The day is drawing near when almost every one will have a square meal, rich and poor; for if we are truly thankful for our blessings we will remember those who have less than ourselves, and pass them on. It is well to plan the dinner for the family some time in advance and when the day arrives have everything done the day before that can be. The soup can be made and reheated. The turkey can be made ready for roasting, the cranberry-sauce prepared, the chicken for the pie cooked, the mince and pumpkin pies made and the salad dressing prepared. Thus when the day comes it will not be such a heavy task and the housekeeper will not be too weary to enjoy the day with the family. I will give a suggestive menu which may help in deciding what to serve:

### MENU FOR THANKSGIVING DINNER.

Consomme Julienne.  
Browned Crackers.  
Roast Turkey, Cranberry Sauce  
Celery, Creamed Squash.  
Riced Potatoes, Chicken Pie.  
Escalloped Sweet Potatoes.  
Bread and Butter Sandwiches.  
Pickles.  
Celery and Walnut Salad.  
Rolls.  
Pumpkin Pie, Mince Pie, Cheese.  
Fruit and Nuts, Coffee, Sweet Cider.

Consomme Julienne.—Two quarts of soup stock made from a beef bone, or from Armour's Beef Extract, one quart mixed vegetables—celery, turnip, carrot, and parsnip—cut into inch strips as wide as a match, or into fancy shapes; one teaspoonful of salt, one saltspoonful of pepper, four table-spoonfuls of canned peas. Cover the vegetables with boiling water, add the salt and cook until soft, but not long enough to destroy the shapes. Let the stock come to a boil, add the vegetables, the water and more salt if nec-

essary. Serve very hot.—Mrs. Lincoln.

Browned Crackers.—Spread saltines with butter and grated cheese, and brown lightly in the oven.

Creamed Squash.—Cut a Hubbard squash into pieces, remove the seeds, place in a steamer over a kettle filled with boiling water and steam until well done. When cooked scrape the soft part from the shell, season with salt, pepper and plenty of butter, adding half a cupful of sweet cream. Put it in the oven and heat through, keeping it stirred. Heat for about fifteen minutes and put into a heated dish and serve hot.

Riced Potato.—Rub mashed potato through a vegetable strainer into the dish in which it is to be served. Brown lightly in the oven.

Escalloped Sweet Potatoes.—Slice eight cold boiled sweet potatoes into a buttered baking dish, arranging them in layers; season each layer with a generous amount of butter, a teaspoonful of tomato catsup, a saltspoonful of salt, a pinch of powdered mace and a little chopped parsley. When the dish is filled within an inch of the top, pour in gradually a coffee-cupful of rich cream, cover the top with browned breadcrumbs and bake thirty minutes in a moderate oven.

Bread and Butter Sandwiches.—Use bread a day old; trim off the crusts from the loaf, cut in thin even slices, spread with soft butter two by two, cut in triangles or long fingers. Pile in log cabin fashion on a large plate. The sandwiches can be prepared early in the day, wrapped in a damp cloth and kept in the refrigerator until needed.

Celery and Walnut Salad.—Mix two cupfuls of diced celery with one cupful of English walnut meats and one cupful of mayonnaise dressing; one teaspoonful each of mustard and pulverized sugar, one-half teaspoonful of salt, one-fourth of a saltspoonful of cayenne pepper, the yolks of two raw eggs, one pint of salad oil, two table-spoonfuls each of vinegar and lemon juice. Mix the dry ingredients in a bowl, add the yolks of eggs. Stir well with a wooden or silver spoon. Add oil, a few drops at a time, stirring till it thickens. This with a little lemon, then add oil and lemon alternately, and lastly the vinegar. Less oil can be used and half a cupful of whipped cream can be added just before serving.—Mrs. Lincoln.

Place a bed of lettuce leaves in a salad bowl, arrange the salad in the center, put a little of the dressing on the top and garnish with quarters of hard boiled eggs. Common boiled dressing may be used instead of the oil dressing.

## The Afternoon Nap.

The frequency with which medical men are asked whether it is harmful to indulge in the "afternoon nap" is not, perhaps, surprising for several reasons. Most persons have had experience of the seductive charms of the somnolence which has followed the comfortable digestion of a midday or evening meal. The meal finished, the diner arranges himself comfortably in an arm-chair; it may be he lights a pipe or cigar, takes up a newspaper, and prepares to make the most of the restful conditions of his mind and body. But Nature soon begins to assert her sway. In time the eyelids close, the head begins to nod, the newspaper falls from the hands, the pipe, no longer supported in the mouth, falls to the floor, and the symptoms of a nap are complete. Whether the winks be forty or one hundred in number, the result is the same,—a short, sound sleep. Then comes the question—Is it harmful thus to fall asleep after a meal? By no means, for the very obvious reason that the process is merely a physiological one, and as such, when it occurs, is quite natural. When digestion is in progress Nature has arranged that all the available blood in the body shall be collected in and about the digestive organs. Consequently the blood supply to the brain falls at a low ebb, and thus sleep is easily induced. On the other hand, of course, physiologically, it is wrong for brain work to be attempted immediately after a solid meal.—Medical Press.

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# The Young Folks

## A GOOD THANKSGIVING.

Said old gentlemen Gay, "On a Thanksgiving Day,  
If you want a good time, then give something away."  
So he sent a fat turkey to shoemaker Price,  
And the shoemaker said, "What a big bird! How nice!  
And since such a good dinner's before me I ought  
To give the widow Lee the small chicken I bought."  
"This fine chicken, oh see!" said pleased widow Lee,  
"And the kindness that sent it, how precious to me!  
I would like to make some one as happy as I—  
I'll give washwoman Biddy my big pumpkin pie."  
"And oh, sure!" Biddy said, "'Tis the queen of all pies!  
Just to look at its yellow face gladdens my eyes.  
Now it's my turn, I think; and a sweet ginger cake  
For the motherless Finigan children I'll bake."  
Said the Finigan children—Rose, Denny, and Hugh—  
"It smells sweet of spice, and we'll carry a slice  
To poor little lame Jake, who has nothing that's nice."  
"Oh, I thank you, and thank you!" said little lame Jake.  
"Oh, what a bootiful, bootiful, bootiful cake!  
And oh, such a big slice! I will save all the crumbs,  
And give them to each little sparrow that comes."  
And the sparrows, they twittered, as if they would say,  
Like old gentleman Gay, "On a Thanksgiving Day,  
If you want a good time, then give something away."  
—Marion Douglas, in Little Men and Women.

## Some Games for Thanksgiving.

### THE APPLE GAME.

An apple feat that makes fun and is not too easily accomplished consists in walking across the room with one on the head. If all the children try at once it will be more enjoyable. They are likely to run into one another, but will laugh over this as much as if they had succeeded with the balancing.

Apples are pretty objects to use in a memory test. Six or seven of them are placed about the room in plainly visible positions, and the little ones are taken in and allowed to look at them for a few minutes. They are told to see how many apples they can spy, and when they get back to the other room try to tell. Unless the children are very small the list had best be written, perhaps, for few, but very tiny tots are so utterly gulleless as to be able to resist the temptation to add to their list lacking apples that have been remembered by others. Those who remember all correctly might be rewarded with badges of red silk ribbon on which an apple, in gilded outlines, has been drawn.

### "THREE BLACK CROWS."

Here also is a game that can be played either indoors or out in the open. For it there must be ready three times as many balls of cotton covered with cloth as there are players. A leader being chosen, the others form a circle about her and she starts the game crying, "Three black crows are in the corn. Peck! Peck! Peck!" As she utters the last three words she touches three of those in the circle, and they step out and back from it, so as to be about four feet away. They are the crows. Each one faces so as to be able to run around the circle and back to her place, always keeping four feet away from the others. When the crows are in position the leader cries, "The farmer shoots them every dawn. Crack! crack! crack!" At the last "crack" the crows begin their race, and the members of the circle, who are all farmers, and each of whom is armed with three balls, throw these at the runners as they pass in an effort to strike them. Should they be hit no penalty follows, for the excitement of the game lies chiefly in the attempt to strike the crows. The cries and the expectancy of the moment when the start is to be made will cause sufficient exhilaration and laughter. When the runners have reached their places the first one "pecked" becomes leader; the balls are collected and again distributed for a new round of the fun.

### GAMES OF NOTED MEN.

The hostess begins by saying, "I

know a celebrated poet, the first part of whose name is very black, and the last is an elevation."

The player responding "Coleridge" in turn describes the name of some other noted person. For instance, "Shakespeare," saying, "I know a noted author and poet the first part of whose name people do when cold, the last part is a weapon of warfare."

Only give the profession, nothing else. The following names readily lend themselves to this simple but instructive little game:

Words-worth, Shelley (Shell-lea), Church-hill, Wal-pole, Web-stone, Washington, Long-fellow, Black-stone, Isaac Walton (Eye-sack-Wall-ton).

### Riddles.

Why is a policeman like a balloon? Because he takes you up.

When is money damp? When is it dew (due) in the morning and missed (mist) at night.

When does the cook break the game laws? When she poaches eggs.

When may a man be said to be literally immersed in business? When he is giving a swimming lesson.

Why can only the wealthy eat venison? Because it is dear (deer).

Why is a lucky gambler an agreeable fellow? Because he has such winning ways.

How long did Cain hate his brother? As long as he was Abel.

Why is a loaf that has fallen overboard like a herring? Because it's bread (bred) in the sea.

When is a lamppost a lamplighter? When the lamp is taken away.

Why should not 288 be mentioned in polite society? Because it is two gross.

What is that which was tomorrow and will be yesterday? To-day.

What is that which has been known to fly without wings? A defeated army.

What seaport in Scotland denotes two parts of the head? Eyemouth.

What is that which goes from Edinburgh to Portobello without moving? The road.

Why is a fender like Westminster Abbey? Because it contains the ashes of the grate.

Why are well-darned stockings like dead men? Because they are mended.

Why is a grocer's shop like an almanac? Because it contains dates.

Why may carpenters believe there is no such thing as stone? Because they never saw it.

Why is a gypsy's tent like a beacon on the seas? Because it's a light-house.

Why is the nose in the middle of the face? Because it's the scenter.

Why are a fisherman and shepherd like beggars? Because they live by hook and by crook.

### Be Attractive.

We frequently hear a girl express a wish to be beautiful. Very few are really beautiful but almost any one may be attractive. Good health is a beautifier, and deep breathing will do much for the health and appearance. It keeps the lungs supplied with oxygen which gives vigor to the body, brightens the eyes, clears the skin, and gives elasticity to the step. Another thing that adds to one's attractiveness is the right poise of the body and a graceful walk. The following directions to acquire a perfect carriage of the body are good for both girls and boys, great and small, to practise:

Did you ever try the little mental science trick of walking along with an imaginary star upon your chest and an imaginary basket of eggs upon your head? I know of no better way to acquire perfect pose than this. Simply fancy that the star upon the center of your chest is a real, scintillating thing and you will find yourself carrying your shoulders like a military man bent upon exhibiting his gold buttons. They say that a desire to display his gold buttons, after all, has more to do with the West Point cadet's perfect carriage than any other one thing.

When you are about to sit down remember that you still carry that basket of eggs upon your head, and you find yourself sinking gently and gracefully into your chair instead of just hunching into it. The same it

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## The Little Ones

### A CORDIAL INVITATION.

You dear little snowflakes way up in the sky.  
Please put on your wings and get ready to fly;  
We children invite you to travel this way.  
And come down to see us on Thanksgiving Day.

The sky is so gray and so cold and so bare,  
You will have a dull time keeping holiday there;  
We're waiting to welcome you, why do you stay?  
Dear snowflakes come down before Thanksgiving Day!

—E. H. T. in The Youth's Companion.

### Travellers.

"About time for the birds to begin to migrate," said Uncle Ralph, one cool morning.

Bliss had learned many interesting things about the birds during his summer's visit. He knew that migrating meant the departure of the birds for their winter home in the sunny South. His uncle had often referred to it before, but not as he did this morning.

Bliss looked up into the clear blue sky, as if he expected to see them then and there.

"Oh Uncle Ralph, I'm sorry the birds are going!" he said. "Do they all go at once?"

His uncle hastened to assure him that there would be plenty of birds left for several months to come, and that some would spend the whole winter there, finding food and shelter among the spruce and pine trees.

"The bobolinks will start soon, however," he said. "If we go out some bright, still night we shall be very likely to hear a merry 'Chink! chink!' as they scurry through the air. And a little later a faint 'St! st!' will tell us that the blackpoll warblers are on the wing."

Bliss was watching his uncle with wide shining eyes.

"How do they know their way, Uncle Ralph?" he asked.

"They have their leaders, just as people do who start on a tramp through the mountains. These leaders usually follow some river down to the sea."


"How tired they must get, Uncle Ralph, flying way across the ocean."

"Yes, they do get very tired; and people who travel by sea in the spring and autumn tell of little birds that light on the rigging of the ship to rest. For sometimes a great storm comes on when the birds are flying southward, and this blows them out of their course."

"And then a bird sometimes gets left behind by accident. I found a brown thrasher last November that had broken a wing. I fed it with cornmeal, and the bird grew very fearless, and I often used to find it waiting for me if I was not on hand with its breakfast as early as usual. By March it got so that it could feed itself, and probably soon found some of its returning companions."

Bliss considered it a great treat when Uncle Ralph related these little incidents from his bird experiences, and he resolved to keep his eyes and ears open during the next few weeks. "Things that you hear and see yourself are so much more interesting," he said.

One clear moonlight evening about a week later Bliss stood by the barn while Uncle Ralph unharnessed Daisy. Suddenly a number of swiftly moving black specks shot between his watchful eyes and the little star lanterns twinkling so brightly far above; and then upon the still evening air fell the merry "Chink! chink!" which Uncle Ralph had told him was the sound made by the bobolink family as they journeyed southward. Bliss was so delighted to have seen them that



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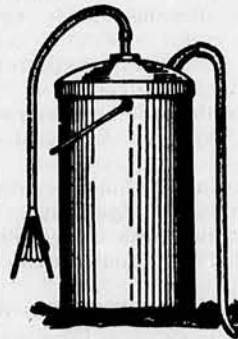
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he resolved if possible also to witness the departure of the warblers.

When he had almost despaired of catching sight of this second band of "flitters," he remembered another remnant of his aunt's, "A watched pot never boils." He saw its meaning.

"Perhaps a watched bird doesn't flit," thought Bliss. And so when he had given up watching every night, he happened to hear and see the blackpoll warblers sailing through the air.

"And now," said Bliss, "it is time for me to migrate." And the next day he went home.—Helen M. Richardson in Youth's Companion.



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Mayer "Special Merit" School Shoes are expressly made for the hard knocks and severe wear of healthy, romping school children.

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# Club Department

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## Our Club Roll

Excelsior Club (1902).....Potwin, Butler Co.  
Women's Literary Club (1902).....Osborne, Osborne Co.  
Women's Club (1902).....Logan, Phillips Co.  
Domestic Science Club (1888).....Osage, Osage Co.  
Ladies' Social Society No. 1, (1888)  
.....Minneapolis, Ottawa Co.  
Challito Club (1902).....Highland Park, Shawnee Co.  
Cultus Club (1902).....Phillipsburg, Phillips Co.  
Literature Club (1903).....Ford, Ford Co.  
Star Valley Women's Club (1902).....Iola, Allen Co.  
West Side Forestry Club (1903)  
Topeka, Shawnee Co., Route 8.  
Fortnight Club (1903).....Grant Township, Reno Co.  
Progressive Society (1903).....Rosalia, Butler Co.  
Pleasant Hour Club (1899)  
Wakarusa Township, Douglas Co.  
The Lady Farmer's Institute (1902)  
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Women's Country Club.....Anthony, Harper Co.  
Richardson Embroidery Club (1902)  
Madison, Greenwood Co.  
Prentiss Reading Club (1903).....Cawker City, Mitchell Co.  
Cosmos Club.....Russell, Kans.  
The Sunflower Club (1905).....Perry, Jefferson Co.  
Chaldean Club (1904).....Sterling, Rice Co.  
Jewell Reading Club.....Osage Co.  
The Mutual Helpers (1906).....Madison, Kans.  
West Side Study Club (1906).....Delphos, Ottawa Co.  
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Mutual Improvement Club (1903)  
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Clio Club (1897).....Columbus, Kans.  
Centralia Reading Circle.....Nemaha Co.  
White Rose Branch (1907).....Syracuse, Kans.  
Cedar Branch (1907).....Lookaba, Okla.  
(All communications for the Club Department should be directed to the Club Department, Kansas Farmer, Topeka, Kans.)

## HULL HOUSE WOMAN'S CLUB SONG.

A house stands on a busy street.  
Its doors are open wide.  
To all who come it bids "Good Cheer"  
To some it calls "Abide."  
Gathered within its friendly walls,  
A club of women find  
The joys of sweet companionship.  
Contentment for the mind.  
For they have learned, what all must learn,  
That in life's hardest storm  
The shelter we together build  
Is all that keeps us warm.  
That fellowship is heaven-sent,  
That it alone can free  
The human heart from bitterness,  
And give it liberty.  
Some hours they spend in quiet mood  
On poets' wings upborne.  
They lose themselves in others' joys,  
Or weep with those who mourn.  
Some hours by traveled memory led  
To foreign lands they roam.  
Some hours they bide beside the hearth,  
And talk of things of home.  
Some hours they sit 'neath music's spell,  
And when the air is rife  
With all the magic of sweet sound,  
They heal the pang of life.  
Some hours they dream with civic pride  
Of cities that shall be.  
Within whose streets each citizen  
Shall live life worthily.  
Some hours they sew with tender thought  
To keep one memory green.  
They talked of those whose lives are hard,  
Who suffer wrongs unseen.  
They ever open wide their hearts  
To all who are oppressed,  
And in life's strange perplexities  
They "strive for what is best."  
—Jane Addams in National Home Journal.

Texas Federation of Women's Clubs have awakened active interest to achieve substantial results for park, school, and vacation playgrounds. Being the largest State in the Union, its territory for such work is immense. They have planted trees and flowers. They have established sanitary drinking fountains all over the State. The children, as well as their parents, take great pride in making these "beauty spots," and the club women of the Lone Star State deserve the highest commendation from their fellow-citizens.

The chairman of the outlook committee of the General Federation of Women's Clubs, Miss Alice J. Fletcher, sent out, some time ago, an appeal to women to refrain from wearing aligrettes or plumes of the white heron, as the number of these beautiful snowy birds is rapidly diminishing, with a likelihood of their becoming extinct through the ruthless methods of the hunters. Miss Fletcher defends women from the charge of being cruel or heartless, vain or selfish, because they wear aligrettes and dead birds, and says they thus adorn themselves because they do not wear what they are told to, and she urges the exercise of more originality in this regard.

## Some Things that Need to be Said.

(Continued from page 1275.)

that I will try to voice. We have the trusts because, first, a large volume of business can be done at a lower rate of expense and a larger accumulation made by means of a small margin of profit, than can a small volume of business. This is the incentive to form combinations that will always be with us. The second principle is, that bonded indebtedness can be floated in any amount upon which the usual rates of interest can be paid with surety from year to year. For instance, if your farm is worth but six or seven thousand dollars and it makes a sure earning that will pay seven per cent on \$50,000, then you can bond it for \$50,000 and float or sell these bonds. And the difference between the seven and the fifty thousand is watered stock or bonds. There could be no money in stocks if the business did not earn enough to pay interest on the water. And right now we are confronted with the cold-blooded demand from the railroads that they must be allowed to make a fair percentage on their water as well as their real cost.

The causes that prevent the farmers from organizing to protect their interests can be voiced under a few principal heads.

First, farmers' organization only last so long as they prove money-making; in comparison, when business men organize and start a business they fully expect to lose heavily at the start and then work their way to a permanent paying business. The farmer will not stick to an agreement that brings a loss, even a small one, and before the business organization can be swung to a permanent basis the farmers throw themselves into the hands of the regular dealers and thus all hope for a profit or a permanent advantage is lost.

Then there is a natural jealousy existing and will always exist between neighboring farmers; it extends from their families down and through their live stock and still down to their grain yields and crop varieties. This rivalry prevents their close association in support of their mutual interests.

And lastly, no person, it matters not in what station of life, can keep a birdseye view of his surroundings and his interests if he be overworked and is hopelessly plodding along in the ruts of every day existence; and the farmer, when from sheer weariness he drops upon his bed, lies through the night with his muscles twitching from overstrain; with these conditions how can he be expected to see clearly or think strongly in his own interest?

Instead of fighting trusts, if the farmers would form one of their own and stick to it, their troubles would soon be over, because things would have to swing quickly to normal.

In conclusion let me urge upon all fruit men the importance of talking and writing to their retailers, their shippers and their commission men upon the subject of maintaining prices. Insist and keep insisting upon the point "the farmer's profit first of all." Also go to your grocer and agree to take off his hand, all of your fruit that deteriorates or becomes a loss—in fact, insure him against loss and turn him loose—you will be surprised how much better returns he can give you and how little if any he will turn back to you. This fear of loss more than any one thing, serves to depress prices.

And again, change the constitutions of your horticultural societies so that they will stand as a protection to its individual members in case of injustice; have it clearly understood that to slap one is to slap all; you will be surprised to find how quickly and how eagerly wrongs will be righted.

In final conclusion, "the farmer's profit first of all."

Here is a good one from Florida: "There is a lot said about working child labor, but no one says anything about a lot of our Senators working for the trusts when they are long past 70 years."

# OPEN SECRETS.

To overcome the well-grounded and reasonable objections of the more intelligent to the use of secret, medicinal compounds, Dr. R. V. Pierce, of Buffalo, N. Y., some time ago, decided to make a bold departure from the usual course pursued by the makers of put-up medicines for domestic use, and so published broadcast and openly to the whole world, a full and complete list of the ingredients entering into the composition of his widely celebrated medicines. Thus he has taken the many users of his medicines into his full confidence. Thus too he has absolutely and completely removed his medicines from among secret nostrums of doubtful merits, and made them REMEDIES OF KNOWN COMPOSITION.

Dr Pierce's medicines are now in a class all by themselves—being absolutely and in every sense Non-secret.

By this bold step Dr. Pierce has shown that his formulas are of such excellence that he is not afraid to subject them to the fullest scrutiny.

Not only does the wrapper of every bottle of Dr. Pierce's Golden Medical Discovery, the famous medicine for weak stomach, torpid liver or biliousness and all catarrhal diseases wherever located, have printed upon it, in plain English, a full and complete list of all the ingredients composing it, but a small book has been compiled from numerous standard medical works, of all the different schools of practice, containing very numerous extracts from the writings of leading practitioners of medicine, endorsing in the strongest possible terms, each and every ingredient contained in Dr. Pierce's medicines. One of these little books will be mailed free to any one sending address on postal card or by letter, to Dr. R. V. Pierce, Buffalo, N. Y., and requesting the same. From this booklet it will be learned that Dr. Pierce's medicines contain no alcohol, narcotics, mineral agents or other poisonous or injurious agents and that they are made from native, medicinal roots of great value; also that some of the most valuable ingredients contained in Dr. Pierce's Favorite Prescription for weak, nervous, over-worked, "run-down," nervous and debilitated women, were employed, long years ago by the Indians for similar ailments affecting their squaws. In fact, one of the most valuable medicinal plants entering into the composition of Dr. Pierce's Favorite Prescription was known to the Indians as "Squaw-Weed." Our knowledge of the uses of not a few of our most valuable native, medicinal plants was gained from the Indians.

As made up by improved and exact processes, and with the use of specially designed chemical apparatus, the "Favorite Prescription" is a most efficient remedy for regulating all the womanly functions, correcting displacements, as prolapsus, anteversion and retroversion, overcoming painful periods, toning up the nerves and bringing about a perfect state of health.

The exact proportion of the several ingredients used in these medicines, as well as the working formula and peculiar processes, apparatus and appliances employed in their manufacture, are withheld from publicity that Dr. Pierce's proprietary rights may not be infringed and trespassed upon by unprincipled

imitators and those who may be piratically inclined.

Dr. John Fyfe, of Saugatuck, Conn., Editor of the Department of Therapeutics in THE ECLECTIC REVIEW says of Unicorn root (*Helonias Dioica*) one of the chief ingredients of Dr. Pierce's Favorite Prescription: "A remedy which invariably acts as a uterine invigorator and always favors a condition which makes for normal activity of the entire reproductive system, cannot fail to be of great usefulness and of the utmost importance to the general practitioner of medicine."

"Helonias more fully answers the above purposes than any other drug with which I am acquainted. In the treatment of diseases peculiar to women it is seldom that a case is seen which does not present some indication for this remedial agent."

"The following are among the leading indications for Helonias: Pain or aching in the back, with leucorrhea; atonic (weak) conditions of the reproductive organs of women, mental depression and irritability, associated with chronic diseases of the reproductive organs of women, constant sensation of heat in the region of the kidneys: menorrhagia, ("flooding") due to a weakened condition of the reproductive system; amenorrhea, arising from or accompanying an abnormal condition of the digestive organs and an anemic (thin blood) habit; dragging sensation in the extreme lower part of the abdomen."

If more or less of the above symptoms are present, no invalid woman can do better than take Dr. Pierce's Favorite Prescription, which is rich in all the medical properties of Unicorn root, or Helonias.

## MEN AND WOMEN

should have a good medical book handy. They should have a book that treats of the sexological relations of the sexes as well as how and when to advise son and daughter. A standard work is the People's Common Sense Medical Adviser, by R. V. Pierce, M. D. Send 31 one-cent stamps for the latest thoroughly revised, cloth-bound book, or 21 stamps for the paper-covered volume. Address Dr. R. V. Pierce, Buffalo, N. Y.

# TEN ACRES OF PEARS BROUGHT \$15,000

Does this statement border on the marvelous? Suppose it could be verified? Suppose you could be shown other crop yields and returns therefrom equalled or surpassed it? Wouldn't you feel like investigating the merits of such a section? At any rate wouldn't you like to learn more about it and read what its citizens say about it? Then send to the undersigned for free copy of

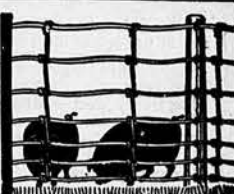
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## Dairy Interests

### Feeding Dairy Cows in Winter.

The kind of food that will be fed to cows in milk will, of course, be much governed by the production in any given locality. The aim should be, of course, to feed approximately a balanced ration. Opinions may differ somewhat, but not greatly, as to what a balanced ration may mean. On this point, however, divergence in opinion is not great. Where fertility is in equilibrium nearly all will agree to the statement that the aim of every dairyman should be to grow, as far as may be practicable, the food needed on his own farm.

### FOODS THAT NEARLY ALL MAY GROW.

There are certain foods that may be looked upon as standard for feeding dairy cows. Nearly every dairyman can grow them wherever he may be located, and because they are standard food he ought to try to grow them. These include as roughage, plants of the clover family, as silage, corn in one or the other of its varieties, and as grain, a mixture of wheat and oats. Of course, in addition to these many other foods will be grown, but these are of less importance than the foods named.

### PROVIDING CLOVER.

Wherever this beneficent plant can be grown it ought to be used with much freedom. The food furnished for cows represents only one element in its value. The benefit to the soil is always helpful, and in many instances greatly so. This fact should never be lost sight of when taking into account the comparison in nutrients furnished by clover and other plants.

Usually clover can be best grown in mixtures for dairy cows. This means that two or three varieties may be grown together. This not only adds to the yields, but also increases the value of the product. It would also seem correct to say that quite a sprinkling of timothy improves a clover ration for dairy cows. It does so by helping to support the clover while it is growing and by making it easier to cure when the crop is cut. Alfalfa will, of course, answer the same purpose as clover. Where neither may be had it may be quite possible to get vetch hay or cow-pea hay.

### PROVIDING CORN SILAGE.

No food can be grown in the United

States that will provide so large a proportion of nutrients as corn. But the nutrients furnished do not tell all the story. In addition to nutrients, when cured in the silo, its succulence is beneficial. It is helpful to the digestion. It also favors milk production. These are two advantages that it always will have over corn fodder fed in the dry form.

When the extent of the production that may be obtained from corn is considered, and when the ease with which it is fed is taken into the account, it does seem, indeed, surprising that any persons engaged in dairying will be content without a silo.

### FURNISHING GRAIN FOOD.

Clover and corn furnish a fodder ration that can not easily be improved upon for dairy cows. The grain complement is not always so easily obtained. Wheat and oats do not grow equally well in all parts of the country, but they do grow well over large areas. The first advantage from growing them together is the increased yields. The second advantage is that when grown in due admixture they furnish a suitable food. The third is that in very many instances they can be grown more cheaply than they can be bought. When silage from well-grown corn is freely fed it is not necessary to add corn to the meal ration.

### AMOUNT OF GRAIN TO FEED.

Two factors should be taken into account when determining the amount of grain to feed. One is the extent to which clover or alfalfa is fed, and the second is the production of the cow. The rule with some is to feed one pound of grain for every three pounds of milk produced. When clover or alfalfa form a large part of the ration it would seem reasonable to suppose that a less quantity of grain would suffice than the amounts named above.—Prof. Thomas Shaw in Orange Judd Farmer.

### The Water Supply of Dairy Farms.

By G. Lloyd Magruder, M. D., Emeritus Professor of Materia Medica and Therapeutics, School of Medicine, Georgetown University, before a conference at Washington, D. C.

### DANGER FROM A POLLUTED WATER SUPPLY.

The influence of a polluted water supply has long been recognized as a most potent cause of disease. Many virulent epidemics have been directly traced to this origin. The literature upon this subject is so full of instances that it is needless to cite examples. Immediate closure of such water supplies in cities, when sewage bacteria have been detected, has been universally recommended. The recent report to the Commissioners of the District of Columbia by the United States Bureau of Public Health and Marine-Hospital Service lays special stress upon this point.

How much more is this danger augmented when such bacteria are found in the water supply of the dairy farms! It is well known that few farms have the proper facilities for boiling the water that is used for washing the hands of the employees, the dairy utensils, and the udders of the cows. Polluted water readily contaminates the milk, which contamination is rapidly increased by the multiplication of the bacteria when the temperature is above 50° F.

It is a well-known fact that persons who have once had typhoid fever may continue for an indefinite period to be carriers of the bacillus. The recent investigations of Doctor Soper, of New York, who isolated the bacillus of typhoid from the feces of a cook who refused to give her history as to having had the disease, showed seven outbreaks of typhoid fever, giving 26 cases, with one death, in families in which this cook had been employed. The common custom which prevails in rural communities of depositing human excreta upon the surface of the ground, frequently in close proximity to residences and barns, has been repeatedly noticed. Even in cases of disease this has been done without previously disinfecting the discharges.

Bulletin 93 of the Bureau of Animal Industry, United States Department of

Agriculture, recently issued, reports the isolation of the tubercle bacillus from the feces of cows and the production of tuberculosis by inoculating guinea pigs with the bacillus thus isolated. In healthy cows, tuberculin tested, these same results were obtained after giving them water to drink in which tubercle bacilli had been placed.

In view of the possible presence of the bacilli of typhoid fever and tuberculosis, the question of sewage bacteria in the water supplies of the dairy farms is a much more serious matter than was formerly considered. The knowledge that typhoid fever was two and one-half times more prevalent in 1906 in the counties of Maryland than in the city of Baltimore, and the evidence, as stated elsewhere in this report, that 148 out of 195 epidemics of typhoid fever attributed to milk were directly traced to the dairy farm, add to the seriousness of these conditions.

It has been observed that many wells, springs, and cisterns are loosely or not at all covered, poorly protected from surface drainage, and, in numerous cases, are located in close proximity to the barnyard or the household privy, at times even in places that catch the drainage from the same.

### EXAMINATIONS OF WATER SUPPLIES OF DAIRY FARMS.

The examinations made by officials of the Department of Agriculture during November and December, 1906, in comparatively cool weather, showed that of the 60 water supplies of dairy farms taken at random in Maryland, Virginia, and the District of Columbia, 16 contained less than 500 bacteria per cubic centimeter and were free from *Bacillus coli*; 6 below this number contained the colon bacillus. The remaining 44 water supplies contained bacteria up to 27,200. Of these 44, 21 contained the colon bacillus.

These tests warranted the classification of these water supplies as follows: Sixteen good, 15 fair, 17 suspicious, and 12 unfit for use. From Professor Sedgwick's classification, 44 would have been considered polluted. In a recent letter he says: "I should say that all of the wells under consideration which had more than 100 bacteria per cubic centimeter were to be classed as suspicious, and that

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**EMPIRE**

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Most Famous Cream Separator  
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these having 500 or over were in all probability polluted."

The results of these examinations confirm the wisdom of the recommendation made in 1894 by the committee of the Medical Society of the District of Columbia upon the prevalence of typhoid fever, for the careful inspection

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separators—skim twice as clean. Prof. J. L. Thomas, instructor in dairying at the agricultural college of one of the greatest states in the Union, says: "I have just completed a test of your separator. The skimming is the closest I have ever seen—just a trace of fat. I believe the loss to be no greater than one thousandth of one per cent."

That is one reason why you should insist upon having the Tubular. Tubulars are different, in every way, from other separators, and every difference is to your advantage. Write for catalogue S-16 and valuable free book, "Business Dairying."

**The Sharples Separator Co.,**  
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tion of all dairy farms for all possible sources of infection, including the water supply, and prove that repeated chemical and bacterial tests should be made of the water supply of every dairy farm supplying milk to the city of Washington. They afford another proof of the imperative need of a well-equipped chemical and bacteriological laboratory for the health officer.

#### HOW TO REMEDY INSANITARY CONDITIONS.

Fortunately many of these insanitary conditions upon the farm can be readily and easily remedied by the farmer himself by the exercise of a little care and at a very trifling cost.

All water, except that above suspicion, used for dairy purposes should be boiled. Those engaged in the handling of dairy products should be required to observe the greatest care as to the cleanliness of their clothes and persons. Frequent washing of the hands should be practised. The source of the water supply should be at least 50 feet from any possible infection, and a greater distance if in line of drainage from any infection.

The wells, springs, and cisterns should be carefully walled and covered to protect them from seepage, drippings, and dust. A well-built coping, extending a foot or more above the ground, would be very effectual. Preferably deep-driven wells should be used when possible. Owing to the inclination of the rock formation in the vicinity of Washington, D. C., there are not always absolutely reliable. When a well is found to be polluted it should be thoroughly cleaned and properly disinfected.

All fecal discharges should be deposited in a safe place, and those from fever cases in addition should be intelligently disinfected.

Since freezing does not immediately kill bacteria, careful supervision should also be observed over the supply of water and the location of ice ponds from which ice is obtained for household and dairy purposes.

By observing these simple precautions, which would in no way be a hardship to the producers, much would be accomplished to ward securing a better milk supply.

## The Poultry Yard

CONDUCTED BY THOMAS OWEN.

### An Egg Farm.

There are not many egg farms in the United States and when a person sees one, it is all the more interesting for its rarity. The writer was in Leavenworth County last week, and at Tonganoxie saw one of the best-arranged egg farms it was ever his pleasure to see. It is owned by Mr. R. B. Wilkinson, who is a mechanical genius of no mean caliber. The poultry-house is a two-story building, 20x54, with a shed 10x54. It is built of grout or concrete, and the walls are thick, strong, and substantial. Its capacity is 400 laying hens and a prettier sight we never saw than those 400 S. C. White Leghorns on their roosts. Mr. Wilkinson holding his lantern at one end of the room while we looked at them from the other. The upper story is used for the roosting place and the lower floor for the scratching and laying room. The hens have the run of the farm in fair weather but in cold weather they are confined to the house. It is an axiom among poultrymen that more than fifty hens under one roof is unsafe and unprofitable. But Mr. Wilkinson has four hundred hens under one roof and all doing well and thriving like a green bay tree. Not a sick or droopy chicken did we see among the whole flock. We attribute his success to the perfect system of ventilation he has in his house. He has ventilators that take the foul air from near the ground, ventilators that take it from the upper room, through the cupola and again he has ventilators all along the eaves on both sides of the long room that takes the foul air over the ceiling into the outer air. This system is of Mr. Wil-

kinson's own invention and one we had never seen or read of before. He told us that by closing some of these ventilators he could kill all his fowls with foul air in a few days. It was a noticeable fact that although there were 400 fowls in this house, there was not a trace of foul odor, something we have never before observed in any kind of poultry house.

Mr. Wilkinson does not believe in much artificial heat, though he has the means of heating this house in very cold weather if desired. The house never becomes damp from the animal heat of the hens, as the general run of poultry houses do.

The incubator and brooder house is a one and a half story building, the upper story being used as a work-room and carpenter shop. The incubators and the brooder are run by natural gas and everything connected with them is very handy and convenient. The brooder has a capacity of several hundred chicks and is heated by a pipe running nearly the whole length of the building. Mr. Wilkinson tells me he can raise chicks successfully in the coldest of weather and keep them thriving. To get the necessary animal food for these large numbers of fowls and chicks, Mr. Wilkinson was induced to go into the slaughtering business and now has the necessary buildings for carrying on a regular slaughter house and meat market. He kills beefs, calves, and hogs, selling some at home and shipping the balance to Kansas City. He has built up quite an extensive trade in this line. The offal, heads and feet of these animals, he cooks in a large boiler for his chickens. He often throws in a lot of oats and boils them with the other ingredients. After being thoroughly cooked he mixes in it some bran, corn chop, and linseed meal and it proves a very savory mess for the fowls and makes them shell out eggs in great shape. What the fowls do not eat of the offal he feeds to his hogs and thus gets rid of all the waste material to a profitable advantage.

He has a fine slaughter house for beefs with a meat market combined, a building for killing calves and hogs, another for rendering lard and making sausage, and a smoke-house with a capacity of smoking one hundred hogs. All of these buildings are substantially built and have cement floors, with thick concrete or grouted walls, making them warm in winter and cool in summer.

The mechanical ingenuity of Mr. Wilkinson crops out in all these buildings in the way of handy devices for curtailing labor and doing rapid work. Everything is so handy and convenient that work is done with a minimum of labor. In his poultry and brooder houses he has solved problems that have baffled poultrymen for years and years, and this knowledge is worth money to him who gets the benefit of it.

In another part of this journal Mr. Wilkinson offers this place for sale, because he wishes to devote his entire time to putting on the market a new incubator that he has just completed. For years he has been experimenting with different makes of incubators but found them all deficient in several essentials to successful incubation. He has invented a machine that will hatch all hatchable eggs, and has a regulator that does not require a person to sit up nights to watch it. It will require not half the heat that is usually required in an incubator. He has the regulating, the ventilating, and the moisture problems solved and if it works as well as his poultry house and the brooder, he has a fortune in it.

In addition to the buildings we have mentioned there is a well-built residence of six rooms, a large barn with basement and shed; a windmill with water piped to feed lots; a Monarch wagon scales for weighing cattle, hogs, hay, corn, etc.; bone-cutter, clover-cutter, feed-grinder, sausage-mills, kettles, ropes and pulleys, buggy, wagon, double harness; lots of lumber and feed; 7 corrals in feed lots; young peach orchard, and 5

acres of land. More land can be purchased if desired.

Tonganoxie is a thriving town of over one thousand inhabitants. Has two goods railroads, is 14 miles from Lawrence, 21 from Leavenworth, 40 from Topeka, and 28 from Kansas City. Natural gas in residence, poultry and brooder houses and other building and street lamp of natural gas in center of yard, 1,000 feet of gas pipe altogether. Telephone connections with city and farms in county and long distance to all parts. \$7,000 takes it, half cash, balance on time, or might take balance in good real estate.

Property is within city limits, which has the best of school facilities, high school as well as graded schools. Here is a chance for a man with a growing family of boys to step right into a paying business. The good will and trade is worth considerable money but nothing is asked for this, the improvements alone being worth the money.

Mr. Wilkinson and wife have lived on the place for 25 years and have planted and cared for every shrub and tree on it. There is beautiful shade around the house, and the location, on a gentle slope and ideal one for a poultry farm. While Mr. Wilkinson makes a specialty of the egg business, we think that the raising of broilers could be added to it without any extra buildings. Kansas City is one of the best markets for broilers and eggs in the country.

The old proverb says that opportunity knocks but once on any man's door. She is knocking now, in this instance, on some one's door. Is it yours? Do you hear the knock?

### BUFF ORPINGTONS.

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.

### RHODE ISLAND REDS.

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

### WYANDOTTES.

SPECIAL PRICES on White Wyandotte hens, pullets and cockerels for a short time; also White Holland turkeys. Mrs. E. F. Ney, Bonner Springs, Kans.

B. P. ROCKS, PARTRIDGE WYANDOTTES—Birds of royal breeding. Low prices for 30 days. Mrs. Minnie K. Clark, R. 3, Lawrence, Kans.

GOLDEN WYANDOTTE COCKERELS for sale. Strong, vigorous, early hatched. Also a few M. B. turkeys. A. B. Grant, 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.

### PLYMOUTH ROCKS.

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

WHITE PLYMOUTH ROCKS exclusively; young and old. Stock for sale. J. C. Bostwick, Hoyt, Kans.

PLYMOUTH ROCKS—Barred Rocks; some pure-bred cockerels for sale now, 75 cents each. Mrs. Wm. Bumphrey, Corning, Kans.

### For Sale Until December 1 1907.

Pure-bred B. P. Rock chickens by prize-winning birds. Cockerels \$1 each, pullets \$2 per dozen, \$5 per half dozen. A. C. Merritt, Hillcrest Fruit and Poultry Farm, North Topeka, Kans. Independent phone 4351.

## White Plymouth Rocks EXCLUSIVELY

Good for Eggs. Good to Eat. Good to Look at.

W. P. Rocks hold the record for egg-laying over every other variety of fowls; eight pullets averaging 289 eggs each in one year. I have bred them exclusively for twelve years and have them scoring 94 to 96%, and as good as can be found anywhere. Eggs only \$2 per 15; \$5 per 45, and I prepay expressage to any express office in the United States. Yards at residence, adjoining Washburn College. Address

THOMAS OWEN, Sta. B. Topeka, Kans.

### MISCELLANEOUS.

AGENTS—To sell and advertise our Poultry Company; \$35 weekly; rig furnished. Franklin Manufacturing Company, Norwalk, Ohio.

## Lost Feathers

Feathers on the ground and dropping from sleepy, droopy, half-sick hens—that's moulting time, when egg production usually ceases.

Mr. Poultryman, it's now up to you to restore the weakened hens to normal vigor and put them in proper trim for a large egg yield through the coming winter. Give them each morning

## DR. HESS Poultry PAN-A-CE-A

in the warm mess. It vitalizes and "tones" the drooping bodies, aids digestion and carries off the clogging poisons that weaken and debilitate the hen. Thus it shortens the moulting season and hastens the return of productivity. Poultry Pan-a-ce-a is the prescription of Dr. Hess (M. D., D. V. S.). It makes hens lay, market fowls fat, chicks grow fast and also wards off all poultry diseases. Endorsed by leading poultrymen and sold on a written guarantee.

Costs a penny a day for 30 fowls.

1 1/2 lbs., 25c., mail or express, 40c.; 5 lbs., 60c.; 12 lbs., \$1.25; 25 lb. pail, \$2.50.

Send 2c. for Dr. Hess 48 page Poultry Book, free.

Dr. HESS & CLARK, ASHLAND, OHIO.

Instant Louse Killer Kills Lice.

### LEGHORNS.

FOR SALE—15 S. C. W. Leghorn cockerels at \$1 and \$2 each. If you wish to improve egg production in your grade hens, get a few of these cheap, pure-bred cockerels, or improve your flock of White Leghorns by buying one of the \$2 birds. R. B. Wilkinson, Tonganoxie, Kans.

FOR SALE—Scotch Collie pups and Rose Comb Brown and White Leghorns; S. S. Hamburg cockerels. Chas. W. Gresham, Bucklin, Kans.

ROSE COMB Brown and White Leghorns. Pure-bred, April-hatched cockerels, \$1 each. Buy early and get the best. Samuel Andrews, Kinsley, Kans.

PURE-BRED S. C. B. Leghorn cockerels \$1 each, six for \$4. Mrs. F. E. Town, R. 3, Haven, Kans.

Grand cockerels from prize winners of the Famous Witman strain of S. C. Brown Leghorns. Prices from \$1.50 to \$5.00 each. Special prices on doz. lots. L. H. Hastings, Quincy, Kans.

S. C. BROWN LEGHORNS—Some fine early hatched cockerels for sale cheap. We handle two best strains of Leghorns. Come early if you want the best. Write for prices. L. H. Hastings, Quincy, Kans.

STANDARD-BRED SINGLE COMB BUFF LEGHORNS—Headed by first prize pen, Chicago show 1906 and took six first prizes and first pen at Newton, 1904. Eggs, \$3 for 15. S. Perkins, 501 East First Street, Newton, Kans.

### BRAHMAS.

LIGHT BRAHMAS—None better east or west. Fens of 4 hens, 1 cockerel, average better than 90 points. \$10 per. Cockerels to head your flocks. Write J. T. Edson, Schaller, Iowa.

## Light Brahma Chickens

Choose pure-bred cockerels for sale. Write or call on Chas. Foster & Son, Eldorado, Kans. Route 4

### BLACK LANGSHANS.

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

## FOUR DOLLARS

Yearly profit from each hen assured by using Little Gem Hatcheries and my Bifold System. All fertile eggs hatched and almost every chick RAISED. Hens safely forced to lay over 200 eggs a year each. Fowls fattened 2 to 4 pounds in 20 days, and prime poultry food made for only 8 to 12 cents a bushel. Convincing proof free. F. GRUNDY, Expert Poultryman, Morrisonville, Ill.



Hatch Chickens by Steam with the EXCELSIOR INCUBATOR Or WOODEN KEN

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatchers made. GEO. H. STAHL, Quincy, Ill.

## 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.



## For the Man Behind the Herd.

(Continued from page 1272)

case may be, in accordance with the above stated conditions.

The purpose of awarding this series of valuable and beautiful medals is to show appreciation on the part of the management of the large share of credit due herdsman for the excellence of the yearly exhibits of cattle at the International, to offer added incentives and a further reward to these faithful men for the intelligent thought and painstaking care by which they have sought to improve the breeds to which they are devoted, and to induce other herdsman to strive for similar honors.

While it is not expected that these prizes will increase interest and effort in a field where both are already exercised to the fullest extent, yet it is hoped that they will add enthusiasm to the work of preparation and increase the number of those who strive for the highest honors in the exhibition rings.

## Scotch-Topped Shorthorns at Auction December 6.

On another page of this issue, Geo. F. Hart and R. R. Glasgow, of Summerfield, Kans., are advertising their great sale of Scotch-topped Shorthorn cattle, which will occur Friday, December 6. Their offering, which includes some of the best things from their combined herds, numbers forty-nine head, as follows: Thirty-four cows, nine young bulls, and five yearling heifers, and Royal Ben Barker, one of their herd bulls. The cows are a choice lot of known breeding qualities, and are from such families as Village Rose, Raspberry, Rose of Sharon, Annabella, and Golden Galaxy. Twelve of them are by Imp. bull Hampton Prince, and others are by such sires as Oxford Prince, Tenth Scottish Lord, and King Edward. Imp. Hampton Prince was bred by Thos. Russell & Son, of Exeter, Ont., and was got by Lord Hampton 151402, he by Bapton Czar 13206, out of Missie 147th by the noted William of Orange, one of the greatest breeding bulls ever owned in Scotland.

In the bull division are some of the real attractions of the sale. Gold Medal 266239, calved May 23, 1906, got by Secret Prince, dam Beauty, by Oxford Prince, and Gold Coin 266238, calved May 13, 1906, got by Secret Prince, dam Rosy Red by 40th Barington Duke, tracing to Imp. Raspberry by Prince of Worcester, are two of the best bull prospects that the writer has seen this year, and they should both go to head good herds. There are three other yearling bulls that are good ones. Two of these are by Secret Prince and one is by Red Lad 163764. The dam of one of these is by Galanthus 4th, tracing to Imp. Gladiator. Royal Ben Barker 201420, the herd bull that will go in this sale, was bred by J. R. Barker, Clinton, Mo. He was got by Ravenswood Florist, dam Ruth Duchess by 6th Duke of Cedarview. The dam traces to Imp. Duchess Surmise. Royal Ben Barker has great scale, lots of finish, and is a splendid breeding animal, and this year's crop of calves by him are remarkable for their good backs, thick, mossy coats, and show easy feeding and early developing qualities. This bull is good for several years of hard service and should go to fill a place in some good herd.

A number of the cows will have calves at foot by Secret Prince. Mr. Hart's straight Scotch herd bull, and Royal Ben Barker, and nearly all females of breeding age will be safe in calf to Secret Prince. Secret Prince 206547 is by Imp. British Prince, dam Imp. Strawberry 4th, she by Topsman. He is a show bull and a wonderful breeding animal. He won first in class at the Nebraska State Fair 1906. As an individual he possesses abundance of scale and lots of quality. He is of the easy feeding, early maturing kind, and he transmits these qualities to all of his get.

This will be one of the good Shorthorn sales of the year, and all lovers of good cattle should not fail to be present. Messrs. Hart & Glasgow do not expect high prices, but everything in this offering will be worth the money. Look up their advertisement in this issue of THE KANSAS FARMER and write for catalogue, mentioning this paper.

## International Galloway Auction December 6.

Corn-belt Galloway breeders have consigned a choice lot of bulls for the American Galloway Breeders' Association sale to be held at Chicago December 6, during the week of the International show.

The bull offering consists of eleven extra choice imported bulls and a few others that are by noted imported bulls, and out of imported cows.

C. E. Clarke has contributed four bulls that are conceded the best that he ever imported from Scotland. They were all selected from the best herds in Scotland and have been first prize winners at many of the leading shows of Great Britain. One of these bulls is by the celebrated bull Chancellor, who was champion of the breed in Scotland this year, and the others are all by famous bulls that have been instrumental in building up the Tarnbrook and Castlemilk herds. The great home-bred bull calf Gentleman Jim, that has been winning at all the leading shows this year, is also included.

O. H. Swigart has put in four imported bulls which have been noted prize winners in Scotland and Canada. Stormont 30953 is a great individual and has made a great record this year. He is by imported Victory and comes maternally from the illustrious Adela family that produced so many noted animals in the herds of David McCrae and the Brookside Farm Company. Imp. Campfollower 8d of Stepford is an excellent bull that is just in his prime and he has won the highest honors of the show ring in Scotland in recent years. He combines size and quality in a greater degree than any other bull in show or sale. His half brother was imported in 1904 and headed Mr. Swigart's herd very successfully for several years.

Michigan Premium Stock Company

has consigned two very choice bulls—viz., Stately Boy of Thornhill and Jumbo of Willwood. The former was one of the best young bulls imported in 1904, and the latter is a son of the renowned Graham of Avondale, which is conceded to be one of the best individuals and breeding bulls in the country at present.

James Frantz has included his herd bull Rambler of Corn Belt. This bull has been a noted first prize winner for several years and his present owner parts with him very reluctantly, but feels he can not use him any longer because he has too many of his daughters in the herd.

Bales & Son are also consigning their champion bull Wild's McDougall, which has won at all the leading shows this season, because they are unable to use him on his closely related McDougall 4th heifers.

A. F. Craymer has contributed a son of imp. Scottish Samson, the bull he recently won the championship with at Iowa State Fair and later died at the Minnesota State Fair.

Every bull in the offering is fit to head any of the best herds of the country. They are all bred in the purple and their individuality has been fully demonstrated by the prizes they have won at the leading shows of Great Britain, Canada and America.

Every matured bull in the sale has been an excellent breeder and has sired animals that have been prize winners.

This will be the last opportunity of the season and we venture to state for several seasons to come, to secure some of the best bulls of the breed in this country or Scotland at public prices.

Mention will be made of the superb female offering in the next issue. For catalogue and further information in regard to sale, address Charles Gray, 17 Exchange Avenue, Chicago.

## Hillside Durocs.

W. A. Wood, of Elmdale, Kans., is advertising seventy-five head of well-grown March and April pigs for sale at prices that will move them; also a few choice 1- and 2-year-old sows.

This stuff is developed on muscle- and bone-producing feed, with plenty of alfalfa range, and an abundance of pure water, and is from prolific families. The spring crop that he is offering for sale are by such sires as Elmdale King, Crimson Knight, and Oom Paul 4th.

Crimson Knight, who heads the herd now, is by Nebraska George and he by Morton's Prince.

The herd sows are the large, smooth, prolific kind, and are from some of the best families of the breed.

This is a good place to get foundation stock or to secure new blood for herds already established.

Mr. Wood ships only tops on mail orders and his prices and stock are right. Write him for descriptions and prices and mention THE KANSAS FARMER.

## Special.

We call attention to the advertisement of Dr. W. J. Lankford, of Chanute, Kans., which starts in this issue. The doctor cures piles and gonor with out the use of knife or ligature, to be paid for when cured. His treatment does not detain from work.

Call or write and he will furnish treatment as he agrees.

## Good Roads in Kansas.

Great credit should be given The Corrugated Metal Manufacturing Company of Emporia, Kans., for the exceptionally good roads in many parts of the Sunflower State. This firm makes among other things, a corrugated steel culvert which is so heavily galvanized that it is rust-proof and strong enough to stand up "under any load that travels the high-ways," as they say in their advertising. It is a well known fact that wooden culverts last but few years at most and that tile is a very unsatisfactory material for culverts. So, because of its reasonable price, and the steadily advancing price of other materials, it is easy to see that this corrugated, galvanized culvert is to be the culvert of the future. In some localities, nothing else is being used and it is being well introduced all over the State. County and township officers, taxpayers, and others who have the good of the community at heart would do well to write the above mentioned firm for complete information concerning the modern corrugated, galvanized road culvert.

## Buying a Farm Wagon.

It should not require argument to convince any one that it is economy to buy a good wagon. Practically every farm implement has its season, that is, it has a period of more or less steady use, followed by a much longer period of idleness. It is different with the wagon. It is in use, or may be called into use, every day in the year. It has to endure all kinds of treatment, carry all kinds of loads, often over roads and through sloughs and along hillsides which should be considered impassable, and it is necessarily exposed to all kinds of weather. The wagon is expected to stand all this, and to be found doing duty after a long term of years. It is a trying service. Naturally only the wagons that are built with scrupulous honesty are equal to the duty.

Among the wagons that can be depended upon to give long, satisfactory service is the line manufactured by the International Harvester Company. These are: the Weber, the Columbus, and the New Bettendorf. Each of these is built to be a model of wagon service in the factory where it is made, and all have proved their worth by standing up year after year under the most trying tests that wagons are ever called upon to endure.

The name Weber is familiar to wagon users everywhere. It is a synonym for wagon excellence. It is in use practically all over the country. Not less can be said for the Columbus, a wagon admirably adapted to farm uses and built by the best of skilled mechanics from the best procurable materials. Both the Weber and the

## Train Pride

THE people of Kansas City and of the entire Southwest have a pardonable pride in the superior passenger train service between Kansas City and Chicago.

The particular train to which they point with pride is THE SOUTHWEST LIMITED of the

## Chicago, Milwaukee &amp; St. Paul Railway

THE SOUTHWEST LIMITED is the acknowledged leader of the Kansas City-Chicago trains, and has held this enviable distinction since it made its first trip.

Leaves Union Station, Kansas City, 5:55 P. M. and Grand Avenue 6:07 P. M. and arrives Union Station, in the heart of Chicago, 8:25 each morning.

"LONGER, HIGHER, WIDER" berths in standard and compartment sleeping cars.

G. L. COBB,

Southwestern Passenger Agent,  
907 Main Street, Kansas City.

Columbus and high class wooden wagons.

The New Bettendorf differs from the Columbus and Weber in that its front and rear gears are made of steel. This adapts it to use in any climate. There can be no swelling or shrinking and drying apart, and it is a wagon that can be relied upon to carry any load the average farmer has occasion to haul.

These several makes of wagons are sold by different International local dealers. Catalogues and all particulars may be had from them or correspondence direct with the main office at Chicago will receive prompt attention.

## Growth of Boot and Shoe Concern.

Milwaukee can be proud to be the home of the Mayer Boot and Shoe Company. Next to the fame of Milwaukee's great breweries comes the country-wide reputation of Mayer boots and shoes. Mayer shoes have won their reputation on quality. The Mayer Boot and Shoe Company has persistently refused to lower quality to enable it to sell shoes at a lower price, and by maintaining this honest and superior quality and keeping in the front rank in style, it has gradually won the confidence of thousands of shoe wearers who purchase Mayer-made shoes year after year—who look at the Mayer trademark as positive evidence of style, comfort and good wearing quality.

This quality policy so consistently pursued has resulted in healthful and rapid growth. In the twenty-five years since the Mayer Shoe Company began operations it has outgrown six factories. And in the last six months, during which the last factory annex in Milwaukee has been building the volume of business has so greatly increased that even with this new annex the output lags far behind the demand.

Including the new Seattle factory, which has just been completed, the total capacity of the Mayer Boot and Shoe Company exceeds 9,000 pairs a day. This remarkable output, together with the inability of the Mayer Company to build factories fast enough to keep pace with the demand, is most convincing evidence of the high quality of Mayer footwear.

In the first place the Mayer shoes are

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. WM. W. DANENHOWER, Prop.

sensible. While good style is an important factor, comfort is always a greater consideration; while conspicuous extremes are avoided, refined dressiness is always secured. The exceptional durability and splendid wearing quality of Mayer shoes are due to the use of only the best leather and the employment of only the most experienced and skillful workmen. From the wide range of styles you are certain to find one which pleases. The best known brands are the "Honorbilt" fine shoe for men; the "Leading Lady" fine shoes; the "Martha Washington" Comfort Shoes; "Special Merit" school shoes, and the "Yerma" cushion shoes. If you want a dress shoe, a work shoe, or a shoe dressy enough for general use, yet sturdy enough for rough usage, it is our belief that you can't do better than to ask your dealer to supply you with one of the Mayer brands.



**FURN-BRED STOCK SALES.**

**Shorthorns.**  
November 26—M. C. Vansell, Muscotah, Kans.  
December 6—G. F. Hart, Summerfield, Kans.  
January 17—C. M. Garver, Abilene, Kans.  
February 19—J. P. Stodder and others, Burden, Kans.  
March 19—J. P. Stodder and others, Burden, Kans.  
**Herefords.**  
December 12—Capitol Bluff Herefords. E. R. Ryan, Blue Rapids, Kans.  
January 20—A. Johnson and others, Clearwater, Kans.  
February 23—C. A. Stannard and others, Kansas City, Mo.  
**Poland-Chinas.**  
November 22—C. E. Hodges, Garden City, Mo.  
November 22—F. F. Oerly, Oregon, Mo.  
November 22—J. D. Spangler, Sharon, Kans.  
November 30—Martin Lents, Asherton, Mo.  
December 4—Geo. Noll, Odessa, Mo.  
December 17—B. H. Colbert & Co., Tishomingo, I.  
January 10—Wm. Wingate, Trenton, Mo.  
January 13—A. B. Garrison, Summerfield, Kans.  
January 18—M. Bradford & Son, Rosendale, Mo.  
January 23—H. B. Walters, Wayne, Kans.  
January 23—Dr. B. P. Smith and H. J. Reickley, Bonvale, Kans.  
January 30—H. K. Faulkner, Jamesport, Mo.  
February 6—O. E. Tennant, New Hampton, Mo.  
February 6—R. E. Maupin, Pattonsburg, Mo.  
February 7—F. D. Fulkerson, Brimson, Mo.  
February 8—W. T. Hammond, Portis, Kans., at Manhattan, Kans.  
February 9—Thos. F. Walker, Alexandria, Neb.  
February 13—A. P. Wright, Valley Center, Kans.  
February 14—H. W. Phelps, Scottsbluff, Kans.  
February 15—Logan & Gregory, Beloit, Kans.  
February 17—C. M. Garver, Abilene, Kans.  
February 20—E. E. Axline and Knapp Bros., Independence, Mo.  
February 25—L. D. Arnold, Abilene, Kans.  
February 26—W. H. Bullen, Belville, Kans.  
March 13—W. C. Topliff, Babon, Kans.  
**Duroc-Jerseys.**  
November 26—Geo. Hannon, Olathe, Kans.  
November 26—Marshall Bros. & Stodder, Burden, Kans.  
December 20—F. L. Bailey, Bonner Springs (Dis.), Kans.  
January 14—Ward Bros., Republic, Kans.  
January 21—Jas. L. Cook, Marysville, Kans.  
January 22—Geo. Kerr, Sabetha, Kans.  
January 22—F. H. Erickson, Olathe, Kans.  
January 23—J. B. Davis, Fairview, Kans.  
January 23—Samuelson Bros., Bala, Kans., bred sow  
January 24—J. T. Mullingbrooks, Morrill, Kans.  
January 27—J. E. Joines, Clyde, Kans.  
January 28—Grant Chapin, Green, Kans., at the Agricultural College, Manhattan, Kans.  
January 29—J. O. Hunt, Marysville, Kans.  
February 3—Rathbun & Rathbun, Downs, Kans.  
February 4—B. N. Welch, Waterville, Kans.  
February 5—C. G. Steele, Barnes, Kans.  
February 6—J. F. Chandler, Frankfort, Kans.  
February 10—Pearl H. Padgett, Beloit, Kans.  
February 11—L. D. Pagett & Segrist, Beloit, Kans.  
February 11—Thos. Watkinson, Blaine, Kans.  
February 11—John M. Morrison, College View, Mo.  
February 12—Kirkpatrick & Wilson, Lincoln, Neb.  
February 14—John W. Taylor & Roy C. Williamson, Leawardsville, Kans. Combination brood sow sale.  
February 16—J. B. Lyon, Independence, Mo.  
February 18—John W. Jones & Son, Concordia, Mo., bred sow sale.  
February 19—W. C. Whitney, Agra, Kans.  
February 19—T. P. Teagarden, Wayne, Kans.  
February 20—J. L. Williams, Bellair, Kans., at Center, Kans.  
February 21—L. P. Dodd, Esbon, Kans.  
February 22—Geo. Kerr, Sabetha, Kans.  
February 22—E. M. Myers, Burr Oak, Kans.  
February 23—J. B. Davis, Fairview, Kans.  
February 23—D. O. Bancroft, Downs, Kans.  
February 24—G. Sellenberger, Woodston, Kans.  
March 3—R. E. Mather, Centralia, Kans.  
March 4—Burt Finch, Prairie View, Kans., at Barton, Kans.  
**O. I. C.**  
November 17—A. T. Garth, Larned, Kans.  
January 8—John Cramer, Beatrice, Neb.  
February 1—Matthews Bros., Grant City, Mo.  
February 18—John Cramer, Beatrice, Neb.  
**Percherons.**  
December 2—Percheron and other draft horses, Wagon Wood Bros. & Kelly, Lincoln, Neb.  
January 1—D. E. Heber, Morrill, Kans.  
January 15—J. W. and J. O. Robinson, Towanda, Kans., at Wichita, Kans.  
February 23—R. J. Ream & Co., Kansas City, Mo.  
March 12—R. J. Ream & Co., Denver, Col.  
**Jacks and Jennets.**  
March 3—Limestone Valley Jacks and Jennets, M. Monsees & Sons Smithton, Mo.  
**Combination Sales.**  
December 6—Galloway Assn., Kansas City.  
January 8, 9, 10—Breeders sale of Registered Drafts and trotters at Bloomington, Ill.; C. W. Hurt, Manager, Arrowsmith, Ill.

**Kansas City Grain Market.**  
Kansas City, Mo., Nov. 18, 1907.  
Speculative wheat prices made substantial gains this morning in response to higher Liverpool cables than anticipated, the announcement of official relief measures by the government, and the large advances on the New York stock market. Chicago December wheat sold up 1 1/4c to 95 1/4c and held most of the gain for an hour and then dropped to 94 1/4c. There was less liquidation in the nearby future. The December price rallied later to 95 1/4c and closed to 95c, with a net gain of 3/4c for the day.  
Kansas City December wheat sold 1 1/4c to 94 1/4c, receded to 93 3/4c and covered to 93 3/4c, closing 1/4c higher than on Saturday at 93 1/2c.  
In Minneapolis there was a rise of 1/4c to \$1.04 1/4 in the price of December wheat, followed by a recession to 93 1/4c, and a recovery to \$1.04 1/4. The local quotation was \$1.03 1/2, up 1/4c for the day.  
Liverpool quoted wheat prices 1 1/4d higher at the outset and the price was up 1 1/4d to 1 1/4d. The strength abroad was attributed to American advices, small shipments of wheat to the United Kingdom for the week and general improvement in the financial situation. World's shipments were about as expected, 9,760,000 bushels, against 10 1/2 million bushels a year ago. The commencement of harvesting in Argentina was reported under very favorable weather conditions and La Plata offerings were said to be more liberal. Wheat prices were quoted 1 1/4c higher in Budapest, 1/4c higher in Paris and unchanged in Berlin and Antwerp. The amount of wheat on passage decreased 1,852,000 bushels last week.  
Northwest wheat receipts were 618 cars, against 678 cars a year ago. Water wheat receipts were moderate.

# 8 WONDERFUL BARGAINS 8

Read below and send your orders to

## The Universal Trading & Supply Co.

These are only samples of what we can do for you. Send for our big catalogue which tells you of thousands of astonishing bargains. **It's Free.**

**Gentlemen's 12 Size Gold Filled Hunting Case Watch**  
**\$6.05**



Fully guaranteed by the maker to be an accurate timekeeper, made of the very finest material, by the most skilled workmen. A watch equal in appearance, workmanship and finish, in wearing and timekeeping qualities, to any \$25.00 watch on the market.

The Case, is a gold filled, 12 size, thin model, made from plates of solid gold hard soldered on a composition metal, then worked up into centers, lids, crowns, bow and stem. It is handsomely engraved in a variety of beautiful patterns. We guarantee the watches to wear satisfactorily and give you almost a lifetime of service.

The Movement, is a high grade, thin model, American made movement, has 7 fine ruby jewels, full nickel damasked plates, patent regulator, finely drawn main spring, stem wind and stem set, a well made, elegantly finished movement, a true timekeeper, a movement equal in every way to the best 7 jewel movements on the market. We sell these watches at a price so far below the prices at which others sell inferior grades, that we urge you to take advantage of this opportunity and place your order for one of these watches now. Simply send us \$6.05, give us your name and address, enclose copy of this ad, and the watch will go forward at once. If after you have received and examined the watch and you do not find it to be the greatest bargain ever offered in gentlemen's gold filled, hunting case watches, you can return the watch to us at our expense and your money will be promptly refunded.

**Boys' Double Breasted Winter Suits**  
**Only \$2.25**



Will stand any kind of wear from any kind of boy and look dressy and neat in spite of the hardest usage.

Made in an up-to-date double breasted style, coat and knee pants from a fine union cassimere, in a bluish gray color. The coat is well made, well padded, lined throughout with fine Italian body lining and striped sleeve lining. The pants are well made and strongly reinforced at all vital points. When ordering, state age of boy. Suits come in sizes to fit boys from 6 to 14 years.

**Ladies' ELEGANT LONG Coat**  
Latest style, a wonderful bargain, the biggest value ever offered in Ladies' Wearing Apparel  
**\$4.48**



This ladies' full length coat, up-to-date and stylish, with the latest style sleeve, is made of a fine quality black melton cloth, has inlaid velvet collar, trimmed with three rows of narrow braid and one row of wide braid, full loose back, turn-back cuff and outside pockets. This elegant coat is made to give excellent wear and will satisfy the most exacting in quality of cloth, as well as style and fit. State bust measure when ordering.

**This Elegant 3 Button Sack Suit For Only \$6.15**



Buy your clothing from us, and you can well afford to dress more stylishly than any one of your friends who purchases his clothing of the home dealer. Everything known in modern improvements in the making of high grade garments is employed by us to turn out the very best that can be produced. This splendid suit, of medium weight, suitable for all year around wear, in pleasing pattern and quiet color combination, cut in accordance with the very latest fashion, built by the most skilled man tailors, lined with a high grade Italian body lining, striped sleeve lining, carefully interlined, a suit of clothes made to fit perfectly, and to give the most satisfactory wear imaginable. We want to send it to you for your inspection and approval. Send us your order with \$6.15 and if after receiving the suit you are not fully satisfied that you have received a regular \$12.00 suit for \$6.15, you may return it to us and we will refund your money without argument.

**Mandolin Outfit Professional Model**  
Exceptional Value . . . \$26.50  
Beautiful 9 Rib Mandolin and complete outfit

at this price seems almost impossible, but we are offering it simply to advertise our house and our music department. The outfit is a wonderful value and is sure to please and satisfy all who take advantage of it. This elegantly finished, sweet toned mandolin has 9 ribs, beautifully inlaid sound hole, celluloid guard plate, correctly fretted finger board with position dots, nickel plated tail piece and strung with best quality steel strings. The outfit includes a high grade instruction book, a pick and a fine canvas, flannel-lined case. You will never regret the purchase of one of these outfits. We will refund your money and pay all charges if you find the outfit different from what we represent it.

**Violin Outfit—Stradivarius Model**  
HONEST \$26.50  
To advertise our house and our music department we are offering a beautiful Stradivarius Model Violin outfit of unsurpassed value at an astonishing price. With the violin we include a fine polished Brazil bow, one set of superior quality gut strings, one set of best quality steel strings, one cake of fine rosin and one self instructor, all complete in a fine marbled case. It makes a most desirable gift and a treasure for life. If outfit is not as represented, money will be refunded.

**Lady's GOLD FILLED HUNTING CASE Watch**  
**\$5.95**



We recommend the purchase of this watch very strongly.

Guaranteed by the Maker to be an accurate time keeper.

It is a high grade watch in a 10 karat gold filled case, with a fine American 7 Jeweled Movement. Our price only \$5.95.

The Case is our specially made 6 oz. gold filled case, each one covered with our binding guarantee, beautifully finished in all parts, and handsomely engraved in several beautiful patterns. Elegant model, beaded border, full inside protecting cap. Latest antique bow and stem. The equal of any gold filled watch offered at double our price.

The Movement is a genuine American 7 Jeweled Nickel Movement, with beautifully damasked plates, worth more than two of the cheap movements usually sold at from 30 to 40 per cent. more than we ask for this high grade, genuine American movement. Has stem wind and stem set and patent regulator. Fitted with fine enameled dial.

A Watch, which with proper care, will give you a lifetime of service, a guaranteed accurate timekeeper, the biggest bargain ever offered in a watch. Don't miss this opportunity, send for one of these fine, handsome watches. Your money back if you don't like it.

**Elegant Black Melton Overcoat**  
**Only \$6.10**



The most remarkable offer in men's clothing ever made. Well tailored, fashionably cut, of high grade material, this is by far the most liberal clothing offer. Our price, \$6.10 barely covers the cost of material and labor; we are giving you a coat worth \$15.00, send for it and see for yourself; we positively give better value than any merchant tailor or clothing dealer in the country. In style, fit, material and workmanship this coat is really in a class by itself. Made of a first class black melton cloth, cut in semi-form fitting style in medium height, with fly front. The body is lined with a fine Italian body lining and the sleeves with a special striped sleeve lining. The coat is well interlined and tailored by the best workmen in a careful manner. We guarantee it to hold its shape and to present at all times a neat, fashionable appearance. We further guarantee to fit you perfectly if you give us correct measurements. Sizes from 34 to 44 breast measure.

## \$10.00 Ten Dollars Cash Reward for Distributing Our Catalogs

We want men and women, boys and girls all over the country to place our Catalog in the hands of their friends and neighbors, and for this easy and pleasant task we will pay them \$10 in cash. Mind you, real actual cash. Anybody can do the work; it's done easy. You have only to take the Catalog and place it in the hands of some friends of yours whom you know well, and for this easy service you will be liberally rewarded, as is fully explained in our pamphlet of rewards. Send for it at once. It fully explains the liberal conditions under which we pay you \$10.00 for distributing our Catalogs.

If you are an Express Agent, a Railroad Agent, a Factory Foreman, a Section Foreman, a Creamery Man, son or daughter of a farmer, or if you are in any business which brings you in daily contact with farmers or other buyers of general merchandise, you should take advantage of our liberal offer and at once write to us for our reward book; it may mean an extra \$10.00 a day for you, and this money you can earn right along with your regular occupation; it will not interfere with your business. Livery Men, Bakery Men and Meat Wagon Drivers can in one single morning distribute the Catalogs and earn the \$10.00 which we pay for doing this work. Boys and Girls can in one afternoon after school hours hand out the Catalogs and get the \$10.00 for almost no effort on their part. Our reward book plainly tells how to do it. Send for it; it fully explains our plan—how we give \$10.00 to any one who distributes our Catalogs. It's a quick, easy way to earn some Christmas money long before Christmas.

Let us place you in position to earn this \$10.00 a day; write us today—now, at once. On a postal card or in a letter simply say: "Send me your Book of Rewards." The book will be sent you by return mail, postpaid. Address

**THE UNIVERSAL TRADING & SUPPLY COMPANY,**

"The Farmers' Company" Dept. 8, Thirty-fifth and Morgan Streets, CHICAGO

Kansas City received 91 cars, against 83 last Monday and 209 cars a year ago. Kansas City stocks decreased 540,700 bushels last week. The visible supply statement showed a decrease of 1,591,000 bushels, compared with an increase of 623,000 bushels a year ago.

The day's exports were 403,000 bushels of wheat and 55,000 packages of flour. Speculative corn prices displayed moderate strength. December corn in Chicago rose 1/4d to 55 1/4c. There was about the same rise in the Kansas City market. Closing prices were 1/4c to 1/2c under the top for the day.

Fit shorts in Chicago covered freely and there was also some important buying for long account. Chicago received 157 cars of corn, against 303 a year ago. The estimate for Tuesday is 237 cars. Part of the strength was attributed to the fact that rain is predicted throughout the West. Liverpool corn prices were 1/4d to 1/2d up early and closed 1d to 1 1/4d up. The advance abroad was attributed to light world's shipments and in sympathy with the rise in wheat. The amount on passage decreased 2,088,000 bushels. The visible supply of corn increased 54,000 bushels. The day's exports were 93,000 bushels.

The range of prices of grain and provisions in Chicago today, with a few follows:

	Open.	High.	Low.	Closed today.
Dec.	95 1/4 - %	95 3/4	94 1/2	95
May	104 1/2 - %	104 1/2	103 1/2	103 3/4
July	98 1/2 - %	95 3/4	97 1/2	98 3/4
Dec.	55 1/2 - %	55 1/2	55 1/2	55 1/2
May	56 1/2 - 57	57	56 1/2	56 1/2
July	56 1/2 - %	56 1/2	56 1/2	56 1/2

### Kansas City Live Stock Market.

Kansas City, Mo., Nov. 18, 1907. Heavy cattle receipts last week at all points, and the conservative orders of buyers, brought about a decline of 25 to 40 cents the first half of last week. Reduced runs after Wednesday caused a slight recovery from the low time. The decline affected all kinds, except veal calves, which made a gain of 25 cents for the week. Today the supply is 14,000 head, market 5 to 15 lower on everything except light killing steers, which are almost steady, and veal calves, also selling good. The financial weakness has taken all the speculative features out of the market, and buyers are making purchases on a bed rock business basis. Choice fed steers brought \$6.00 late last week, but few steers will get above \$5.50 this week, and short fed steers sell at \$4.25 to \$5.00 mainly. Westerns have not suffered as much as heavy fed steers, bringing \$4.50 to \$5.00, and some \$5.25 to \$5.50, heifers \$4.50.

## AUCTIONEERS

**Jones' National School of Auctioneering and Oratory, Chicago.**  
Last winter term opens December 16. Free catalog.  
Carey M. Jones, Pres., 231 Ashland Blvd., Chicago Ill.

**E. E. POTTER, Sterling, Kansas, Live Stock Auctioneer.**  
Pure-bred stock sales a specialty. Best of references. Write, wire or phone for terms and dates at my expense.

**John Daum Nortonville, Kan. Live Stock Auctioneer**  
Fine stock a specialty. Large acquaintance among stock breeders. Sales made anywhere. Working and booked for best breeders in the State. Write or wire for dates.

**HENRY W. ROBY, M. D. SURGEON.**  
Office: 400 North Main St., Kansas City, Mo.



## 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.

### CATTLE

FOR SALE—Holstein-Friesian bull calf, 10 months old, from A. R. O. dam; good individual of splendid disposition. G. V. Pontious, R. 2, Rantoul, Kans.

WHO WANTS this richly-bred Holstein-Friesian bull? De Gerben Shady Josephine 47583, calved July 19, 1906. The sire of this richly-bred bull is a grandson of the old 12-year-old cow, Gerben, which made more butter at the St. Louis Exposition than any cow in the test. The dam of this young bull made 17½ pounds of butter in seven days as a 3-year-old on common feed. I also have for sale a few Poland-China boars sired by On The Spot 423555, his dam by Chief Perfection 2d. H. N. Holdeman, Meade, Kans.

FOR Red Polled bulls or heifers, write to Otto Young, Utica, Ness County, Kansas.

SPECIAL SALE—5 straight Cruickshank Short-horn bulls for sale at bargain prices for quality. H. W. McAfee, Topeka, Kans.

ABERDEEN-ANGUS CATTLE and Percheron horses. Stock for sale. Garret Hurst, breeder, Peck, Sedgewick County, Kans.

### HORSES AND MULES.

FOR SALE CLYDESDALE STALLION at a bargain. Weelum McLure 10217, in Vol. XI, American Clydesdale Stud Book, color black, stripe on face, inside of left hind pastern white; foaled April 13, 1901, bred by Col. Robt. Holloway, Alexis, Ill.; has fine feather, sharp flinty bone and splendid feet; weighs about 1800 pounds, kind and obedient, works single or double, a sure breeder, his foals show their ancestry, his sire was McLure 5556 (7991); dam, Minuet 2d 5465. A rare opportunity to get a splendid stallion at a bargain in whose veins flows the blood of the renowned Damley (222), the matchless Prince of Wales (673), the mighty Druid (654), the noted Lord Lyon (489) and the famous Lochfergus Champion (440). An extended pedigree and photo will be sent on application for particulars. Address Wm. H. Stewart, Olean, N. Y.

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. C. Hedrick, Tecumseh, Kans.

FOR SALE—One black team, 6 and 7 years old, weight 2600 pounds. Mr. and Mrs. Henry Schrader, Wauneta, Kans.

### SWINE.

FOR QUICK SALE—Twelve Poland-China boars of March and April farrow, the best of breeding and choice individuals; large boned, strong, active pigs, grown on alfalfa pasture. Also a few gilts of April farrow. These pigs were sired by U. S. Meddler, a son of The Picket by Corrector out of Chief Perfection 3d and other good dams. W. L. Reid, Route 4, North Topeka, Kans. Independent telephone 8802.

TWO HERD BOARS FOR SALE—Joe Cannon by Red Raven and out of Faust's Pride, a Kant-Be-Beat sow, and Colossal by Golden Rule, the boar at the head of Watt & Faust herd. Grant Chaplin, Green, Kans.

FOUR big boned, registered Berkshires at \$10.00 Write Chas. Morrison, Ossage City, Kans.

FOR SALE—The great Poland-China herd boar Duke Ellington 17689, sired by Corrector, dam by Chief Son 2d. Farrowed April 27, 1906. A splendid individual, no better breeding anywhere. Price \$75. Choice May boar by him at \$20; big bargains in both. J. H. Brown, Bassettville, Kans.

### SCOTCH COLLIES.

PUPS—High-class Collies ready to ship. The farmer's kind of dogs; from \$5 up; also a few female months old. A. P. Chacey, N. Topeka, Kans.

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.

to \$4.00, bulls \$2.10 to \$3.50, top veals \$6.25, heavy calves \$3.50 to \$4.25. Country buying fell off sharply last week, 150 car loads bought for the country and prices declined 20 to 30 cents, now standing at the low point of the fall season, and with a weaker tendency today. Stockers bring \$2.50 to \$4.00, feeders \$3.25 to \$4.35. The yards were pretty well cleared out Saturday night, only about 6,000 head held over for today, nearly all stockers and feeders in the hands of yard traders.

After big fluctuations from day to day last week, the hog market closed practically unchanged from the close of previous week. The run is heavy today, 11,000 head, marked off 15 to 25 cents, top today \$5.00, bulk of sales \$4.75 to \$4.90. A strong feature recently is liberal buying for shipment east, which includes hogs of all weights, one West Virginia concern taking twelve doubles of 250 pound hogs last week. Packers also operate freely when the price gets below \$5.00, and predictions favor a market about like to-day's, or possibly a little lower, for the immediate future. Sheep and lambs are holding up strong right along in the face of liberal receipts. Run is 12,000 today, market steady and active, particularly on killing grades. Range stuff constitutes about the entire receipts, and country kinds are to be had cheap, lambs at \$5.10 to \$5.50, wethers, yearlings and ewes at \$3.75 to \$4.50. Killing lambs bring \$5.65 to \$6.15, wethers and yearlings up to \$4.75, ewes \$4.30. J. A. RICKART.

## REAL ESTATE

FOR SALE—Irrigated farms of 80 acres and upwards from 10 to 20 miles from Denver, the most beautiful city in America. Grains, grasses, fruits, vegetables, beets, etc., grow under our ample supply of water for late as well as early irrigation as they do in few places in the world. You can buy on easy terms, making a small payment down, and we will build houses where needed. Why not leave the old states where land and rentals are so high and buy irrigated land where you govern your water supply by the needs of your crops. Send for beautiful illustrated pamphlet. Denver Reservoir Irrigation Company, 723 Ernest & Cranmer Bldg., Denver, Colorado.

### FINE FARM FOR SALE.

HALLOO!—Who wants 100-acre farm, worth \$1500, for \$1250? 75 acres cleared; frame house, log barn, orchard, wells and spring; 2½ miles of Cabool, Mo.; 90 acres good farm land. Act quick. Address J. K. Hilbert & Co., Cabool, Texas Co., Mo.

## Farm Bargains

in east Kansas. Write for new land list.

MANSFIELD BROS., - Garnett, Kans.



### RU LOOKING

for a bargain? I have a large list of them direct from the owners in Kansas, Missouri, Oklahoma, Nebraska, Texas, Colorado, New and Old Mexico and you will find them good as represented: 423 farms, 75 ranches, 63 stocks of merchandise, 20 mills and elevators, 32 hotels, 12 lumber yards, 6 telephone plants, 20 restaurants, 16 liveries, 4 electric light and power plants, 6 saw mills and lumber camps, 45 houses and lots for sale. When you are in the market for any of these, I would like to tell you of them. Some will exchange.

FRANK GEE, Lawrence, Kans.

### HOME IN MANHATTAN.

480 acres, farm land, wild meadow and pasture; improved, watered; 12 miles out, 8 miles to shipping station; price \$20 an 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.

### A RARE OPPORTUNITY.

To buy a poultry plant and butcher business combined. 6-room house, large barn with basement and shed. 2-story concrete poultry house for 400 laying hens, story and half incubator and brooder house, slaughter-house for hogs, with meat-market attached, building for killing calves and hogs another for rendering lard and making sausage, smoke-house for 100 hogs. All buildings substantially built of concrete or grout. Windmill with water piped to feed lots; Monarch scales for weighing cattle, hogs, hay, corn, etc. Bone cutter, cleaver cutter, feed grinder, sausage mills, kettles, ropes and pulleys, buggy, wagon double harness, lots of lumber and feed, 7 corals in feed lots for cattle and hogs. Good railroad connections, 14 miles to Lawrence, 21 to Leavenworth, 40 to Topeka, 28 to Kansas City. Natural gas in residence, poultry-house, brooder house, and other buildings, 1000 feet gas pipe in all. Five acres of land and young peach orchard goes with this place. More land can be bought if desired. All in perfect running order and now doing a good paying business. Owner has other business to attend to. \$7,000 takes it, half cash or will take part in good real estate. Telephone connection, local and long distance. For fuller description see Poultry Dept. KANSAS FARMER, Nov. 21 issue. Come and see the place or write R. B. Wilkinson, Tonganoxie, Kans.

### MISCELLANEOUS.

EQUIPMENT for the manufacture of Concrete Fence Posts. Territory assigned. Agents wanted. Address The Paragon Concrete Fence Post Co., 622 Minnesota Ave., Kansas City, Kans.

FOR SALE—J. I. Case threshing outfit, consisting of 15 horse power engine and tender, 32x54 separator, 20 bar cylinder, weigher, wind-stacker, Parsons feeder; all in good shape; good as new. Price, \$1,000. A bargain. Address James Miller, R. 1, Leroy, Kans.

WANTED—Seed sweet corn. Barteldes Seed Co. Lawrence, Kans.

FOR SALE—Stationary engine and boiler, 10 horse power. Frank Chamberlain, Kents, Kans.

WANTED—Alfalfa, clover, timothy, English blue grass and other grass seeds, also pop-corn. If any to offer, please correspond with us. The Barteldes Seed Co., Lawrence, Kans.

FOR SALE—A "Little Giant" (McCormick) shredder and husker; used two seasons; perfect repair; half price. Edwin Taylor, Edwardsville, Kans.

OLD ORCHARD rejuvenated (made young), production thrived in quality and quantity. Wonderful discovery. Stamp for particulars, etc. T. T. Higby, Sedro, Wash.

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.

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.

WANTED—A second-hand traction engine, not less than 16 horse power. Dr. W. D. Barker, Chanute, Kans.

## Stray List

### Week Ending November 7.

Thomas County—Chas. L. Gulick, Clerk.

HORSE—Taken up by Charles Hively, in Morgan tp. (P. O. Colby), Sept. 30, 1907, one black horse, a little white on left hind foot, wire scratch on left fore foot.

### Week Ending November 14.

Kearny County—F. L. Pierce, Clerk.

MARES—Taken up, October 25, 1907, by S. P. Kemper, in Hibbard tp. (P. O. Lakin), three sorrel mares, three bay mares, one black mare and one brown mare; all branded on left shoulder. Appraised value \$420.

### Week Ending November 21.

Osborne County—Geo. F. Schultze, Clerk.

HEIFER—Taken up by N. G. Ruth, in Jackson tp. (P. O. Luray), one 18-months-old heifer, medium size, red, white face, horns, branded J, on right hip; valued at \$12.

## REAL ESTATE

IT IS YOUR OWN FAULT IF YOU DON'T OWN

## An Orange Grove in Mexico in the Pacific Coast Country

This is the country where every man and woman, every boy and girl, who is earning wages can buy and pay for 160 acres of land, that will be worth many times what they pay for it. In-side of five years. We are placing on the market 300,000 acres of the best and richest agricultural, fruit and grazing lands that has ever been offered for sale. We are selling this land for \$3.50 per acre; our terms are 50 cents per acre down and 50 cents per acre every six months until paid for. These lands will produce as much corn, wheat, oats, and all kinds of grasses as any land on the American continent, besides being the finest tropical fruit lands in the World. This proposition is recommended and endorsed by the Mexican Government.

### The Foster-Holcomb Mexican Colonization Co.,

Senitor Jose Castellot, president, Mexico City, Mexico.

Address all communications to the Topeka Office, F. W. Reagan & Co., Managers, Room 3, 532 Kansas Ave., Topeka, Kans.

## Marshall County Farms

169 acres 4½ miles from shipping point, 8 miles from county seat; fine 8-room house, new; good outbuildings; 125 acres in cultivation, 80 acres pasture; some timber, large never-falling spring, wells, windmill, scales, tanks, etc.; good orchard. Owner has farm arranged for feeding cattle and hogs. First-class soil. A No. 1 stock farm. Price \$75 per acre.

F. NEWSON, Blue Rapids, Kansas.

80 ACRES worth \$3200, price, \$2600, if sold soon. 65 acres under cultivation, balance pasture; good 5-room house; barn, granary, crib, tool-house, poultry-house, 2 wells; 4 miles from good town; telephone; 1 mile to school. Priced to sell. Garrison & Studebaker, Florence, Kans.

FOR SALE—Feed-mill and grain store in southern Vermont. Handy to standard gauge railway station. Has large trade in both selling grain and custom work. Up-to-date mill in machinery and building itself; water power. The only mill of its kind within 10 miles, and sold only for the reason of ill health. Can furnish house if desired. Price reasonable for cash. H. C. Franklin, Townshend, Vt.

LYON COUNTY FARM—80 acres, 70 cultivated, 10 pasture, 25 alfalfa, 6-room house, good barn, orchard and water, school across the road, 3 miles to station, 14 to Emporia. Price \$3,300. Write for list of farms and ranches. Hurley & Jennings, Emporia, Kans.

A BARGAIN—160 acres, Jackson County, light improvements, low price, easy terms. The Sheldon Realty Co., Topeka, Kans.

\$250 WILL BUY 80 acres; Christian County, South-east Missouri. Perfect title; terms \$10 monthly. W. M. B. Williams, Mt. Vernon, Ill.

FOR SALE—Fruit lands, farms and timber. Stock do well in this section. German truck farmers can make big money. I can loan your money on good security. Campbell, P. O. Box 658, Van Buren, Ark.

### WASHINGTON STATE.

Little Fruit Farms—\$5 down and \$5 per month per acre in famous Yakima valley—cultivated—irrigated—planted and cared for. Send today for booklet. Oldest firm in state. Calhoun, Denny & Ewing, Inc., Dept. X, Seattle, U. S. A.

### Just the Place.

158 acres adjoining a good town in Anderson Co., Kans. All smooth second bottom land does not overflow, fenced with wire and hedge, about 30 acres tame grass, balance in cultivation. Good house of 6 rooms, good small barn, orchard, an abundance of well water, 200 yards to school. Just the farm for a hog raiser, shipper, dairyman, or any one who wants a good place to live close to town. Price \$45.00 per acre. Mansfield Bros., Garnett, Kans.

This tract of land contains 4,826 acres, and lays nine miles north of Dodge City, in the north part of Ford, and the south part of Hodgeman Counties. It is all fenced and cross-fenced; two good sets of improvements, consisting of dwellings, horse barns, cattle-sheds, granaries, etc., etc.; 175 acres now in wheat and rye; 45 acres ready for spring crop; the remainder of the land all in natural grass. Three school houses adjacent to this land. This ranch is watered by several of the finest springs to be found in Western Kansas. Sawlog Creek runs through the land, and has in it pools of clear standing water the year round. All of this ranch is the very best of wheat land, and about 500 acres is splendid alfalfa land. We will sell this entire tract for \$10 per acre and carry \$4 per acre of the purchase price five years at 6 per cent, or will sell it in quarters, halves or sections, at a reasonable price and on same terms. This is one of the finest tracts of land in this part of the state, being surrounded by well improved wheat and alfalfa farms. Your last chance to buy this tract of land.

FRIZELL & ELY, Larned, Kans.

## McPHERSON COUNTY FARM BARGAIN.

160 acres good wheat, corn, oats, and alfalfa land, ½ mile of good town, 150 acres in cultivation, 10 acres orchard and timber, good 5-room house, barn, granary, cattle-shed, hog-shed, etc., well of never-falling water and windmill. A bargain at only \$7,000. Can carry half this amount at 6 per cent.

Bremyer & Henderson, McPherson, Kas.

## Norton County Alfalfa and Corn Farms.

We sell Norton County lands where wheat, corn and alfalfa grow in abundance. Write us for list of farms, and full particulars.

LOWE & BOWERS, Almena, Kans.

## A Fine Kaw Bottom Farm

FOR SALE—A fine Kaw bottom farm with good improvements, about 40 acres of alfalfa, only five miles from Topeka, for \$90 per acre.

W. M. FORBES & CO.

107 West 7th St., Topeka, Kans.

## REAL ESTATE

### FINE STOCK FARM FOR SALE

445 acres at a bargain on easy terms. Write for full description. D. P. Norton, Dunlap, Kans.

### MISSOURI FARMS FOR SALE

Everman has a farm for every man. Write for description and price list.

John W. Everman, Gallatin, Mo.

## SPECIAL

725 acres, 1½ mile to station, 23 miles west of Topeka, Kans. Two sets of good improvements, 240 acres of good river land, bottom land in cultivation, 48 acres in alfalfa, balance in good pasture and meadow. A No. 1 Stock farm. Price \$52.00 per acre.

STEELE & WARD, 602 N. Kansas Ave. Topeka, Kans.

## 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 \$400.

ALBERT E. KING, McPherson, Kans.

### LEGAL.

First published in Kansas Farmer November 7, 1907.

### Publication Notice.

In the District Court of Shawnee County, Kansas, Patrick Durkin, plaintiff, vs. J. E. Tierney and Alice B. Bates, defendants.

If the above named defendants are alive they will take notice that they have been sued in said court by said plaintiff in the above entitled action. And if they are dead their heirs, devisees, administrators, executors and trustees will take notice that they have been sued in said court in said action by said plaintiff to foreclose a mortgage for \$400 given by said defendant, J. E. Tierney, on the 24th day of November, 1900, on lots 1 to 16 inclusive on Third Street and lots 2 to 16 inclusive on Gordon Street, all in Block 21. And lots 1 to 31 inclusive on Third Street, and lots 2 to 32 inclusive on Gordon Street, all in Block 22; all in Plat of Blocks 21 and 22 in North Park Addition to the City of Topeka in Shawnee County, Kansas; and to sell said real estate according to law, and they are further notified that they must answer the petition filed by said plaintiff in said court in said action on or before the 19th day of December, 1907, or the petition will be taken as true and judgment rendered against them accordingly.

MATT CAMPBELL, Plaintiff's Attorney.

Attest: R. L. THOMAS, Clerk.

### NOTICE.

Notice is hereby given that we, the undersigned commissioners thereunto duly appointed by the Honorable A. W. Dana, Judge of the District Court of Shawnee County, Kansas, will on the 16th day of December, 1907, proceed to lay off according to law, for The Topeka-Southwestern Railway Company, along its route as now located from a point on said line, to wit: 55.1 feet north of the southeast corner of the southwest quarter of section two (2), in township twelve (12), south of range fifteen (15), east of the sixth p. m., to the west line of Shawnee County, Kansas, all lands, necessary for side-tracks, depots, work-shops, water stations, material for construction, except timber, the right-of-way over adjacent lands sufficient to enable said Company to construct and repair its road and stations and a right to conduct water by aqueducts and the right of making proper drains and appraise the value of that portion of any quarter section of other lot of land so taken and assess the damages thereon, which said lands desired by said railway company are particularly shown by the map and profile of said Company's line of railroad in said county, filed in the office of the county clerk of said county. We will commence to lay off said Company's railroad, as located at said point on its line, to wit: 55.1 feet north of the southeast corner of the southwest quarter of section two (2), in township twelve (12), south of range fifteen (15), east of the sixth p. m. in Shawnee County, Kansas, on said day and will adjourn from time to time until our labors in this behalf are completed. Dated the 12th day of November, A. D. 1907.

C. E. JEWELL, ED. BUCKMAN, WM. HENDERSON, Commissioners.