

KANSAS FARMER

Volume XLIII. Number 3

TOPEKA, KANSAS, JANUARY 19, 1905

Established 1863. \$1 a Year.

KANSAS FARMER.

Established in 1863.

Published every Thursday by the
KANSAS FARMER CO., - - TOPEKA, KANSAS

E. B. COWGILL.....President
J. B. McAFEE.....Vice President
D. C. NELLIS.....Secretary and Treasurer

SUBSCRIPTION PRICE: \$1.00 A YEAR

E. B. COWGILL.....Editor
I. D. GRAHAM.....Associate Editor
H. A. HEATH.....Advertising Manager

Entered at the Topeka, Kansas, postoffice as second-class matter.



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Display advertising, 15 cents per line, agate (fourteen lines to the inch). Continuous orders, run of the paper, \$1.54 per inch per week.
Special reading notices, 25 cents per line.
Business cards or miscellaneous advertisements will be received from reliable advertisers at the rate of \$5.00 per agate line for one year.
Annual cards in the Breeders' Directory, consisting of four lines or less, for \$16.00 per year, including a copy of the Kansas Farmer free. Special rates for displayed live stock advertising.
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Every advertiser will receive a copy of the paper free, during the publication of the advertisement.
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KANSAS FARMER CO.,
116 West Sixth Ave., Topeka, Kans.

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STOCK-BREEDERS' ANNUAL EDITION.

Next week's KANSAS FARMER, issue of January 26, will constitute our regular annual Stock-Breeders' Edition, one of the series of Twentieth Century Specials originated by the present management. It will contain the proceedings of the fifteenth annual meeting of the Kansas Improved Stock Breeders' Association; also other special matter. Send in your orders promptly for extra copies.

Senator Burton of Kansas was, some months ago in the United States District Court at St. Louis, convicted of corrupt practices in office. His case was reached in the Supreme Court last

Monday and was remanded for a new trial on account of technical errors in the first trial.

This week's KANSAS FARMER should have contained eight extra pages, but the car of paper failed to arrive in time to make this possible. The prop-

use their cows for plowing only. The missionary bought a cow and succeeded in getting about two quarts of milk a day. The milk cost him not less than ten cents a quart. After a while he arranged with a native to sell him milk at about six cents a quart. During the last twelve years the people

California. In a few years there will be scores of Eurasian cows giving from ten to twelve quarts of milk a day, instead of from three to four quarts, as the native cows give. Dairy farming will become a new and profitable industry in that region, and Chinese sick people and babies can get



"Iams' Glacial" (44984), 5-year-old Percheron; weight, 2,250 pounds; winner of first prize at Nebraska State Fair 1904. The peaches and cream kind. Imported and owned by Frank Iams, St. Paul, Neb.

er relative proportions of reading matter to advertising will be maintained in future.

MISSIONARY COWS.

Some time late in January there will be landed in a Southern Province in China three missionary cows. They are traveling thither from California under the safe conduct of the Rev. William N. Brewster, a Methodist Episcopal missionary at Hinghua, South China. A letter written by Mr. Brewster and mailed at Honolulu says that these missionary cattle were enjoying the voyage as well as the rest of the passengers of the good ship "Siberia," and that if the skies were as propitious beyond Honolulu as they had been before reaching that port, the cows would be landed in China in better condition than when they left San Francisco.

When Mr. Brewster first went to Hinghua, seventy-five miles south of Foochow, on the coast, in the autumn of 1890, there was not a native cow in the whole region that had ever been used for dairy purposes. The

of the region have learned the value of milk in sickness. Quite a number of men, mostly converts to Christianity, are making a fair living by keeping cows and selling the milk not only to foreigners but also to native customers. A man may be seen leading or driving one or two cows through the street, pounding a horn to let the people know that the milkman is coming. The cow is milked by the door of the customer who buys by the ounce what he knows to be undiluted milk.

These Chinese who thus purchase the milk are not buying food but medicine. A bottle of milk costs five cents, American currency, but this represents a day's wages for the servant class, or the equivalent of a dollar a day in America. In other words, a bottle of milk in Hinghua is as valuable as a bottle of patent medicine is in an American city.

Mr. Brewster hopes to change all this in time. He has on the ship with him one Holstein-Jersey and two Holstein-Durham animals. They are from one of the very best dairies of

milk at a more moderate cost and of superior quality.

Two women connected with Methodist churches in the United States, former school friends of Mr. Brewster, have paid for these cattle and for their steamer tickets; and accompanying Mr. Brewster is a new missionary, a young man who was reared on a dairy farm in Canada, who is to take charge of the industrial department of the mission school in Hinghua, of which dairy work is hereafter to be a part.

ANNUAL MEETING OF THE STATE BOARD OF AGRICULTURE.

The thirty-fourth annual meeting of the Kansas State Board of Agriculture brought its three-days' session to a close at Representative Hall last Friday evening. In many respects this was a remarkable meeting. A shade of sadness resulted from the recent death of the president of the board, Capt. John H. Churchill, of Dodge City. This man of energy and powerful initiative, whose vital force and

(Continued on page 62.)

Horticulture

Market-Gardening as Proprietor or Wife.

MRS. O. F. WHITNEY.

Read before the thirty-eighth annual meeting of the State Horticultural Society.

It is quite essential that the wife enter heartily and intelligently into the details of the business as well as give a helping hand. She should read carefully the farm journals at hand, and a variety of catalogues, and from her observations and best judgment, counsel with her husband as a very much interested helper or partner might do, especially in the case of beginners with limited means. A market-gardener is one that may produce fruit and vegetables, butter, eggs, poultry and honey for market whether it be for a part or all of the year. If one is fortunate enough to have a good greenhouse in connection with his garden work, it will aid materially in getting early truck on the market such as lettuce, parsley, forced rhubarb, radishes, cucumbers and the like.

Or just to have good hot-beds in which to raise plants for early transplanting in the garden, such as tomatoes, cabbage, peppers and sweet potato plants, and egg plant, is very helpful. To be very successful we must ever strive to have our crop the first of its kind on the market, or among the first, and of the very best quality.

Asparagus is about the first crop from the garden in the spring, then closely follows rhubarb, radishes, spinach, and lettuce. In preparing the garden truck for market a woman's help and taste of arrangement in box or basket means much in the selling price of the articles. Painstaking, and a care that shows pride in the work, seems more to belong to the women, than to boys or men, so that girl or women helpers are desirable in this line of work. One woman or an industrious girl will tie for two boys or men to bunch and the tying will be firmly and neatly done. In wiping and placing tomatoes in baskets, the woman or girl will prove the better help with boys at hand to fetch and take away the full baskets. Women should always be spared the heavy part of the work, as that does not belong to her. Her value is in her taste, nimbleness of movement, and faithfulness in application to work. Notwithstanding the confining and necessarily hard work that is a part of it yet fruit-growing, gardening, poultry-raising, and bee-culture are most delightful and healthful occupations.

Fruits and vegetables never taste so good as when freshly gathered in the cool of the morning; and in so many cases, especially with the fruit, we need not gather it for table use till it is perfectly ripened, and has attained perfection in sweetness and juiciness, whereas for market, it is usual to gather before it is thoroughly ripened or it would not stand transportation.

There is no better butter made than that produced by the intelligent and industrious farmer or market gardener and his wife. It is an advantage, also, to have bees, for they aid in fertilization of fruit and vegetables. The expense of handling is small, and proportionately the profit on honey is greater than on any other produce. The fear of the sting from the bee is probably one reason more than any other that we are loth to have them about, but with a little care and study of their habits, and with good nerves, one would be sure to come out the winner.

A variety of produce in your load helps to sell to better advantage the whole load, so seek to have variety. A woman may help in the different lines of this work surprisingly. For it is possible for women to take almost the entire care of the bees and the gathering of the honey. Another woman attends entirely to the gathering of the fruit; she takes a number of boys or girls, or both, as the case may be, and assigns them each a place of work, sees that the picking and plac-

ing of the fruit is thoroughly and carefully done, and a record of the work of each is kept, or she may take the help and gather vegetable crops in the same way, such as asparagus, rhubarb, radishes, peas, beans, tomatoes, onions, cucumbers, etc. Where the business is extensive enough to require a telephone, the woman is given a position that will fill every moment. Orders for the different plants, fruits, vegetables, or other produce will come in over the telephone, and the better she is prepared to answer as to kind and quantity at hand, the better is she able to fill her position and be a real helper.

In another instance, the wife does all the selling of the crops. She is at the market in the morning soon after four o'clock, carrying on her business of selling market-garden produce to merchant and truckmen, with a little son at her side for help and company. The saving of the seed of especially good varieties of vegetables is an advantage, and usually falls to the woman's care. The woman also may be the bookkeeper, the husband, or proprietor, keeping a day-book and the wife placing all accounts in the year-book. Accounts of the business and a record of crops should be kept, as it is helpful for reference in following years, as well as in being able to know just how you stand as to profit and loss.

The cases I cite are those where the children in the family are grown past the age of needing a mother's undivided attention and are able themselves to lend a helping-hand.

We pay a woman per hour the same wages as a man; a girl, the same as a boy, for she will do more, and better work, which will make up in value for the heavy part that falls only to the man or boy.

In almost every case the young people will grow and gain in health and flesh while putting in regular hours, day after day, and keep in the best of spirits. They quite enjoy the rivalry that goes on during work hours and if one is inclined to lag or shirk, he is pretty apt to hear from the others in a way to spur him to better action. The better the work is done, the more interest is taken in it and the result is a pleasure and pride in it. A very pleasant feature of the business is the diversity of work, the planting and care of the different crops; the variety of work in preparing each for the load, adds a spirit and life to it all.

Good will and earnestness in labor depends very largely upon the influence of the proprietor or one in charge of the force of workers. To be pleasant and cheerful yourself, with a kind word, a little encouragement, a bit of advice just in the right time and place, does much to harmonize and advance a good feeling and keep the work going steadily on, permeating their lives and ours with principles of just dealing with our fellow men, and helping to follow the blessed Master's teaching, that we love one another as He has loved us.

Greenhouse Work for Women.

MRS. HARRIET E. CHANDLER, ARGENTINE. Read before the thirty-eighth annual meeting of the State Horticultural Society.

That greenhouse work for women is a success has been demonstrated in more cases than one.

In a railroad town of 3,000 to 4,000 inhabitants, one woman made up her mind to save money in place of going to the large city near-by just after pay-day and spending her husband's wages.

This woman was going to move, and having so many house-plants it would require an extra load, she sold some of her flowers to neighbors, thus saving the extra hire, making a little money, and above all learning that she could sell flowers in her home town.

With \$2.50 she went to a large greenhouse, bought all the flowers she could carry in half bushel baskets on the street-car and went home.

Her home was better adapted for growing plants than most, as she lived in a store building on a corner with large east and south glass fronts. Back of the main room she and her husband

lived, heating their living rooms and the flower-room with one stove.

Her first investment consisted of small plants of petunias, verbenas, asters, pansies, and geraniums in bud, paying 30 cents per dozen, wholesale, taking them home and selling for 5 cents each, or 60 cents per dozen. In a day or two, when the stock was gone, taking the new capital and getting a new supply, she soon had stock enough to fill the large room.

It is necessary to study the trade and find what the customers want and supply them. This woman always made it a point to pay cash for all she bought and to always tell the truth—this last piece of advice she said was given her by one of the wholesale florists from whom she bought stock, but she found he did not follow his rule.

Having gone on in this store building for three years, making enough from flower sales to be able to lay aside her husband's salary, she to-day has on a south hillside a small greenhouse in which she has 700 square feet of bench room and every inch of space is filled. The greenhouse is built lengthways on the south side of a cottage. On the north wall of the greenhouse which is the south side of the cottage she has troughs built which are covered with hanging vines, from which she takes long pieces for decorations. The stock of plants at present consists largely of geraniums beginning to bud, these being the plants most in demand by the trade, although she has a large variety of plants, having in stock from two to a dozen each of about twenty-five or thirty different kinds of plants.

If one is where the demand for selling potted plants is not great, money may be made by growing and selling rooted cuttings or plants from small pots by starting a mail-order trade and advertising in some good papers.

Shortly after this woman decided to build her greenhouse last summer her husband injured one of his limbs and has been unable to take up his work again. These two put up the greenhouse, which is a very substantial affair. Having bought second-hand timbers and glass the house has been put up much below the cost of a new house, besides saving the hire of labor.

The heating device in this house is an exceptionally cheap one. A common coal stove was placed in a pit at one corner. For pipe, 6-inch galvanized pipe is used. About 3 feet above the stove a tight damper was put in, just below this damper a T-joint of pipe is used and a pipe is run under the outside benches. No heat is lost in this way—the smoke circulating through the pipes and going out at the opposite end of the house. There is a pipe over head also to be used on a very cold night.

In a small town, the business of a florist comes in spells one might say, such as decoration, Easter and graduation days, Christmas, etc.

While in the store building it was a hard matter to keep a good supply of plants for Easter and graduation times, the plants having to be ordered and brought several miles in a wagon. One decoration day as high as six wagon-loads were sold.

At graduation time in one day \$15 was cleared in selling cut flowers, these having been bought and then sold.

At the time this flower store was started it was not necessary that this lady should make money, but since the accident to her husband it seems that it may be their work from now on. What work could be better or more enjoyable for one who loves flowers?

Growing Dahlias for Cutting.

MRS. HARRIET E. CHANDLER, ARGENTINE. Read before the thirty-eighth annual meeting of the State Horticultural Society.

With very little assistance from a man, a woman can succeed in growing dahlias for cut flowers. For good results, plant the bulbs about the first of May. Plant in the field after ground has been plowed and harrowed. Place about 30 in the row and rows 4 feet apart; cultivate with plow and hoe. When they reach a height of 2½ feet they should be staked—

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BEST FRUIT PAPER

The Fruit Grower, St. Joseph, Mo., will issue some very fine special numbers for 1903-January, "Anniversary number"; February, "Spraying"; March, "Grafting"; April, "Small Fruits"; each worth 50c, the price of a year's subscription. To secure a year's trial, send 25c and names of ten farmers who grow fruit, and get these "specials" and eight others. Send your subscription today. Eastern edition for states east of Ohio. The Fruit Grower Co., 842 S. 7th, St. Joseph, Mo.

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they are very tender and break easily. To save space and work of staking, a good place to plant is under a barbed wire fence. This also hides the fence.

Keep well cultivated as long as it is possible to get through the rows with a horse. To some florists it is easy to sell a dahlia of any color; others want just certain kinds. Last year we sold to a cut-flower store where they wanted only dark red, white, and pink, taking them at \$2 per 100. The past summer another store took any color we had—taking the whole crop at \$1 per 100. Some days we cut from 1,000 to 1,200 blossoms, cutting during the season about 10,000. This was not an ideal summer for dahlias as it was very wet in the early summer and for about three weeks at blooming time it was very dry. The blossoms this year were not as large as usual.

It is well not to crowd the plants for blossoms too early as it is almost impossible to sell the flowers before September 1. It is then that those people in the large city who use most of the flowers are returning from their summer outings and are ready for the fall getties.

After the dahlias are through blooming (which is not till the frost comes), the bulbs may be taken up and a ready sale found for them in the spring.

In July and August of the past season the carnation crops were poor and we found good sale for asters then out. These plants having been raised in the greenhouse and put out early did not wait to be fall asters but bloomed in the summer. These sold the same as dahlias, \$1 per 100, blue, white and lavender colors selling the best.

"Where there is a will there is a way." A woman certainly can succeed in the flower business.

Land.

EDWIN TAYLOR, EDWARDSVILLE.

Read before the thirty-eighth annual meeting of the State Horticultural Society.

If I may be permitted a foreword, I will say that in case any friend finds a discrepancy between my precept and my practice concerning land, I admit the justice of his criticism. I have played the land game according to the rules I found in force. Those rules I consider unwise and unjust. But I can not change them by myself. I shall continue in the game.

And if any friend should suggest an unfitness in my subject for this occasion, my reply would be that owing to the smallness of the land-holdings of the horticulturist, as the horticultural industry is commonly pursued, it is particularly appropriate before an audience of horticulturists and their friends, to discuss the great question of the division of land.

Land is scarce. Barely one-fourth of our land is habitable, and that portion is crowded. The result is a land-hunger that began at least as far back as when our Aryan ancestors swarmed over the Oxus to occupy the lands of the West. In America the land-hunger was easily satisfied so long as the Government had land for all comers. From the first settlement of New England till now, when the public tillable, non-irrigated land may be called exhausted, the annual encroachment of our population upon the wild, may be roughly stated as a strip 13 miles wide reaching from our southern to our northern territory.

What the effect has been upon our institutions and upon ourselves of this yearly opening up of new land under new conditions, the old conventions and prescriptions and pretensions laid aside and a new 13 miles wide of people starting fair and free and even in the race of life—all this makes one of the most interesting questions that can be proposed. A close analysis of that question would no doubt surprise us all with its showing of the extent to which our development and our aspirations, even, are influenced by our physical and social conditions.

But that is all over now. Uncle Sam is no longer "rich enough to give us all a farm." The people increase but the land does not. The land-hunger becomes more and more insistent. The natural result would seem to be a further division of the land. Instead

of subdivision, however, there is addition. Instead of more farms there are fewer farms in the older States, while in Kansas, the farmers are so rapidly passing into, or giving place to the tenant or renter class that there was an increase of 7 per cent in the latter, over the former, between 1890 and 1900, as shown by the United States census. If we could look at the situation without the bias of self-interest or prejudice or preconception, I am sure that few of us would approve of a condition which makes a constant increase in the ranks of those who, living on the land, are shorn of their interest in the land. It does not seem to me that a judicial minded inhabitant of Mars, for example, regarding us impartially and curiously over the edge of his fiery disc, would favor the continuance of our conditions of land tenure which insure that an ever-increasing proportion of our farmers shall go drifting up and down the State, unattached to the soil, homeless, with only a transient interest in church or school or highway, inevitably growing indifferent to the outcome of things as father and son settle down to the conviction that for them the door of hope is forever closed.

If assertion is made that sufficient energy and economy and persistence and skill and hard work on the part of these renters would lift them out of the slough they are in, then I reply that their escape is made impossible, except for a few choice spirits among them, by two conditions: viz., their own limitations and their landlord's exactions. Speaking broadly of the business of land-leasing, it will not be disputed perhaps that lands are rented for the most they will bring. Both in and out of Kansas the standard of land-rental is fixed at a line where a few extra capable renters can break out while the majority must fall back. In Wyandotte County land-rent has advanced from \$4 per acre to \$10 per acre in thirty years. With every substantial increase in the population of that county, or any other county, there will be a corresponding advance in rent.

The limitations of the tenant as to thrift, under certain conditions and within a variable margin, are fixed—just as the limitations of the landlord are fixed. How miserably most of us fall down in our farming and the race of life generally compared with such stupendous successes as our Bro. Robinson's, for example, who, through a long life and in many lines of effort, has been continuously capturing prizes. We haven't kept up with him because we could not. We have done our best. The average renter does his best. And it is a shallow critic who berates us for not out-doing ourselves or berates the tenant for not going beyond his limit. It is just as impossible for the average man to rise from day laborer to share-renter and from renting on shares to cash-rental, and from cash-rental to the ownership of valuable lands, like Herman Theden or Pete Sandberg, as it is for him to lift Mr. Winship's load of a ton or do a stunt with the mitts like Champion Jeffries. My contention is that since it is impossible for the average tenant to win a farm under present regulations respecting land which serve the land-owner as a "whip-row" against him, a wise statesmanship would bring such pressure to bear upon the owners of plural farms or excessive holdings as would make them let go of a portion, so that the door of hope might stand ajar, for the landless.

Land has not always been under its present status. Not so very long ago, when a nobleman got a principality by purchase or gift from the King he got the population thrown in. The people don't go with the land any more. If a coal baron or railroad wrecker should buy up Shawnee County, for instance, he would acquire no rights over the citizens, more than the right to run them off. There is an individual who has a tract in the Adirondacs similar in size to Shawnee County which he has fenced up for a game preserve. Well, suppose my figurative coal baron, having bought Shawnee County up, should conclude to fence it in for game pasture, thus practically wiping

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Elegant Catalogue for 1905 FREE to any address.

A FEW OF OUR SPECIALTIES

Alfalfa, Brome Grass, English Blue-Grass, Kafir-Corns, Millets, Sorghums, Russian Speltz (or Emmer), Dwarf Essex Rape, the new Drouth-Resisting Macaroni Wheat, and the new Oklahoma Dwarf Broom-Corn. Finest variety yet introduced. Biggest yielder. A money-maker. Send for special circular on same. SEED WHEATS. Full line Planet Jr Tools. Address

KANSAS SEED HOUSE, F. Barteldes & Co., Lawrence, Kans.
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Are You Fenced in by the Dealer?

If you are not, and want to know where you can get the most fence and the best fence for the least money, let's talk business. We sell you wire fence direct from our Fence Factory at Wholesale prices Freight Prepaid on

30 Days Free Trial

Advance Fence is constructed on correct principles, is made of high grade galvanized steel wire. Strong, durable and attractive. The top and bottom selvage are double strength. The stay wire is continuous being twisted with the selvage from one stay to the next and wrapped twice around each line wire as it passes across the fence. No loose ends as in cut stay fences. 26 styles to choose from. FENCE BOOK FREE. We put the dealer's profit into your pocket. Write us and we will prove it.

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ADVANCE

3745 Old St., Peoria, Illinois.



NOBODY LIKES IMPURE WATER!

An unfailing supply of Pure Water for farm, stock or garden can be obtained from drilled wells.

National Well Drilling Machinery

Is built in all sizes, for all depths for drilling for Water, Oil, Gas or Minerals through any formation.

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NATIONAL DRILL & MFG CO., Chicago.

SALZER'S SEEDS



Beardless Barley
The barley of your dreams; no beards; easy to harvest; always big yielding. Mr. Wells, of Orleans Co., N.Y., threshed 121 bu. per acre. You can beat this in 1905 if you try.

National Oats
The marvel and wonder in oats. Will yield for you on your own farm from 150 to 300 bu. in 1905. Try it.

Billion Dollar Grass and Teosinte
The two greatest forage plants of the century. Billion Dollar Grass will produce 12 tons of magnificent hay and Teosinte 80 tons of green fodder per acre. Catalog tells about it.

Look At These Yields
Speltz, 80 bu. grain per acre, and 4 tons of hay besides.

Macaroni Wheat, Rust Proof, 80 bu.
Victoria Rape, 40 tons of green food per acre.

Pen Oat, 85 tons.
Earliest Sweet Cane, 60 tons green food.
Potatoes, 800 bu. per acre.

Now such prodigious yields pay. You always get them when planting Salzer's Seeds.

Onion Seed 60c
a pound, and other vegetable seeds just as low. We are the largest Vegetable Seed growers in the world, operating 5000 acres.

\$10.00 for 10c
We wish you to try our great Farm Seeds, hence offer to send you a lot of Farm Seed Samples, fully worth \$10.00 to get a start, together with our great seed catalog, all for but 10c. postage, if you mention this paper.

John A. Salzer Seed Co. LA CROSSE WIS.

Winter Turf Oats

—FOR—
SPRING SOWING.

The largest yielding and finest grained Oat for this section and the South. Yield as high as 100 bushels per acre, tall growth, fine forage, and the most profitable of all oats. Endorsed by prominent farmers in all sections.

Our Catalogue for 1905 Mailed Free.

Contains full information regarding these as well as all Seeds for the Farm and Garden. We carry large stocks of Grass and Clover Seeds, Alfalfa, Rape, Seed Oats, Seed Corn, Seed Potatoes, Forage Crops, Vegetable Seeds, etc.

BLUE RIBBON SEEDS ARE BEST

Awarded Gold Medal at St. Louis, 1904.

WOOD, STUBBS & CO.,
SEEDSMEN,
LOUISVILLE, KENTUCKY.

SEED PRIDE OF NISHNA CORN

Pride of Nishna (yellow), Iowa Silver Mine and Imperial (white), the three best varieties of field corn ever grown, planted by thousands of farmers in 1904, and not a single complaint received. They bring better yields of corn and more money to the pockets of the corn grower than any other known variety. When you buy seed corn from us you get our experience of 21 years in breeding and growing improved varieties of corn for seed purposes. All our corn is selected, butt and tip ends taken off by hand, and only the largest, most perfect ears are shelled and sent out for seed purposes. Change your seed this year; grow larger crops and better yields. It is profit you want, and it is profit you will receive when planting our improved varieties. Our big 21st ANNUAL CATALOGUE tells you all about every seed grown and raised on the farm, mailed free if you mention this paper. Write for it today, always address

RATEKIN'S SEED HOUSE,
BOX 11
SHENANDOAH,
IOWA



THE EUREKA INDESTRUCTIBLE FENCE POSTS.

Made where used. Superior for beauty, convenience and durability. Costs very little more than oak or locust, and will last for all time. Reliable county agents wanted. Address with stamp. **ZWIGLER BROS., Hutchinson, Kan.**

one of the best counties in the State off the map, do you think Kansas would stand for it? Why, to prevent it she would invoke, if necessary, that higher law to which she appealed in her glorious youth. Suppose, again, that my baron should conclude, instead of filling the county with game, to fill it with renters, renting on shares, renting for cash, renting any old way. From what we know of the rental system and its effects, do you judge that that would conduce to the prosperity of Shawnee County? If you say no, as you must, then I inquire what is the difference, except in degree, between a thousand renters and one renter? For my part, I believe in one wife and one farm for one man, and I object to Mormonism in either wives or lands.

If it should be claimed that farming is a business subject to the economic ins and outs of other businesses, and that farms are property subject to the desires, and whims even, of the owners, the same as other property, then my answer is a refusal to consider those features of land-holding as the features which should control. The time has passed for the maxims of economic science to apply with respect to land, just as they fail elsewhere under conditions of stress. The rights of persons, as well as property, go down under common calamity or public necessity. The right of the citizen to walk abroad is a cherished privilege, but when the citizen has the smallpox for his unwelcome guest the armed guard at his door has orders to shoot him should he persist in going out. Let the inhabitant of this borough, Topeka, attempt to provide against the household necessity for lard and hams by fostering the development in his back yard (on his own premises mind you) of divers and sundry hogs and forthwith will appear the guardian of the law, acting in accord with the city ordinance in such case made and provided, who will break up the sty, confiscate the swine, and give the offender a ride in the "Black Maria." Hog-raising, per se, is as innocent a diversion as ever kept a man from idleness, but it is not innocent when it hurts the public. In like manner, when the public is hurt by excessive ownership of land, with hirelings or tenants where otherwise independent farm-owners might have their humble dwellings and send out from thence those sturdy, self-reliant sons and daughters that America needs far more than bumper crops or bank reserves, then the question of land-ownership passes over from the realm of economics to considerations of public defense.

A review of the sins of others is often edifying where a similar inquiry into our own sins would be extremely distasteful if not positively irritating; so instead of finding an example of pernicious land-practices in Kansas, let us go over into Iowa and take the case of a gentleman bearing an honored name who owns and cultivates in corn there 20,000 acres, with a few foremen and a herd of horses that stay on the place and an army of hired men who come and go, while he lives in Boston. This farm, occupies, roundly speaking, a township of land. There is not a home on it. Twenty-four such farms, without a home, would match Shawnee County in size, and one hundred and five such counties, without a home, would make another Kansas, and forty-five such States, a homeless Union. How long would it stand, think you? Some one has said, what I believe to be profoundly true, that the homes of a nation are its strongest forts. In my estimation, America has suffered many times more from the spirit of greed, within, which has kept millions of home-forts from going up than ever she did from hostile forces without. As an enterprise, the bonanza farm is often admirable in its management, but as a factor in our national life it can not escape condemnation, when its trial comes, as it will come, for this high crime. That it deprives the farm worker within its scope of a stake in the country, thereby inevitably dissipating some portion of that attachment for native land which

call patriotism, thus weakening the defensive power of the State.

In horticultural circles there is frequent and appreciative reference to the remark which Swift puts into the mouth of the King of the Brobdingnags to the effect that whoever makes two blades of grass grow where but one grew before is a benefactor of mankind. If that principle be declared laudable then what, in justice, should be said of a proposition such as I now advance, which will make two men grow where but one grew before?

If the Russians were to appear at the mouth of the Kaw and do with the Kansas fishing fleet there as they did with the British on the Doggerbank, what a stir it would make? I ask if the hurt of a plowman is less important than that of a fisherman, or if the damage done by a domestic land-shark is less deserving of rebuke than that done by a foreign man of war? Do you ask what injures land-monopoly and its handmaid, the tenant system, entail? I reply that every time a possible resident farm-owner is kept out by a non-resident landlord and a tenant put in the place, Kansas suffers. She suffers by having had shift and change substituted for permanency. She suffers because under tenantry there is stopped the planting of the rose bush and the lilac; because the roof-tree is changed from an essential feature of a home with all its strengthening and refining influences to an uncertain shelter; because it makes hard the lives of men and women; because it thwarts the natural desire of childhood to find anchorage for its little soul and feel itself a part of things, giving it instead a dwarfing sense of alienage and servitude.

If any landowner draws on me his title-deeds and the constitution and the laws, my reply to it all is that any system which works the accumulation of wealth through the decay of men bears within itself the seeds of its own destruction, not preventable by either legislatures or courts. That ultimate end may not be so far away.

The Legislature of Arkansas once enacted that thereafter the keeping of a dog above ground should constitute a "privilege" which might not be lawfully exercised in Arkansas without the payment of certain license fees running to the State, highly discouraging to dogs. This was done as recited in the Act to stimulate sheep-raising in Arkansas and was justified on the ground that it would conduce to the public welfare. By a parity of reasoning why might not the Kansas Legislature enact that the holding of land out of use or in excess of what should be defined in law as a "homestead" shall constitute a "privilege" to be exercised only upon payment to the State, in addition to the ordinary property taxes, of an annual license for a populous county like Shawnee, of, say, ten dollars per acre? I am not lawyer, but it appears clear to a layman that if it is constitutional to oppress a dog-owner to help a wool-grower for the public good, a land-grabber may be oppressed to help a homesteader for the public good. The crux of the matter lies in the answer to the question, What is for the public good? That answer is made for each sovereign State speaking for itself through its creature and mouth-piece, the Legislature. Acting upon this prerogative, the Kansas Legislature, under instruction from the State, has prohibited, with certain exceptions, the liquor business, within our borders; she may on the same ground, with such exceptions as she chooses to make, prohibit the real-estate business. Manifestly if she can break up a beer traffic, as she did Walrus and was sustained in it by the Supreme Court, to keep men from being made drunken, she can break up a land traffic to keep them from being made homeless.

When Savonarola set up his government in Florence, he based it upon four propositions, the second of which was: "Promotion of the public welfare in preference to private interests." I look forward to a good time coming when by that touchstone all our legislation will be tried.

Fifty years ago if one had spoken of property in men as I have spoken of

Don't fool with your face. Insist on Williams' Shaving Soap.

Sold everywhere. Free trial sample for 2-cent stamp to pay postage. Write for booklet "How to Shave."


The J. B. Williams Co., Glastonbury, Ct.



45 CENTS AN ACRE

Plants Funk's Pedigree Seed Corn. Shipped to you in the ear. 45 cents may save you a crop failure. Write for the New Book on Corn. It is free. Write now.

FUNK BROS. SEED CO.,
422 N. EAST ST., Bloomington, Ill.
We are the pioneers in shipping seed corn in the ear in bushel crates.



FIELD'S REID'S YELLOW DENT

The big brother of the original or Illinois type of Reid's Yellow Dent. Bred to fit the Iowa idea of longer ears, rougher grains, plenty of vigor, and a big yield. Same perfect form, handsome color, deep grains and straight rows, but a bigger, better type every way. I sell it either ear or shelled. Catalog, photographs, and samples free and I throw in a package of watermelon seed and one of flower seeds besides. Send for them today.

HENRY FIELD
Seedman
Box 55
Shenandoah, Ia.
"The ear seed corn man."



Famous Farmers

have succeeded by using only the best machinery.

The Cahoon

is the world's standard Hand Broadcast Seed Sower. Positively accurate and lasts a lifetime. Write now for description.

GOODELL COMPANY,
70 Main Street, Antrim, N. H.

AN ACRE OF CORN

"Corn is King." Its wonderful possibilities practically developed in the newest and latest Silage work.

"MODERN SILAGE METHODS."

An entirely new and practical work on Silos, their construction and the process of filling, to which is added complete and reliable information regarding Silage and its composition; feeding and a treatise on rations, being a Feeder's and Dairyman's Guide.

I—Advantages of the Silo. IV—How to Make Silage.
II—Building the Silo. V—Feeding Silage.
III—Silage Crops. VI—A Feeder's Guide.

216 pages of plain, practical information for practical men. Contains just the things you have wanted to know and could not find elsewhere. Copyrighted 1903. Postpaid for 10 cents, stamps or coin.

THE SILVER MFG. CO.,
Salmon, Idaho.

New Catalogue

Most complete I have ever issued. Tested Seeds—Vegetable and Flower. Thoroughbred Specialty of Potatoes and Corn; Poultry. Free Catalogue. If you mention this paper I will send sample packet of earliest large sweet corn ever introduced, for testing. **F. B. MILLS, Seedsman, Box 703, Rose Hill, N. Y.**

BOWSHER

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

LIGHTEST RUNNING.

Handy to Operate. 7 Sizes—2 to 25 h. p. One size for wind-wheel use.

Also make Sweep Grinders, both Geared and Plain.

C. N. P. BOWSHER CO.,
South Bend, Ind.

FEED MILLS



property in land, he would have been mobbed in any populous center of America and in any one of the fifteen slave States he would have been hung. The slave-owner then said, "That nigger is mine, bought and paid for and abstract furnished," just as the land-owner now says of his farms. The land-owner and the slave-holder then had in common, what remains only to the land-owner, the law, the influence of the church and the inertia of society. A few dreadful years passed and the slave-holder had no nigger. The slave had been his in law but in equity—never. I leave you to say whether the division of land, as we have it, is based on equity or not.

Monopoly is a word the American public is impatient of and the meanest monopoly of all is the monopoly of land, beyond the requirements of a home and a livelihood. It is a monopoly that will not always stand. We can choose between its gradual and peaceful extinction and its sudden going out in strife and distress. If you smile at my dismal prophecy, bear in mind that both North and South either laughed at or scourged the earlier abolitionists. Society had no patience then to hear discussed the wrong and harmfulness of slavery. Its Nemesis came when for four long and awful years it gave itself wholly to that discussion. I draw no parallel between that situation and this. I merely say that a wrong thing is not a safe thing, and that land monopoly further than the reasonable limits of a homestead, whether measured by the Golden Rule or the good of the State, is wrong. The time has come for us to recast our notions respecting property in land and take closer account of those ideals of universal well-being set up by the Man of Nazareth twenty centuries ago.

Apple Queries.

Seeing some beautiful apples at the recent Kansas State meeting I should like you to tell what you know of them, their origin, etc.

1. What is the Black Ben Davis?
2. How does it compare with Gano?
3. Are they not both related to the Ben Davis?
4. What is the advantage over Ben Davis, quality, size, color, productiveness, and market value considered?
5. The apple Delicious, whence comes it? Also Senator, King David, etc? By answering these queries you will confer a favor. JOHN COLLINS.

Osage County.

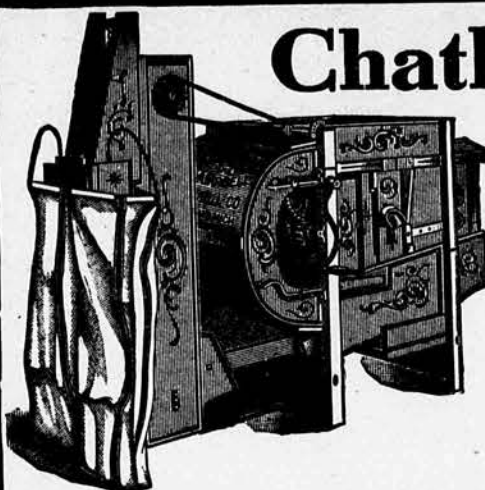
The apples shown were grown from seedlings by Stark Brothers, of Louisiana, Mo. These seedlings were Arkansas products. Possibly Arkansas is richer in seedling apples than any other State in the Union. Their number is legion:

1. "Black Ben" was originated on the Parson Black farm about fourteen miles south of Fayetteville. The original tree grew near a large cedar tree, interlacing with the cedar and forming a canopy that possibly saved its life. Under this canopy good dame Reagan used to do much of her kitchen work, paring apples, potatoes, etc. I got the story from her own lips as well as from her husband who came into possession of the Parson Black farm ere the tree came into fruiting.

Both Mr. Black and Mr. Reagan were Baptist preachers. Mrs. Reagan told me on my visit to the home of Black Ben that on coming to the farm the original tree was a little, scrubby thing about four years old, and she asked her husband to cut it away, but he said, "Let it grow into the cedar"—which they did. It soon bore a few apples which were unlike any I had ever seen.

My father being a nurseryman, I was not only conversant with the nursery business, but fruits as well. I had never seen an apple like it and recommended its propagation to Mr. Guthrie, who saved the tree to posterity by grafting ten trees, nine of which still live." Mr. Reagan verified his wife's statements in every particular.

2. Gano is not so deep a red, neither so oblong as Black Ben. The flesh is softer and the cords running through the apple in Black Ben are quite distinct, standing out strong, while the Gano is quite the opposite.



Chatham Fanning Mill REASONS:

EVERY Farmer, Planter, Seedsman, Stockman and Ranchman—to be successful—must have in his equipment a Chatham Fanning Mill, because:

1. It is the most perfect cleaner, separator and grader of seed and grain.
2. It is a timothy seed saver.
3. It handles any seed, from tiny tobacco to potatoes.
4. It has a capacity of from 40 to 80 bushels per hour.
5. It works easily by hand, or can be operated by power.
6. It has a patented device to prevent clogging.
7. It has a bagging attachment, saving one man.
8. It will last a life time.
9. It has a large two bushel hopper.
10. The feed is regulated by a screw.
11. With it go 17 screens and riddles for all purposes and combinations.
12. The gearing is all inside.
13. It works easier, quicker and separates cleaner than others.
14. It does a greater variety of work.
15. It is guaranteed for five years, and should last fifty.
16. It is sold on time—enabling every purchaser to use the Chatham Fanning Mill and secure its profits before he is asked to pay for the mill.

THE CHATHAM perfectly cleans and grades everything that can be cleaned and graded by machinery, including wheat, oats, rye, barley, timothy, clover, millet, flax, peas, beans, corn, kafir corn, broom corn, alfalfa, all grass seeds, cranberries and potatoes.

A special screen goes with each mill for taking buckhorn plantain out of clover seed.

There is one of three reasons why you do not own and profit by a Chatham Fanning Mill: (1) Either it is the cost, (2) just neglecting to order, or (3) ignorance as to its financial value to you personally. If we knew which reason was yours, we would write you a personal letter and convince you that a Chatham Fanning Mill (1st) can be bought on time—thus paying for itself; (2d) is not an implement whose buying you can afford to put off and neglect, if you are a progressive, money making farmer; (3d) is acknowledged by the Agricultural press in general and by thousands of users everywhere to be the very foundation of agricultural success, striking at the root, literally, by cleaning all seed grain, enabling you to sow no weeds and only plump seed, and gathering many additional bushels of grain per acre—each acre—each season.

The farmer who reads farm papers has no right to be uninformed on this subject;



Fig. 11.—"An ear of Nebraska wheat, with the grain arranged as extracted from one side of the ear." This shows that no matter how good the crop, it is the seed requires to be graded every year.

no right to permit himself to do without a Chatham on any pretext. You can afford it, Mr. Farmer, we make the price and terms easy for you on purpose; you cannot afford to do without it.

Read the Reasons for Chatham supremacy. We have sorted out a few of them here for the benefit of the man who won't write for anything. To those who will write we will send our newest book, "How to Make Dollars Out of Wind," that will prove to any man that—whether his farm is 40 acres or 40,000 acres—he is losing money, is not fair to himself, his family, or his neighbors, till he adds to his income the profits a Chatham brings.

This book is free. But it won't do you any good unless you write for it. Sent by return mail, postpaid.

For the free book and our special On Time terms write direct to the makers, The MANSON CAMPBELL CO., Ltd., (Mrs. Chatham Fanning Mills, Incubators and Brooders), 242 Wesson Ave., Detroit, Mich.

Shipments will be made direct from nearest point to you: Harrisburg, Pa., Allegheny, Pa., Elmira, N. Y., Bath, N. Y., St. Louis, Mo., Kansas City, Mo., Dallas, Texas, Charleston, Utah, St. Paul, Minn., Portland, Ore., Sacramento, Cal., Cheyenne, Mich., Portsmouth, Ohio, Dayton, Ohio, Freeport, Ill., Peoria, Ill., Blackwell, Okla., Oklahoma City, Okla., Watertown, S. D., Grand Forks, N. D., Fargo, N. D., Towner, N. D., Des Moines, Iowa, Indianapolis, Ind.

Also Book about our full line of high grade Chatham Incubators and Brooders, sent free on request.

Will be on exhibition at Stock Yards, Chicago.

FRUIT TREES, PLANTS AND BULBS

The Best Nursery Stock. Lowest Prices. Notice our Bargain Offers.

The best nursery stock at reasonable prices, is our motto. Our trees are free from insect pests and diseases. We retail at wholesale prices.

If you expect to plant a large orchard or only a few trees and plants it will pay you to send us your list of wants for special price. When you buy of us you get strong, vigorous, well grown, hardy trees true to name at the lowest possible prices. To introduce our superior stock to many new customers, we make the following remarkable bargain offers. Order now before trees are all sold. We will hold stock until you desire shipment made, or will send at once, whichever you desire.

OFFER NO. 1.

For one dollar and twenty-five cents, we will send, all charges prepaid, the trees and plants named below:

- 10 Peach Trees—two each of the following varieties which are the very best of the new varieties: Carmen, FitzGerald, Kalamazoo, New Prolific, and Greensboro.
- 2 Climax Plum—the wonderful new Japanese Plum.
- 2 Early Richmond Cherry.
- 12 Dunlap Strawberry plants, the best strawberry known.

All the above, fourteen trees and twelve plants all for one dollar and twenty-five cents. Satisfaction guaranteed. Order before it is too late. Remember, that for one dollar and twenty-five cents the fourteen trees and twelve plants are delivered to you, all charges prepaid. Order now.

OFFER NO. 2.

For twenty-five cents we will send prepaid one dozen Mammoth Gladioli Bulbs from our wonderful collection, embracing every color and kind known and many new seedlings never before sold. Bulbs equal to this collection have never been sold for less than fifty cents to one dollar per dozen, but for a short time we make this special offer of one dozen Mammoth Bulbs of this rare collection for twenty-five cents. Order now before our supply is exhausted.

OFFER NO. 3.

The above varieties, trees, plants or bulbs are all the very best and both offers should be accepted at once by all who want the best fruit and finest flowers. But to make the offer so liberal that all will try our remarkable bargain offers and thus advertise our superior nursery stock and low prices, we make the following offer: To all orders for both the above offers (numbers 1 and 2) we will send absolutely free and prepaid two Campbell's Early Grapevines, first-class vines two years old.

Campbell's Early is the largest, broadest, most productive and best quality of all early grapes. Do not miss this opportunity to secure two vines of this remarkable grape free. If you are interested in fruit write to us. Address,

INDIANAPOLIS NURSERY CO., Indianapolis, Ind.

FOR SALE---SEED-CORN and OATS

dried like corn from the north, which injures the germ. Seed guaranteed. Shelled and husked. Yellow Dent, per bushel, \$1.25; Home Builder, per bushel, \$1.40; Yard Long, per bushel, \$1.60; also Red Texas oats. Address all orders to

JOHN ROEHRMAN, Route No. 3, HERRINGTON, KANSAS

BUY GRAND PRIZE ALFALFA SEED

Our Alfalfa Seed Exhibit won the Highest Award at St. Louis Exposition, in competition with all Alfalfa Seed producing countries of Europe and the United States. We also handle Macaroni Wheat, Oats, Kafir-Corn and other farm seeds. Write us for prices on carloads or bushel lots.

MICHELLE & KINNISON,

Garden City, Kansas

Pruning Old Orchards—Planting and Spraying.

My orchard is perhaps twenty years old and has not been kept pruned as it should be. What do you think of pruning an old orchard? What are your ideas of spraying trees, when should it be done and how often and with what? My orchard has grown up with grass and weeds; it was not plowed last year. I began living on the place last March. When would be the best time to plow—right away or not till spring? Do you think it best to keep the orchard plowed every year, or seed to clover?

THOS. HARNES.

Jefferson County.

I regret to say that we have a lot of old orchards just in the fix yours are that were planted in 1876-1878 that have borne no apples worth mentioning since 1895. These trees have

borne sixteen crops, and in the meantime we have been experimenting to see if they could not be renovated, but have had no success worth mentioning. In fact, we have come to the conclusion, like many others, that when an orchard gets to be eighteen or twenty years old the most profitable thing we can do with it is to cut it down and plant new trees, though not on the same ground.

As to pruning them, as stated before, it is time thrown away and we cut them down. Pruning should be done in the winter, any time before the trees leave out in the spring. The best time to plant an orchard is any time from now on, or in the spring. We cultivate our orchards thoroughly for the first four to six years and grow corn between the rows, and then seed down to clover. FRED WELLS.

Horse Owners! Use



GOMBAULT'S Caustic Balsam

A Safe, Speedy, and Positive Cure
The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is Warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars.
THE LAWRENCE-WILLIAMS CO., Cleveland, O.

The Stock Interest

THOROUGHbred STOCK SALES.

Dates claimed only for sales which are advertised or are to be advertised in this paper.

January 20, 1905—Poland-Chinas at Girard, H. N. Holdeman.

January 31, 1905—S. H. Lenhart, Hope, Kansas, Poland-China bred sows.

January 25, 1905—G. A. Munson, Maxwell, Iowa, Duroc-Jerseys.

January 26, 1905—Poland-China swine, A. & P. Schmitz, Alma, Kans.

January 30, 1905—Geo. Kerr, Sabetha, Kansas, Duroc-Jerseys.

January 31, 1905—J. B. Davis, Fairview, Kansas, Duroc-Jerseys.

February 1, 2, 3, 4, 1905—Percherons, Shorthorns, Herefords, Poland-Chinas, Wichta, Kans.; J. C. Robinson, Towanda, Kans., Manager.

February 1, 1905—C. E. Pratt, Frankfort, Kansas, Duroc-Jerseys.

February 2, 1905—Poland-China brood-sow sale, by S. A. Dawley, Waldo, Kans., at Osborne, Kans.

February 2, 1905—J. O. Hunt, Marysville, Kansas, Duroc-Jerseys.

February 3, 1905—Chester Thomas, Waterville, Kansas, Duroc-Jerseys.

February 4, 1905—W. F. Garrett, Portis, Kansas, Duroc-Jerseys, at Concordia, Kans.

February 6, 1905—Gus Aaron, Leavenworth and H. M. Kirkpatrick, Wolcott, Kans., Poland-China brood sow sale at Leavenworth.

February 7, 1905—Leon Calhoun, Potter, Kans., Poland-China brood sow sale at Atchison, Kans.

February 8, 1905—T. J. Charles, Republic, Kans., Poland-China brood-sow sale.

February 8, 1905—Schmitz Bros., Alma, Kans., Poland-Chinas.

February 14, 1905—E. P. Sherman, Wilder, Kans., closing-out sale of Poland-China.

February 15, 1905—S. S. Spangler, Milan, Mo., Percheron hogs.

February 15, 1905—W. H. Cottingham & Son, McPherson, Kans., Shorthorns and Poland-Chinas.

February 16, 1905—Combination sale of Shorthorns, Chas. M. Johnston, Secretary, Caldwell, Kans.

February 17, 1905—Swine Breeders' Combination Sale, Fredonia, Kans.

February 18, 1905—Cattle Breeders' Combination Sale, Fredonia, Kans.

February 17, 1905—Combination sale of Herefords and driv. g. mares, Chas. M. Johnston, Secretary, Caldwell, Kans.

February 18, 1905—Combination sale of Poland-Chinas, Duroc-Jerseys and Chester Whites, Chas. M. Johnston, Secretary, Caldwell, Kans.

February 20, 1905—J. F. Chandler, Frankfort, Kans., Duroc-Jersey brood sows.

February 21, 1905—John W. Jones & Co., Delphos, Kans., Duroc-Jersey brood-sow sale.

February 22, 1905—N. F. Shaw, Manager, Plainville, Kans., Poland-Chinas.

February 22, 1905—L. L. Vrooman and C. W. Taylor, Hope, Kans., Duroc-Jerseys.

February 23, 1905—Shorthorns, N. F. Shaw, Mgr., Plainville, Kans.

March 7, 1905—Jacks, Jennets, and stallions, at Limestone Valley Farm, Smithton, Mo., L. M. Monser & Sons proprietors.

March 8, 1905—Poland-China brood-sow sale, Herbert Baub, Whiting, Kans.

March 14, 1905—F. M. Gifford, Milford, Kans., Shorthorns at Manhattan, Kans.

April 19, 1905—Closing out sale of Shorthorns J. D. Stanley, Horton, Kans.

The Northeast Kansas Duroc-Jersey Swine Sales.

This year five of the largest and best-known breeders of Duroc-Jersey swine in the West have arranged their sale dates so that the buyer can attend any or all of them at the smallest possible cost in time and money. The gentlemen holding these sales have been prominent as breeders and exhibitors of Duroc-Jersey swine for years past, and some of them have made record-breaking sales from the herds which are now drawn upon for this series.

THE GEO. KERR OFFERING.

On January 30, 1905, at Sabetha, Kans., Mr. Geo. Kerr will sell forty head of choicely bred gilts and sows, that are well worth the attention of buyers. These hogs have been accustomed to abundant pasturage and pure water all their lives, and have good constitutions and are growthy. They are bred to Crimson Wonder 2d 23475, whose sire brought \$490; Leader 24277, a grandson of Top Notcher; Good Enough 18279; Topeka Chief 23335; and Joe Patchen 23387. The sows are equally well-bred and are in good condition. Ruth is one of his fine sows who will have six gilts in the sale, of nice cherry-red color, and all bred to Crimson Wonder 2d 23475. This is only mentioned to show a sample of the quality here offered.

THE J. B. DAVIS OFFERING.

Mr. J. B. Davis, Fairview, is one of the oldest breeders of Durocs in the State. His sale will be held at Fairview on Tuesday, January 31, and his offering this year will be the best that he has ever made. Much prize-winning blood will be found in the sale stock, and the individuals sold will be in extra condition. The sows and gilts in the offering will be bred to his great herd boars, Onward and Shamrock, which ought to bring the buyer something very nice. There is no better known breeder in this State than Mr. Davis, and his reputation will not suffer by the offering he is now making.

C. E. PRATT'S OFFERING.

At Frankfort, Kans., on Wednesday, February 1, Mr. C. E. Pratt will sell forty head of Duroc-Jersey females, of which fifteen are tried brood sows, fifteen are fall yearlings and ten are large, growthy

spring gilts. These are bred to four boars that are good enough to use in any herd. St. Paul 10745 is a grandson of Monarch Junior 2273 and Ruby Prince 1059. He is a grand individual who took first prize in class at the Iowa State Fair. He has proved a sure breeder of just the kind of pigs wanted by Western breeders. His dam was a litter sister of Oom Paul, the undefeated champion of the breed. Field Marshall Junior 21097 is a great youngster and promises to reach a thousand pounds at maturity. He is a son of Field Marshall 10377 and a grandson of Russell's Model S.

JOHN O. HUNT'S OFFERING.

On Thursday, February 2, at Marysville, Kans., Mr. John O. Hunt will sell a nice lot of Durocs, and at the same time give visitors, who did not see them at St. Louis, an opportunity to inspect his World's Fair prize-winning boars. Mr. Hunt thinks these boars are as good as they grow and is proud of his offering of sows and gilts which will be bred to them. Hunt's Model 20177 was exhibited by Mr. Hunt at St. Louis and got well into the money. As the writer remembers him he was typical in color, very massive, with good heavy bone, a splendid back, extra ham, and very active. He has proved a great sire, and is valued accordingly. Chief Orion 28817 was a member of the group that won first at get of sire and of the group that won first at produce of sow in the World's Fair hog show at St. Louis. He is a litter brother to the hog that won more blue ribbons than any other Duroc individual on the World's Fair grounds, and he himself was a member of the champion herd of the breed. The buyer who gets sows or gilts bred to him ought to have something extra fine. Another attraction in this sale will be Bessie H. 26250, who was sweepstakes winner at the Nebraska State Fair last year and was a World's Fair winner this fall.

W. F. GARRETT'S OFFERING.

Mr. W. F. Garrett, of Portis, will hold his sale this year at Concordia, on Friday, February 3. Duroc breeders throughout the State will remember the remarkable record that Mr. Garrett has been making in his former sales, and know that a man who makes a high average must have good animals to offer. This will be a closing-out sale, and will include forty bred sows and gilts, fourteen tried brood sows, ten fall yearlings and sixteen spring gilts. There is some nice breeding in this herd. The boar, Parker Mc 29283 by Brilliant 9265 out of Ruby Wonder 30034, was bred by McFarland Bros., and won second prize in the Missouri State Fair, being beaten by his litter brother only. His dam is the highest-priced sow of the breed that was ever sold in Kansas City. Auction Boy 3d 23471 is descended from prize-winning stock on both sides. His dam was first-prize winner at Nebraska State Fair in her spring gilt form and sold for \$315. Auction Boy 3d is a grandson of State Auction Boy and Red Chief 1 Am. State Litter 31739 is a grandson of Morton Boy 2d and Red Rose 2d. Belle of Kansas 42278 by Corrector 15653, out of Margaret by Bismark 4069A, is a daughter of a sire that was never beaten in the show ring, and of a dam that showed against the champion at Chicago last year and defeated her. She is a full sister, one litter younger, of the herd that won the international championship at Chicago in 1902. These are only a few of the many that will be included in this sale, but they are all good and we urge our readers to be sure to get this catalogue for inspection.

Address the owners for catalogues in each case, and send bids by mail to the auctioneers in care of each owner, or to I. D. Graham of the Kansas Farmer. This will be a great week among the Durocs.

Sale of Champion Poland-Chinas.

The place to get sows bred to the world's champion boars, Meddler and Corrector 2d, and their sires, Mischief Maker and Corrector, is Mastin, Kans., and the time is January 24. At this, their first brood sow sale, Winn & Mastin will offer some of their finest sows, and breeders will know from this what to expect. The four boars that the large majority of the sows will be bred to, the four named above, are unequalled in any other herd. Each hog has his admirers and some like one better than another, but it is a fact that none can dispute that taken together this quartette has never been and doubtless never will be again equalled, let alone surpassed. The boars are too well known to need further comment. The sows for this sale are a grand lot and have been mated for the best possible results. There will be fifteen by that incomparable sow sire, Corrector, all safe in pig to Meddler and Mischief Maker. This is a grand lot, many of them out of their greatest sows, such as Lady Louise, Hoosier Queen (dam of the international sweepstakes Keen on 2d); Carmen (junior champion sow American Royal, 1902); Queen of Hearts, by Chief Perfection 2d; Azuba U. S., probably the best living daughter of old U. S. Chief; Perfect Blackface, by P. I. K.; Fancy Sunshine, by Winning Sunshine, the sow that topped T. R. Wilson's 1902 sale at \$360, and others equally as well-bred. Everybody wants Corrector sows on account of their remarkable size and finish combined, and a better opportunity will never be had to secure them than at this sale. There will be some very fine young sows by Mischief Maker and Proud Perfection, mostly bred to Corrector and Corrector 2d. Other noted sows are: Helen Perfection, by Chief Perfection 2d, a full sister to Maple Lawn Chief, first prize aged boar at St. Louis, and Sure Perfection, champion Indiana State Fair, 1903; Lady Oakwood, dam of the champion sow Carmen, pronounced by some the finest sow ever exhibited by Winn & Mastin; L's Gem, by L's Perfection, dam Belle Price, the granddam of Corrector, making her breed almost like the now famous boar; Irish Girl and Missouri Daisy, two of the finest Missouri's Black Chief sows living to-day; Fancy Sunshine, regarded by many the best sow ever sired by Winning Sunshine, and the sow that topped T. R. Wilson's sale in 1902; Perfect Darkness 2d, by Keep On, and grand-daughter of Darkness on dam's side; Perfect Bloom, by P. I. K., that was in yearling her winning first both Des Moines and Springfield in

TRADE MARK

"EVIDENCE"

Gentlemen: In reply to your recent letter will say that in January, 1901, I bought 1,000 pounds of Iowa Stock Food for cattle feeding. I was at the time feeding a full ration of corn and about three pounds of oil-meal per day to sixty head of cattle. I was somewhat skeptical regarding stock foods of any kind. I had never fed any. Being somewhat acquainted with your salesman, Mr. W. A. Scott, who told me that if I would feed Iowa Stock Food that I would get nearer the full value out of my ration of corn and oil meal, I decided to try it. I fed the food according to your directions, and must say that I was surprised. My cattle seemed to relish their feed a great deal better, and stay on feed better. They ate a full, even ration as long as I fed them, which was until the following June. I was told that scarcely any whole corn would pass through my cattle, which I found to be a fact. At least it greatly reduced the amount of undigested corn, and I absolutely know that Iowa Stock Food is all right to feed with corn and oil-meal. I have since my first purchase been a steady user of Iowa Stock Food. F. W. BUXTON, Deep River, Iowa.

IOWA WORM POWDER is a sure destroyer of worms in hogs, sheep and horses.

Write us, mentioning this paper, and get our special offer.

IOWA STOCK FOOD CO.
Jefferson, Iowa.

GREAT WESTERN TWO-DAYS' SALE OF POLAND-CHINAS

Unparalleled offering in number and quality. 110 head from 4 herds, mostly young sows of the finest breeding and individual excellence, bred to about a half dozen of the greatest boars of the breed, and possibly a few fancy young boars and open gilts.

FEBRUARY 6 and 7, 1905.

Separate Catalogues. You can attend two sales at one expense.

Leavenworth, Kans., Feb. 6

John Bollin, Leavenworth, Kans., R. F. D. 5; Gus Aaron, Leavenworth, Kans., R. F. D. 5; H. M. Kirkpatrick, Wolcott, Kans.

Sell 60 head, all good ones. Bred to The Ricket 87697 by Corrector. He headed the herd that won 3d prize in St. Louis. Sir Darkness by Chief Perfection 2d and Darkness. Corrector's Equal by Corrector, Beauty's Extension, and that peerless Perfection Now.

Many roads lead to Leavenworth and trolley cars from Kansas City every hour. If you are far from home and will be good, Bollin will pay your expenses while there. Write Kirkpatrick for catalogues.

Atchison, Kans., Feb. 7

Leon Calhoun, Potter, Kans., R. F. D. 1.

Will sell 50 or 60 head of choice sows of the blood that dominates the breed. Leon Perfection by L's Perfection is the sire of many of these, bred to Kansas Chief 23175 by Chief Tecumseh 2d and Ina Wilkes. Perfection's Fancy Chief 29987. Prince Darkness by Chief Perfection 2d and Darkness, and others.

This sale will contain more close up blood to the greatest of all sow producers, L's Perfection, than was ever before offered in one sale. Write Calhoun at Potter, Kans., for catalogues. Hotels are free.

Cols. Jas W. Sparks and John Daum, Auctioneers.

Improved Handy Herd Book FOR SWINE-BREEDERS

Is a second but improved edition of the SWINE-BREEDERS' HANDY REGISTER. Copyright, 1891, by Ira K. Alderman, Maryville, Mo.

DO YOU BREED PURE-BRED SWINE? Then most assuredly you are behind the times and losing time without this PERFECT, SIMPLE, PRACTICAL, CONVENIENT Private Herd Book, that almost of itself keeps a correct record of your breeding sales, etc.

101 PAGES

Capacity of each page for litter of 14 pigs, and ample space for remarks. Cross references to preceding or succeeding litters of same dam, and costs ONLY ONE DOLLAR, or less than ONE CENT A LITTER. It is a little wonder of most practical utility. In addition it contains room in back of book, conveniently ruled for registering 96 breeding services of boars. A handy pocket on inside of back cover, full size of page. A breeders' calendar for all farm animals on inside of front cover. Neat and tastefully bound in flexible cloth. Small enough to carry in your coat or hip pocket, or slip in an ordinary pig-hole of your desk and large enough for any practical breeder.

**Nothing Better Ever Devised!
Nothing Better Ever Will Be!**

Sold on an absolute guarantee of satisfaction or your money refunded on return of book, and no questions asked.
Sent prepaid to any address on receipt of price—ONLY ONE DOLLAR.
The Handy Herd Book and the Kansas Farmer, one year, for \$1.75. Address: KANSAS FARMER CO., Topeka, Kansas.

WHEN WRITING OUR ADVERTISERS PLEASE MENTION THIS PAPER.



The Feeding End

is the investment end. If the food makes its proper amount of flesh, then the cost is well invested. If a large part of the food is wasted through poor digestion or non-assimilation, then feeding becomes an expense rather than an investment.

DR. HESS STOCK FOOD

is not a ration, but a scientific stock tonic and laxative, the famous prescription of Dr. Hess (M.D., D.V.S.). It's a digester and assimilator. It makes cattle get all the flesh-forming material out of their food and turns losing propositions into profitable ones.

5¢ per lb in 100 lb sacks, 25 lb pail \$1.60
Smaller quantities a little higher. Small dose.

Sold on a Written Guarantee
DR. HESS & CLARK,
Ashland, Ohio.

Also Manufacturers of Dr. Hess Poultry Pan-a-ce-a and Instant Louse Killer.

Worth \$100 A Bottle.



Collinsville, Texas, Feb. 10, 1903.
Dr. B. J. Kendall Co., Enosburg Falls, Vt.
Gentlemen—Having two fine and valuable horses which had been lame with Spavin for nine months, I sent to the druggist at Decatur for a bottle of

Kendall's Spavin Cure

which in six weeks removed all lameness and soreness, and both horses are sound as colts. The one bottle was worth \$100 to me. You may use my name at any time you wish.
Very truly yours,
P. H. SEGLER.

Price \$1.50 six for \$8. As a liniment for family use it has no equal. Ask your druggist for Kendall's Spavin Cure, also "A Treatise on the Horse," the book free, or address
DR. B. J. KENDALL CO., ENOSBURG FALLS, VT.



So common nearly every body knows it when he sees it. Lameness, and a bony enlargement just above the hoof, or higher and on the upper pastern bone, sometimes extending nearly around the part, sometimes in front only, or upon one or both sides. Cases like the latter are called Sidebone. No matter how old the case, how big the lump, how lame the horse, or what other treatment has failed, use

Fleming's Spavin and Ringbone Paste
Use it under our guarantee—money refunded if it fails to make the horse go sound. Often takes off the lump, but we can't promise that. One to three 45-minute applications required and anyone can use it. Get all the particulars before ordering—write for Free Horse Book that tells you what to use for every kind of blemish that horses have.
FLEMING BROS., Chemists,
212 Union Stock Yards, Chicago, Ill.

IMMUNE HOGS

Immune your pigs by feeding virus to the sow costs 1 cent a pig and have their barn cholera-proof. ONE MILLION successful tests. Indorsed by thousands of able veterinarians and scientists; satisfaction guaranteed in writing, backed by \$10,000 security. Agents wanted.
ROBERT RIDGEWAY, Box K Amboy, Ind.

\$7.00 Daily Av. selling IDEAL PUMP EQUALIZERS. Make all pumps work fast. Windmills run in slightest wind. FIT ALL PUMPS. Merit sells them. FULLY GUARANTEED. Exclusive territory. Write for Equalizer and Descriptive Circular. Chicago, Ill.

1900; Chiefess Sunshine, by Ideal Sunshine; Missouri Echo, by Missouri's Black Chief, out of an Ideal Sunshine dam; Magnolia, dam of The Picket, that sold for \$200 in Winn & Mastin's November 16 sale, etc. This will be a sale of good ones, and no breeder can afford to be without a litter by one of these noted and popular boars. Write Winn & Mastin for catalogue, which will give full particulars, and then prepare to attend the sale. They do not expect fancy prices, but do hope for and are entitled to a fair, legitimate price for their offering.

Frank Iams, Who Imports Draft- and Coach-Stallions by Train-Load Sells Them to Every State in the Union as Well as to Old Mexico and Canada.

All the world loves a good horse. It is a "cinch" that our horse illustration is from the "home of the winners," the man who has made Nebraska prosperous as well as famous with fine horses. He imports draft- and coach-stallions by special train-load, sells stallions in every State in the Union, Old Mexico and Canada. He owns more pure-bred draft- and coach-stallions than any one man in the United States. He saves stallion-buyers \$1,000 each year by selling first-class horses at "live-and-let-live" prices. He sells all of his stallions himself and direct to the user. Gives his buyer all middleman's profits and commissions. Guarantees to sell better stallions at \$1,000 and \$1,500 than are being sold to farm stock companies at \$2,500 to \$4,000. If you do not find this true on a visit to his barns, and every statement in his advertisements or catalogue true, and stallions as good as his illustrations, Iams will pay you \$100 and no questions asked.

This illustration is of the famous showing stallion, Iams' Glacial (44984), black gray Percheron, 5 years old, weight 2,340 pounds. First prize winner at Nebraska State Fair, 1904. He is a stallion of great individual merit, his lines are very symmetrical. He is one of those low-down, wide-out fellows; a real drafter in every sense of the word. He has big 15-inch bone of the clean, hard, flinty kind. He is a stallion of big style, being a whirlwind in action. He is one of the "peaches and cream" kind that you read about. In fact, he is a model drafter of the kind that you can see 140 head as good or better at Iams' barns. Every one for sale at from \$1,000 to \$1,500, and a few higher. Every one must be sold, as Iams needs the money.

There has never been so many bargains in Iams' barns as at the present time. All of his stallions are looking for new owners. You ask why Iams can sell these "top notchers" at such low prices compared with his competitors. Iams is a practical business man. He has been a success in his line of business. He sells his horses by the use of plenty of printer's ink; deals direct with his customers; saves them \$1,000; uses his own money; owns his own farms, barns, houses and lands. This makes his breeding guarantee gilt-edge. He knows how and where to buy these first-class stallions, worth the money. His twenty-three years of successful business at St. Paul, Neb., makes him a safe man to do business with. He sells every stallion himself, employs no buyer or slick salesman to "humbly" you with fourth-class horses at four prices.

It is a "cinch," Mr. Stallion-buyer. You can easily save \$1,000 at Iams' barns and buy a much better horse than elsewhere. Iams has a horse-show daily, better than State fairs. A day or two spent at Iams' importing barns is worth a whole six-months' course in any agricultural college. Here you see the every-day, practical methods, and stallions bought by a practical horseman. Write for his catalogue. It is a "hummer."

The Wichita Sales.

Beginning on Wednesday, February 1, 1905, there will be held at the Riverside sale barn, Wichita, Kans., a remarkable series of sales. The first day will be devoted to the selling of fifty head of Percheron horses and mares from the herd of J. W. & J. C. Robison, Towanda, Kans. It is hardly necessary to mention the remarkable record that has been made by this herd of Percherons. Their record as winners in the World's Fair contest is known to all and, in addition, they are first-prize winners in six State fairs. Casino, who stands at the head of this herd, won the first prize at the World's Fair, and the reserve grand championship horse of his age in the world today. Many of the animals consigned to this sale are either his get or bred to him. This will be the greatest Percheron horse sale made by one owner that has ever been held in America so far as our present knowledge reaches.

On Thursday, February 2, there will be sold fifty registered Shorthorn cows, heifers and bulls, consigned by J. W. & J. C. Robison, Towanda; J. F. Stodder, Burden; and S. C. Hanna, Howard. These are three of the best-known breeders in the West and they are unanimous in saying that this is the best offering made in the West. Mr. Stodder's herd is headed by the great show bull, Imported Aylesbury Duke 139763, assisted by Lord Thistle 129960. Mr. Hanna's herd has been well known in the show-ring in the past and the whole offering will constitute the best lot of the year.

On February 3, there will be sold fifty registered Herefords consigned by Robt. H. Hazlett, Eldorado; C. A. Stannard, Emporia; Jos. Condell, Eldorado; and Mrs. Kate Wilder Cross, Emporia. Four of the best-known breeders of white-face cattle in the United States. Mrs. Cross won first prize and championship at the World's Fair on her pure-bred Hereford steers, and she has a reputation for "topping" sales wherever she consigns Herefords. Her breeding lines are much like those of Sunny Slope Farm.

The last day of the series will be Saturday, February 4, which will be devoted to the sale of pure-bred Poland-Chinas consigned by Snyder Bros., Winfield, and Harry E. Lunt, Burden. Snyder Bros. have reserved the best they had for the sale. Write to any of the consignors for the sale catalogue, and if you wish, send your name to be present, and your

Dawley's Great Attraction

POLAND-CHINA BROOD SOW SALE

At Osborne, Kans., Feb. 2, 1905.

The Tops of the Breed Go at Your Price

They include daughters of IDEAL SUNSHINE 22985, PROUD PERFECTION 23799, and G'S PERFECTION 77181 (a), the only two boars to take grand sweepstakes at both Iowa and Illinois; KEEP ON 28553, PREDOMINATOR 27480, GRAND CHIEF 29740, and C'S PERFECTION 24863, F. M. Lail's great herd boars; STYLISH PERFECTION 29005 and PERFECT SUCCESS 30436, Axline's herd boars; MASCOT 87711 (a), TOP LINER 33232, GUY'S PRICE 26037, ONWARD PERFECTION 30279, B. B. MODEL 29590, SUNFLOWER PERFECTION 33174, HIGHROLLER 33839, and a lot of hummers by that phenomenal boar, WOODBURY 33838.

This Great Array of Fancy Tried Sows And Gilts

Bred to NONPAREIL 86105 (a), grand champion boar at Missouri State Fair 1904; WOODBURY 33839, one of the greatest individual and breeding boars in the West; CHOICE CHIEF 34182, winner of second at Missouri State Fair 1903, the year GRAND CHIEF, his sire, took first and sweepstakes; ADMIRAL TOGO, that we think a better pig than was shown in six months class at St. Louis. See him on sale day.

EVERY ANIMAL GUARANTEED. No postponement on account of weather as sale will be under cover.

Auctioneers—Cols. Burger, Kramer, and Clark. Fieldmen—J. W. & J. R. Johnson, I. D. Graham, and Theo. W. Morse. Send for catalogue that tells all. Yours for the GOOD ONES,

F. A. DAWLEY, Waldo, Kans.

SOLOMON VALLEY HERD OF DUROC-JERSEYS.

GRAND CLOSING-OUT SALE

Concordia, Kans., Friday, Feb. 3, 1905.

80---HIGHLY BRED SOWS AND GILTS---80

Forty bred sows and gilts, 14 tried brood sows, 10 fall yearlings, and 16 spring gilts sired by Auction Boy 3d 23471, St. Paul 3d 17157, Bliss' Onward 15403, Portis Duke 9197, Prince Eric 3d 13963, Garrett's Orion 23475, Corrector 15653, Pilot 12075, Glendale Chief 19623 A, Perfection I Know 9925 A, Yukon Chief 5049, and others as good. The highest quality in breeding and animals in good condition.

Buyers from a distance entertained at Exchange Hotel free. Sale under cover, and pavilion heated. The opportunity of the year. Write for catalogue.

W. F. GARRETT, Portis, Kans.

T. C. Callahan, G. B. Vanlandingham, Auctioneers.

Mail bids may be sent to either auctioneer or to I. D. Graham of the Kansas Farmer.

SEED CORN

All the leading and best varieties of choice selected, thoroughly tested seed corn, which have yielded 75 to 215 bushels per acre. Costs Only 25¢ Per Acre for Seed. Large descriptive catalogue of Corn and all kinds of Farm and Garden Seed mailed free if you mention this paper.
IOWA SEED CO., DES MOINES, IOWA.

mail bids to either of the auctioneers or to I. D. Graham of the Kansas Farmer. See advertisement on page 67.

The Robert Hanson Closing-Out Sale.

Mr. Robert Hanson, of Route 1, Jamestown, Kans., has long been known as a breeder of the best of Poland-Chinas. Because of sickness in his family, he is now compelled to cease his breeding operations and will offer his entire herd of seventy brood sows for sale at public auction on Wednesday, February 1, at Concordia, Kans. During the years when he was engaged in building up this great herd, he has spared no expense in getting the best, and now is able to offer for sale one of the best-bred bunches of Poland-China hogs in Kansas. He has five herd boars at the head of this herd: Perfect I Know 4th 32187, a great grandson of Chief I Know; B. V. Perfection 34287, a grandson of Missouri's Black Chief; Lamp Black 35755, a son of Lamplighter 26890; Correction 35758, son of the great Corrector, and a half-brother to Corrector 3d, the sweepstakes boar at St. Louis last year, and Lady's Mark, a grandson of Chief Perfection and of Perfect I Know. It would be difficult to get a better bred string of boars than this. Among the sows, we have a bunch of especially good ones, a great Corrector, out of Gibson Girl (78000) by Perfect Corwin.

These are numbered from 27 to 31 in the catalogue and are undoubtedly the plums of the sale for their age. The whole offering is rich in Chief Perfection and Perfection I Know blood and makes one of the most attractive lots that has been offered at public sale in Kansas. With rare business judgment Mr. Hanson has provided for the comfort and convenience of the buyers and he has left nothing undone that would please them. A special train on the Santa Fe road will be run from Concordia to the farm at 10 o'clock a. m., and will return with the buyers in the evening. Mr. Hanson is a man of ample means and he has devoted these and his energies to the building up of a great herd, the dispersion of which in this sale will give buyers a great opportunity to get some choice bred Poland-Chinas at very attractive prices.

The Leavenworth Poland-China Sale.

On February 6, at Leavenworth, Kans., will be held a sale of Poland-China hogs by three of the oldest and best-known breeders in the State of Kansas. The herds of John Bollin and Gus Aaron, of Leavenworth, and of H. M. Kirkpatrick, of Wolcott, will be drawn upon for six head of tops. John Bollin's consignments will consist of fifteen sows by Black Perfection, whose get topped the combine.

(Continued on page 61.)

POULTRY BREEDERS' DIRECTORY

FOR SALE—Barred and White Plymouth Rocks. Now is the time to secure your breeding stock. Won all first premiums and sweepstakes at Ottawa Fair, September 1904. Choice cockerels and pullets and eggs in season. Mr. & Mrs. Chris. Bearman, Ottawa, Kans.

FOR SALE—B. P. Rock cockerels, large, well-barred. For further information address Mrs. Ada L. Ainsworth, Eureka, Kans.

TURKEYS, Leghorns, Wyandottes. All stock pure-bred, from fine matings with high scores. M. B. Turkey toms and hens; Single Comb White Leghorn cockerels. Earl Ray's Buff Wyandottes, excellent stock of two strains, cocks, cockerels, hens and pullets. Mrs. Albert Ray, Delaware, Kans.

FOR SALE—Two male Scotch Collies, nearly full grown. Eligible to registry, strong in the blood of Metchley Wonder. Price, \$10 each. Geo. W. Maffet, Lawrence, Kans.

FOR SALE—White Holland toms and Shorthorn bulls. H. M. Harrington, Clearwater, Kans.

SINGLE COMB RHODE ISLAND COCKERELS \$2.50 to \$5 each. H. C. Statey, breeder, Rose Hill, Butler County, Kans.

BARRED PLYMOUTH ROCKS—Cockerels and pullets. Write for prices. E. W. Caywood, Clifton, Kans.

FOR SALE—Barred Plymouth Rocks, pure-bred and well barred. Chas. Parsons, Clearwater, Kans.

ROSE COMB BROWN LEGHORN COCKERELS, \$1 each, two for \$1.50. Mrs. Bertha Gresham, Bucklin, Kans.

I HAVE choice young M. B. turkeys for sale from high-scoring stock. Hens, \$3; toms, \$5. Write your wants. Mrs. A. E. Harness, Speed, Mo.

FOR SALE—A few nice Scotch Collie puppies, eligible for registration. Sire and dam are both fine workers on stock. M. S. Kohl, Benton, Kans.

FOR SALE—Silver Wyandottes, choice hens and pullets, score 90 or more. Eggs \$1 for 13. Orders booked. Address W. C. Koening, First National Bank Building, Nortonville, Kans.

S. C. WHITE LEGHORNS—Winners at State Fair. Cockerels, one for \$2; two for \$3; four or more, \$1 each. J. W. Cook, Route 3, Hutchinson, Kans.

CHOICE B. P. Rock cockerels and pullets—Collie pups; send for circular. W. B. Williams, Stella, Neb.

THOROUGHbred POULTRY—Forty varieties. Eggs and stock, incubators and poultry supplies. Pit gamen. Write your wants. Oakhurst Poultry Agency, Kansas City, Mo.

RHODE ISLAND REDS—Rose and Single Comb superb in color, standard bred; also Rose Comb White Leghorns. Prices right. L. F. Clark, Mound City, Kans.

S. C. BROWN LEGHORNS—Only a few choice cockerels left. First come, first served. Prices reasonable. Stock guaranteed to be pure-bred. J. A. Kaufman, Abilene, Kans.

TO GIVE AWAY—50 Buff Orpingtons and 50 Buff Leghorns to Shawnee county farmers. Will buy the chicks and eggs. Write me. W. H. Maxwell, 921 Topeka Ave., Topeka, Kans.

BARRED PLYMOUTH ROCK EGGS, 50 for \$2.25; 100 for \$3.75. Adam A. Weir, Clay Center, Neb.

WHITE HOLLAND GOBBLEERS—From first prize stock, \$4 each. E. W. Melville, Eudora, Kans.

SCOTCH COLLIE PUPS—Four more litters of these high-bred Collies, from 1 to 3 weeks old, for sale. Booking orders now. Walnut Grove Farm, H. D. Nutting, Prop., Emporia, Kans.

256 TO 278 EGGS A YEAR EACH. Our Barred Rocks bred for business. Profits doubled by new methods in breeding, hatching, and feeding. Instructive catalog free. F. Grundy, Morrisville, Ill.

WHITE WYANDOTTES—White ones, pure-bred, and good layers. Eggs in season.

ALVIN LONG, Lyons, Kans.

BEE & POULTRY SUPPLIES—If you are looking for any line of Poultry Supplies the coming season, write for our Catalogue NOW. We have the most complete line of supplies for the Poultry Raiser. Catalogue free. Write for it. Address: TOPEKA SUPPLY HOUSE, TOPEKA, KANSAS.

BARRED ROCKS AND COCHINS—Bred for winter laying as well as beauty. My 1st 1904 pullets laid first egg at 4 months and 18 days old. They lay much earlier than most strains and lay in winter when most strains are idle. World's fair winners. Send for beautiful catalog with photos of prize winners, etc. Sharpest and best Grit, 50c. per 100 pounds; \$1 per 500 pounds. Agent for CYPHERS INCUBATORS.

O. E. SKINNER, Columbus, Kansas.

White Plymouth Rocks—EXCLUSIVELY.

Three Grand Yards of the Best Strains in the Country.

White Plymouth Rocks hold the record for egg laying over any other variety of fowls; eight pullets averaging 285 eggs each in one year. I have some breeding stock for sale at reasonable figures. Eggs in season, \$2 per 15, express prepaid anywhere in the United States. Yards at residence, adjoining Washburn College. Address

THOMAS OWEN, Topeka, Kansas.

DUFF'S POULTRY

All our Fine Breeders of this season, also Spring Chicks for sale after the first of June. Barred Rocks, White Rocks, Buff Cochins, Part-Ridge Cochins, Light Brahmas, Black Langshans, Silver Wyandottes, White Wyandottes, Silver Spangled Hamburgs, Black Minorcas, S. C. Brown Leghorns, and Belgian Hares. Buy the best now at the lowest prices. Write your wants. Circulars free. Choice Breeders and Show Birds.

A. H. DUFF, Larned, Kan.

The Poultry Yard

CONDUCTED BY THOMAS OWEN.

Crude Petroleum for Lice and Mites.

EDITOR KANSAS FARMER:—In your issue of January 12, Mr. Wm. McCune, of Ness County, makes inquiry about gas tar and says he wants to use it to kill and prevent chicken lice and mites. For that purpose I have used crude petroleum with excellent results, so much so that in a chicken-house so badly infested that the fowls were dying, a single application to the inside of the building, the roosts and nests put a stop to the trouble completely; and though nearly a year has passed, no mites have reappeared. It can be easily put on with a broom.

The cost of crude oil at wells here runs from 31 to 72 cents per barrel and ought to be furnished f. o. b. here at about one-half the price you mention for gas tar. Z. T. POSTLEWAIT, Neosho County.

The Carrier Pigeon's Speed.

On tolerably long journeys, say of a hundred miles or more, the pigeon will average a speed of from thirty-seven to forty-three miles an hour. The celebrated racehorse, Flying Childers, in a run of about three miles, covered 15.63 yards per second. The best horse in the world can only keep up a speed approximate to that for six or seven minutes at most. The pigeon's speed is about thirty-three yards per second, just about twice as great.

Publisher's Paragraphs.

Among those who have received the highest award—the grand prize—at St. Louis World's Fair, was the A. J. Tower Co., the makers of the Fish Brand Slickers. Many of our readers who went to the fair, will recall their fine exhibit in which waterproof garments were shown adapted to so many uses that almost every department of the world's work was suggested. The grand prize was a deserved tribute to one of the oldest manufacturing concerns in the country.

This man who distinguished himself by winning horticultural honors for the State of Kansas at the World's Fair, was Mr. W. F. Schell, the proprietor of the Wichita Nursery at Wichita, Kans., one of the best establishments of its kind in the West, which is now being advertised in the Kansas Farmer. And those of our readers who wish reliable trees of all kinds and wish to save agents' commissions, can be nicely accommodated by writing to Wichita Nursery, Box B, Wichita, Kans.

Grand Prize Alfalfa Seed.

The capture of the highest award at the St. Louis Exposition by Messrs. McBeth & Kinnison, of Garden City, Kans., the well-known dealers in alfalfa and other seeds, is a notable achievement, as the competition included not only every State of the Union, but all alfalfa-growing countries of Europe. This proves conclusively that seed from that part of Kansas, where all conditions are most favorable to the growth of this remarkable drought-resisting forage plant, is by far the most valuable.

This firm has made a wonderful success in alfalfa-growing, as they work along the most approved scientific lines. The farmer and stockman can secure the exact kind of seed from McBeth & Kinnison that won the grand prize; always fresh and hearty, either in carloads or bushel lots. They make prompt shipments and will quote prices on request. Alfalfa is becoming widely recognized as the world's greatest forage crop.

Harper's Tools.

The C. R. Harper Manufacturing Co., Marshalltown, Iowa, as may be seen by advertisement on another page, are making special lines of tools expressly for farmers' use, consisting of malleable iron vises, malleable iron drill frames, drill bits, ball-bearing steel forges, anvils, etc. Their aim has been to make tools which will give satisfaction and that are durable. Last year they were awarded diplomas at the Iowa, Nebraska and Kansas State Fairs. We believe that this company is manufacturing a line of goods that is thoroughly dependable and it will be worth while for readers to write for catalogue. We understand they are making some special prices which are especially low. It is often the case that a piece of machinery gets a little out of order but still works all right. The farmer neglects to take it to the shop and he has to buy a new one. If he had the tools on the farm he could have done it himself and thus saved buying a new machine for a year or two. It takes but little practice for the average farmer to learn how to use the tools to good advantage. A shop is also one of the greatest enjoyments a farmer can give his boys. Most boys on the farm take great delight in working with tools. Give them good ones and the knowledge they gain will be of much benefit to them as they grow older. If you will write to me I will send you a catalogue free.

\$12.80 For 200 Eggs INCUBATOR

Perfect in construction and action. Hatches every fertile egg. Write for catalog to-day. GEO. H. STAHL, Quincy, Ill.

Burr Incubator

Up-to-date; no night watching. Perfect regulator, economical heater, price low. Test it yourself for 30 days; its ours if you don't want it; fertile eggs must hatch. Special attention to beginners. We pay freight. Catalogue free. BURR INCUBATOR CO., Omaha, Neb.

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...that are hatched in... IOWA ROUND INCUBATORS come in big numbers and are healthy and strong. Anyone can see why if they read our catalogue. Even Heat and Exact Regulation do the work right. Catalogue is Free, Ask for it. Iowa Incubator Co. 180 Locust St. Des Moines.

Royal Incubator

One Hatch Free. So easy to operate and so certain to please that we send it 30 DAYS FREE. Pay for it if you like it. Incubator, poultry and poultry supply. Catalogue FREE. Poultry paper 1 yr. 10c. ROYAL INCUBATOR CO., Drawer 66 Des Moines, Iowa.

40 DAYS FREE TRIAL

This Great Western 100-Egg Incubator is sold on 40 days free trial for \$10, to be paid for when satisfied. Positively the best incubator made; obtains most successful hatches. Best for the amateur as well as expert poultry raiser. Large Catalog free. Great Western Incubator Co. 920 Liberty St. Kansas City, Mo.

The Victor Book

tells how to make money—How to raise young chicks for early spring markets when prices are high. How to make a profit on ducks. How to feed for heavy fowls. How to make hens lay. Why not get an adequate return from poultry? Why not try modern methods this year? Why not learn about incubators and brooders from a firm who have been in business since 1867 and who know how to make satisfactory machines? Write us for the book today. It is free. GEO. ERTEL CO., Quincy, Ill.

WHY SO SURE?

It's made on the right plan, it works right. It brings best results to the beginner as well as the experienced poultry raiser. THE Successful is the nearest of all the out and out automatic machines, both incubator and brooder. They can be depended upon under all conditions to hatch the most and brood them the best. 100 pens standard fowls. Incubator, poultry and poultry supply catalogue free. Poultry paper 1 year ten cts. Des Moines Incubator Co. Dep. 83, Des Moines, Ia.

INCUBATOR

Johnson started his new Pay-for-itself hatcher last year and raised a rumour with high prices. Don't get fooled. Put your trust in Old Trusty. The incubator that is sent on 40 Days Trial Five Year Guarantee. The training he got making 50,000 other incubators enabled him to make "Old Trusty" right. Every user says it's right. No other incubator ever got in first rank the first year. You should get Johnson's Free Catalogue and Advice Book. He wrote it. Makes his success your success. M. M. Johnson Co., Clay Center, Neb.

YOU WILL TRANSFORM all fertile eggs into strong, healthy chicks by using the TRIUMPH INCUBATORS. It is thoroughly tested, built by an experienced poultry breeder, very durable, copper tanks, double walls, automatic regulator, etc. 20 days trial. 40 broods northern raised, see poultry. Prices low. Large catalog free. R. F. NEUBERT, Box 894, MANKATO, MINN.

GOOD RESULTS.

To be absolutely sure about it use the RELIABLE INCUBATORS & BROODERS. If the eggs are right, you can't make a mistake. Just follow instructions—the reliable will do the rest. OUR 20TH CENTURY POULTRY BOOK, mailed for 10c, tells all about it and other things you should know. We have 110 yards of thoroughbred poultry. RELIABLE INC., 258 E. CO., Box 13-65, Quincy, Ill.

SHOEMAKER'S BOOK on POULTRY

and almanac for 1905, contains 284 pages, with many fine colored plates of fowls true to life. It tells all about chickens, their care, diseases and remedies. All about INCUBATORS and how to operate them. All about poultry houses and how to build them. It's really an encyclopedia of chicken-dom. You need it. Price only 15c. C. O. SHOEMAKER, Box 908, FREEPORT, ILL.

MANDY LEE

Incubators and Brooders have nine brand new improvements, which make them the latest and greatest and brooders now on the market. Free catalog gives full details—proves they're best. Send for copy. GEO. H. LEE CO., OMAHA, NEBRASKA

PRESERVE YOUR EGGS.

Highest known market prices will be paid this season, inevitable: scarcity, great demand; preserve yours with my Reliable Egg Preserving Method. Keeps eggs fresh indefinitely, prevents staleness and spoiling; peerless, indispensable, economical, guaranteed. Price \$1. Order now. Send stamp for further particulars. Address, W. L. JOHNSON, Dept. N, Clarksville, Tenn.

ACME BARRED ROCKS

Always invincible. Won in all classes and championship at Kansas State Poultry Show in 1904, with scores from 92½ to 94 on individuals and 186½ for pens. Also championable at Kansas Agricultural College Show, the classic of the west. Championship and grand medal at the Kansas City show. Five yards specially mated. Choice cockerels and pullets for sale. Also eggs in season.

JAMES R. YOUNG, Manhattan, Kans.

The Barred Rock Specialist.

POULTRY TOPICS

is a handsome 24 to 40 page monthly that tells how to raise chickens. Every farm should get it. 14 years old. Sample free or a trial year for 10 cents.

POULTRY TOPICS, Lincoln, Neb.

Money Can't Buy

A Better Incubator than the OLD RELIABLE

SURE HATCH

Read the Reasons—Here are Some

The Sure Hatch is built of straight grained California Redwood, the best material known for incubators. California Redwood will not shrink or swell, warp or crack—other woods will. The Sure Hatch Water Heater has 138 square inches of heating surface—others from 15 to 30 sq. in. Abundant heating surface is absolutely essential to economy of operation. The Sure Hatch Ventilator keeps pure, warm air in circulation among the eggs all the time. Other "ventilators" skim off the air from top of egg chamber, leaving eggs surrounded with foul air (carbonic acid gas.) The Sure Hatch Regulators are automatic and keep the temperature at the proper degree. You don't have to "stand guard" over the regulator to be sure it regulates. Sure Hatch Egg Chambers are asbestos lined. The Sure Hatch sales have passed the \$50,000 mark and are climbing upward rapidly. Tens of thousands are making money with them, and so can you if you will give it a trial. The Sure Hatch terms are exceptionally liberal—60 days trial, freight prepaid east of Rocky Mountains, and money back if not satisfactory. The Sure Hatch \$100,000 Guarantee, good five years from date of purchase, is our own pledge of good faith. The Sure Hatch Catalogue of 1905 is new ready and will be sent free on request. Write at once. Address office nearest you. SURE HATCH INCUBATOR CO. Box 429 Clay Center, Neb.; Box 1429, Indianapolis.

Standard Cyphers Incubators

are guaranteed to hatch more and healthier chicks with less oil and less attention in your hands than any other, or your money back. Absolutely automatic and self-regulating. Used and endorsed by all government Experiment Stations and by America's foremost poultry raisers. Complete Catalogue and Poultry Guide, 32 pages (full), more than 100 illustrations. FREE, if you send address of two neighbors who have good poultry and mention this paper. Address nearest office. Buffalo, Madison, Chicago, New York, Kansas City or San Francisco.

The Kansas Incubator

Was recently pronounced by the U. S. T. R. to be the best incubator in the country. The KANSAS INCUBATOR is the "HONEST INJUN" incubator, built right here in our own state, up at Hiawatha. It's a warm air machine, and has no leaky copper tank to give out. Ten-year guarantee won't prevent copper tanks from leaking, no more than an insurance policy will prevent sickness. We have a special proposition to make to every-day hawkeys and fowls as a postal, immediately, and mentions the Kansas Farmer.

THE HIAWATHA MFG. CO. 51 Oregon St. Hiawatha, Brew. Co.

The Young Folks

CONDUCTED BY RUTH COWGILL.

When the Buffaloes Were Roaming on the Plains.

(Copyright.)

Yes, the wheels of time are rolling,
And it's hard to realize,
That the bright and happy days of youth
Are gone;
They have been so gently blended
With the sterner months and years,
That they glided as a river swiftly on.

But still I love to ponder,
On the days forever past
And of scenes and trials ne'er to come
Again;
When the brave and lonely pioneer,
A Monarch was in fact,
And the buffaloes were roaming on the plains.

There are those who yet remember,
How the vast and level plain
That so peacefully had slumbered ages
There,
At the foot of lofty Rockies,
Since those prehistoric days
Teemed with wild and busy life with
None to fear.

But there came from out the morning
mist
"The pale-faced man who roams"
Across the Mississippi's mighty flood
In search of gold and silver,
And a place he could call home,
But he dearly paid for what he won, in
blood.

And there's left for coming ages,
A story, incomplete,
Of the short and furious struggles, strife
and pain,
As recorded in the annals,
Of the days when Custer fell,
When the buffaloes were roaming on
the plains.

But the order, or divine command,
Is being carried out,
T'was issued on a very ancient day,
When "Multiply, replenish
And subdue ye all the earth."
Were uttered by the One whom all
should praise.

For when the evening shadows cast
From lofty mountain range,
No more the echoing war-whoops wild re-
frain
Is wafted on the breezes,
Where the Indian of the West,
And the buffaloes were roaming o'er the
plains.

And now, where once the camp-fire
Lighted up the gloom of night,
And held aloof the snarling wolf or bear;
Where the cry of war was uttered,
Or the pipe of peace was smoked,
There glitters forth the bright electric
glare.

But, the wheels of time are rolling,
And it's hard to realize
That we never can recall the time again,
When the West was called a desert
Only fit for savage race,
And the buffaloes were roaming o'er the
plains.

—J. E. Nicolay, Burlingame, Kans.

A Tale of the Old Time.

DEAR DOROTHY:—I can not blame you for writing as you did, in reply to my last letter. And though it grieved me to learn that I had hurt you so deeply, yet I was comforted also by the piquant tone of your letter, which assured me that it was chiefly your pride, rather than a deep affection which was wounded.

Since we are on this subject of love—one of the noblest and most sacred things in life, dear, remember that—perhaps you will be interested in a little story that I know to be true. If there is any comfort or help to be gotten out of it, you are welcome to it, for all the pain it gives me to recall it. And yet never a day passes that I do not recall it; for when it is spring and the violets blow, I think of the first beginnings of it, when he first came into my life, and then, as the summer comes on with its burning days and languorous nights, it is of that time of fierce struggle and unendurable pain that I think. In the hazy, pathetic autumn days I remember him in his weakness and pathetic clinging to life and me—and now in these bitter winter days—ah, me, it is my long loneliness and my never ceasing longing—

Forgive me, dear, for my poor old woman's way of beginning a story at the wrong end. You must know that this is not an easy thing for me to tell you. It was some forty-five years ago, in a State far east of here—some time I hope to take you to the old homestead. It was always full of light and laughter, for people of all ages loved to come there; and in spite of the terrible war which was going on, we young people could be gay and light-hearted—could chatter and laugh and dance, unheeding what pain the morrow might bring us.

That spring the soldiers were quartered not many miles away and one evening your father, who was already wearing epaulets—and I was very proud of him you may be sure—came home to spend the evening with us, bringing a friend with him. The stranger was an officer in the army also, and he was the finest looking man I have ever seen before or since. He was tall and dark and carried himself with a soldierly grace. I have a little miniature of him that I will show you some day. When you have seen the nobility of that fact, you will perhaps understand, dear, why my ideal of manhood is so high. I have known good and fearless men, and one true and brave beyond all my girlhood's dreaming. I was used to meeting young men of many sorts—I was used to their admiration and some half-dozen times I had fancied myself in love—girls are rather given to that fancy, are they not?—but when I met this man, and knew that he was attracted by me, then I knew that all my romantic dreams were mere shadows of the substance that had come to me. We loved each other from that first meeting—till now and till eternity. I still have the dress I had on that night. It is hid away in an old chest of drawers among leaves of lavender. Sometimes I take it out and dream and dream over it—I was very, very happy that spring, dear. I lived in a new world. The trees and the flowers and the sky had never been so beautiful, my friends were so kind. I shut my ears to the cruel war. Roland came often to our house, but I did not think whether I loved him or not—I simply lived in absolute joy. At last one day—it was the first time we had chanced to be alone together—he told me—not that he loved me. No word or sign of that had come from him. Ah, no! All the light went out of life, all the beauty out of the sky—he spoke casually, as though it could have only a passing interest to me, of his engagement. It had been a girl-and-boy affair—they had grown up together. It had been taken for granted that they would marry. They had grown up from childhood engaged. I do not know what I said or did. I think I made some light remark and laughed. I would not look at my own broken heart. I was ashamed. I thought he did not care. We soon rejoined the others.

I refused to think or feel that evening. I found my brother looking at me seriously once—perhaps my gaiety was a little wild that night. But at last when they were all gone, and the lights were out and I was alone with the stars—my dear, I am an old woman now, and the power to suffer sharply has left me, yet the echo of that pain is still in my heart to-day, and never since that night have I been free from it. . . . I could not find in my heart one reproach for him, for it was not by any desire on his part that I had loved him. He was true as steel—yes, true as steel to the end.

He came twice or thrice after that, always the same grave, courteous gentleman. For me, I tried to be to him just as before. How well I succeeded I do not know—but a woman can hide many things in her heart. He went away to the war, the cruel, savage war, and somehow after that I could not bear the careless gay life! I volunteered as a nurse and began a service both hard and sweet. One day they brought him in wounded and unconscious—I thought he was dead. I found then, dear, in a flash, that there had been some joy in life because he was in it and of it, and how infinitely dearer it is since he left it. But I took care of him quite calmly, and when he opened his eyes and looked at me, I think no sign of the tumult of joy in my heart appeared in my face. He was alive! alive! and I was with him. I did not think it—I felt it.

There were many quiet days when I sat beside him calmly. At last, one day, he was restless, and insisted upon talking—his voice was very low and weak and I had to bend down to catch it all. He talked a great deal of my home and the days he had spent there, and then, something so pathetic

in his weakness that my own wistful heart was like to betray itself. To change the subject I asked him if he would like to have me write any letters for him, to his mother. No, he said, she would soon be there with him. Then to his sweetheart? I ventured bravely. His smile was pitiful, as he said he had no sweetheart. I did not know what he meant but a warm, sudden joy flashed all over me. I saw a look in his face which had puzzled and troubled me before—what could it mean?

Then he said to me—I can not tell you the rest of it, dear. But I nursed him as faithfully as a loving woman could, and we were very happy for at last we understood one another. In the autumn, dear, when the leaves were red and golden, and the air was sweet and sad in its Indian summer, he left me and the sweet, sad, old world behind.

Have I tired you, dear? It is only an old woman's love-story, precious only to myself. But it is sacred, dear, and I have given it to you as a precious thing, hoping that it may speak something of truth and faithfulness to your young heart. If real love comes to you, cherish it and cling to it above everything else, except duty. But if a counterfeit tries to deceive you, thrust it from you as something hateful.

I can write no more to-night, dear. Write to me soon.

Lovingly your aunt,
DOROTHY DEAN.

For the Little Ones

Convenient.

Johnny was an Injun big
In feathers, paint and other rig.
His wigwam fell, and strange to tell
A paleface "Mamma!" was his yell!

Next he was a frightful bear—
Behind the sofa was his lair.
He growled until he bumped his head,
When "Boo-hoo-hoo!" was what he said.

Then he was a pirate bold,
And sailed away in quest of gold.
His bark capsized; but, lucky chap,
He swam ashore to some one's lap.

What a most convenient thing
When Injun, bear and pirate king,
As soon as troublous times annoy,
Can turn to mamma's little boy!
—Edwin L. Sabin, in Exchange.

All Helping.

"Who wants to help make the pudding?" asked Mrs. Soult the day before Thanksgiving.

"I!" shouted Georgie.

"I!" echoed little Lily.

"And I," added Aunt Mattie.

"If I am to have so many helpers, I must tell each one just what to do," said Mamma Soule. "Jean, you may bring out the things. Georgie and Lily can pick raisins. Aunt Mattie can beat the eggs. That's what she likes."

"Yes," said Aunt Mattie, "I like to beat eggs, but who'll take baby? Shall we put him into the pudding?"

"Coo! coo!" answered baby.

"He says yes. Oh! won't he make a big plum?" And Georgie, in his delight, hugged baby so hard that the coo came very near being a cry.

"I guess my darling baby boy won't be put in for a plum," said mamma, smilingly. Then she took baby in her arms. "He's so sweet he'd sweeten the pudding altogether too much."

"Would baby melt like sugar?" asked Georgie.

"No, indeed. He's too good to melt," replied mamma.

"Candy's good," said little Lily with a puzzled air—"candy melts." Mamma only laughed as she carried baby away.

Lady Visitor—"Your little girl seems to be very much taken with me, Mrs. Soule."

Mrs. Stepwell—"Yes; and she does not often take to strangers. You think Mrs. Gipper is real nice, don't you, Agnes?"

Agnes—"You said she was a cat, mamma; but she doesn't look a bit like one."—Boston Transcript.

The United States uses nearly a third more of the rest of the world put together.

TRY THE VICTOR

At
Your
Home



"HIS MASTER'S VOICE"

No Money In Advance

Special Offer to Readers of
The Kansas Farmer.

To any responsible farmer or other thoroughly responsible person we will ship

ON FREE TRIAL

Our Victor Royal Talking Machine and your choice of one dozen Victor Records. (Lowest net cash price everywhere \$20.)

If, after 48 hours' trial at your home, it is satisfactory send us \$5; balance of \$15 payable in six installments of

\$2.50 A MONTH

If not satisfactory, return machine by express at our expense and we charge you nothing; the trial is free.

REMEMBER—No bother with C. O. D. parties; no lease or chattel mortgages; no interest charged on payments. You own the instrument when you accept it, and we will trust you to pay as you agree.

\$20 is the lowest net price at which a genuine Victor Talking Machine and one dozen Victor Records can be bought today anywhere and the Victor is the best there is. Do not confuse this with toy machines. This instrument has a spring motor, oak cabinet, and the best reproducer made. It will play any disc records. Anybody can play it.

TALKS! LAUGHS! SINGS! PLAYS!

You can hear the best bands, choruses, operas, soloists, comic songs, comic recitations, etc., all in your own home. Write today for free catalogue and list of 2000 records.

THE TALKING MACHINE COMPANY,
Dept. 2 E 107 Madison Street, Chicago, Ill.

FREE to those who already own a Victor: 25 of our new, soft tone, non-scratching needles. Write for free sample package. Charges prepaid on Victor and Edison Records.

The Kansas State Agricultural College

The short courses in agriculture and dairying will begin Jan. 8, 1905 and will continue 12 weeks. The winter term of the college begins on the same date. All of the common school branches are taught each term, and classes are formed in all of the first-year and nearly all of the second-year studies each term. Write for catalogue.

PRES. E. R. NICHOLS,
Box 50, Manhattan, Kans.

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by either knitting for the trade or selling machines. Knits everything from homespun or factory yarns equal to hand knitting, also all sizes of hosiery, without seams. Only machine made with **RIBBING** for agents. **Write us** at once for catalogue and list of work which explains the advantages of this machine. **ADDITION GUARANTEED.** **Big Money** for agents. **Address:** Gearhart's Improved Knitter Co., Box 50, Cleveland, Ohio.

The Home Circle

CONDUCTED BY RUTH COWGILL.

Hawthorne.

(The following poem was written on May 23, 1864, the time of Hawthorne's burial, by Henry W. Longfellow.)

How beautiful it was, that one bright day
In the long week of rain!
Though all its splendor could not chase
away
The omnipresent pain.

The lovely town was white with apple-
blooms
And the great elms o'erhead
Dark shadows wove on their weird leaves
Shot through with golden thread.

Across the meadows, by the gray old
manse,
The historic river flowed!
I was as one who wanders in a trance
Unconscious of his road.

The faces of familiar friends seemed
strange;
Their voices I would hear;
And yet the words they uttered seemed
to change
Their meaning to my ear.

For the one face I looked for was not
there;
The one low voice was mute!
Only an unseen presence filled the air
And baffled my pursuit.

Now I look back, and meadow, manse
and stream
Dimly my thought defines;
I only see—a dream within a dream—
The hill-top hearsed with pines.

I only hear above his place of rest
The tender undertone,
The infinite longings of a troubled heart,
The voice so like his own.

Then in seclusion and remote from men
The wizard hand lies cold,
Which at its topmost speed let fall the
pen,
And left the tale half told.

Ah! who shall lift that wand of magic
power,
And the lost clew regain?
The unfinished window in Aladdin's tower
Unfinished must remain!

Some Thoughts on Home-Making.

WRITTEN BY MRS. L. D. WHITTEMORE, FOR
THE NAUTILUS CLUB.

There is no science of beauty, and yet we see many women who instinctively create schemes of successful domestic art. A beautiful home is undoubtedly a great means of education and of that best of all education which is unconscious. The special aspect of the home must first exist in the mind of the home-maker, and the little guide-posts toward that final goal can scarcely be discerned. They are felt rather than seen. A home is never created all at once and by one person. It must grow, and blossom, as plants do, and the well-rounded and beautiful family life adds its quota day by day.

Every book, or picture, every carefully selected or characteristic object brought into the home adds to the whole, and no house is complete without these evidences of family life. Perfect color schemes are desirable; correct height and size of rooms are important elements; well-proportioned furniture, and beautiful pictures, and rich hangings may all be included; but if the family line is not apparent, and the sentiment of domesticity is lacking, the whole heart of it is lacking, and it might as well not exist. To simply buy elegant or expensive things—or cheap ones—is often the most disastrous thing that could occur. The whole place—or room—must be thought out first, and the parts be selected in harmony with one another, to make the entire effect like a chord of music. A house should be furnished to suit the habits and wants of the particular family in it, for the family is the unit around which the house and all it holds should center.

Some houses have been thoughtlessly constructed, and the rooms are badly proportioned and illy lighted. Various expedients have to be devised to correct such mistakes. One very common fault in houses which date some years back is a disproportionate height of ceiling. What is needed is to secure a more cosy and homelike air by getting rid of this superfluous height. This can be done by cheating the eye into an utter forgetfulness of it. There must be horizontal divisions which attract the attention and make one oblivious to what is above. Picture moldings eighteen inches or

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two feet below the ceiling will make a ten-foot wall seem to be only eight or nine feet, and rid the room of a formal aspect. Wainscoting reaching up from three to five feet from the floor is another means of securing a strong horizontal line, and has a good effect. Perpendicular lines on a striped paper make a room seem both smaller and higher, and are to be avoided unless that effect is wanted.

A made-over house is often more interesting than one planned according to a stereotyped model. One lady devised a reception hall by cutting off the lower half of the staircase which had extended itself to within three feet of the front door, and turning it directly around, so that it ends at the back instead of the front of the hall. The two cut ends are connected by a platform, thrown across from wall to wall, and furnished with a low railing, giving a charming balcony effect. One woman, rather than live with a gaily flowered ceiling above plain walls, washed it over with a tint of cream, which only partially covering the flowers, left an indescribably light and graceful pattern, and secured a dreamy bower of beauty. This effect was half accidental, but was born of a desire for something calm enough to live with. One lady removed the brilliant, staring ornaments from her heating stove. Another, failing to find any plain oil-cloth in the stores, turned her figured square pattern-side down, leaving a plain tone exposed, which harmonized with her rug and the rest of the room. One lady chose some six-cent rolls of paper for the good, warm stone gray on the back, and had the paper-hanger paste the offensive design against the wall. Why people ever thought it a good thing to saw out quirl-a-ma-ques and glue them to the tops of beds and bureaus, where no one could reach them with a dust-brush is a puzzling question. A friendly guest once suggested the removal of some scallops from the top of the bedstead she occupied—and that was the forerunner of a dozen heroic surgical operations upon superfluously decorated furniture, adding somewhat to the kindling pile, and improving the furniture fifty per cent.

In choosing patterns and textures we unconsciously care most for those which are similar to certain natural effects, possessing change and variety of a quiet, unobtrusive sort rather than firmly defined figures with their monotonous repetition. That is why we like ingrain paper for our walls, and it explains the partiality for the soft natural variation of tone in our woodwork. 'Tis the reason we like the beautiful, soft, thick rugs woven from old carpets—no pattern at all—just gradation and variation of colors, like the leaves fallen in autumn under a great oak. It explains the charm in the old-time hit-and-miss "rag" carpets—carpets which were more beautiful when faded and softened by time and use. Changeable weaves charm us, and we enjoy the texture of denims, and burlaps, and coarse-fibered hemp for our upholstery—linens and crinkly crepe-like weaves, and the artistic matings so generally used. The same principle leads us to vary the width of the boards of a wainscotted wall. If ceiling, walls, floors, and curtains are all figured, the effect is confusing and wearisome. Some one or two of the surfaces at least should be plain. Better have all plain than all figured. Pictures show to best advantage on plain walls.

For effect is largely due to color

treatment. A room may be cheerful or sad, cosy or repellant according to the quality or force of color. Nature is prodigal of only the quiet, restful tones—using the brilliant ones sparingly. We can bring into our homes the kind of joy we find in nature in the golden-green of light under spreading branches of trees; or green-gray shadows, or the cream-rose of sunrise and sunset; or the calm and peace produced by a carpet of faded leaves, all russet and gold and green. A bit of the electric influence of the 'out-door world may be captured and made to encompass us when performing our indoor tasks. If a room is dark or has a chilly, north light, a warm yellow or orange tone used in its fitting out will make it sunny and bright. In a room which has light but no sun, some of the many reds are good. Glaring, overpowering sunlight may be modified by the use of greens and blues. These colors give a sense of seclusion and coolness, similar to that felt when coming into the shade of a tree on a hot summer day. Colors may be varied in tone—now lighter, now darker—now half hidden in some neutral tint—now bold and strong.

Individuality is the element of greatest attraction in any home. One lady is dainty and fond of light, graceful treatment, and finds delight in delicate china, slender bedsteads, airy draperies, and light, soft floor-coverings. Another one chooses heavy sideboards, shelves, seats and bookcases. One lady likes blue, and it is dotted everywhere. Another lady is dependent upon yellow. She says it is sunshine to her soul. We like the home that reveals the personality of its occupants.

Then there is the sunshine to help us. One who can feel an absolute emotion of joy in noting the play of light and shade on the simplest furnishings holds the key to much pleasure. The value of flowers is indisputable. A bright flower or growing plant may become the necessary color spot in an otherwise dull corner or side of a room.

Here is a translation from Plato.

"If thou wouldst have all about thee like the colors of some fresh picture, in a clear light, keep the eye clear by a sort of exquisite alacrity and cleanliness extending even to the dwelling-place; discriminating even more and more fastidiously. Select form and color in things from what is less select; meditate much on beautiful, visible objects. Keep ever by thee if it were but a single choice flower, a graceful animal or sea-shell."

Excellence and suitability should dictate our purchases, not cost. Buy only such things as serve some real purpose. Simplicity is the surest guide to beauty. A really good thing always has some beauty. Do not buy shams nor articles over adorned. Our cylindrical butter-jars and stone crocks, with their good gray tones and rich brown colors are more beautiful than many pretentious flowered vases.

We have the privilege of adding the human quality to our possessions. The chief value of anything is the association we hold of its maker, possessor or donor. Its history is its chief charm. Most things become more beautiful by marks of usage. Emerson says: "Youth and beauty were given us only that we might seem attractive until later in life we really become beautiful in character." And we like the signs of use in our belongings as well as in each other. Of course, I do not mean to justify misuse or abuse.

It is pleasant in entering a home to see how the arrangements and furnishings belong to the activities and doings of the people who live with them. The placing of desks, chairs, and tables, or stools and cushions may suggest the occupations of the family. They read here, sew there, draw around the lamp to read, or near the fire to visit. The signs of life have untold interest. The sight of music lying about with one or two instruments open will soothe the spirit almost as much as the song from the voice of a friend. The outfitting of our rooms may enrich and enlarge our horizon. The foreign photograph suggests the life in another land and perhaps another age.

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China or India with its hand-wrought chasing gratifies our sense of form and color no less than it leads us to perform our tasks with more loving care and patience.

In this day of numerous productions, when advertisers fill our mail-boxes with attractive prints and what-not we may allow our homes to be cluttered with many things, and become too hard pressed with the care of them. Superfluous articles may be passed on to brighten less fortunate lives, and an occasional bonfire will produce an exhilarating sense of freedom.

It is a woman's especial privilege to make a home, and her greatest joy to make it beautiful. In her wise guidance it may become the greatest instrument for good. A harmonious family life colors the soul, and is above all other harmonies and color schemes.

Louisa M. Alcott.

MRS. ALICE E. WELLS, PRINCETON, KANS.

Who was she? A sincere, common, everyday woman, who lived from November 29, 1832, to March 6, 1888. Wherein lies the charm of her writings? Why do her works live in the hearts and homes of succeeding generations? What was she, that memories of her bring pleasant reminiscences? This last question suggests the answer to all. It is what she was—pure, sincere, earnest, and simple—and her ability to reproduce herself and her experiences in simple language, that reaches the heart of the masses. She was true to her ideals. Never a church member, but always, through her life and works exerting a powerful influence for genuine truth and every-day righteousness; entirely free from bigotry, and true to the core; exemplifying the words of O. W. Holmes: "A true man's allegiance is given to the best within himself." Herself being enthusiastically loving, hearty, kind, and a genius withal, the result was invariably acceptable to acquaintances. Fidelity to home duties seems to have been her watchword. By teaching, sewing, nursing, and writing (this last was for years the least profitable, financially, of all her efforts) she helped to fill the family purse, which, through the somewhat impracticable disposition of her father (whom she almost worshipped) was a necessary part of her life. She commenced writing while in her teens, but not until 1868, when "Little Women" was introduced to the public, did she receive much recognition or compensation. Now her fame is almost universal.

[Some time ago it was proposed that readers of the KANSAS FARMER, who were interested in the different topics proposed for study for the country

clubs, should write upon them, the articles to be published in the KANSAS FARMER. In this way persons who were denied the privilege of a club, could have the benefit of work, at the same time contributing to the pleasure of other clubs. The above is the first contribution of the kind that has come to us. We hope that others of equal excellence will follow it. The topic to be outlined next week for the Kansas History program is "Guerilla Warfare in Kansas;" for the Housekeeper's program is "Sweeping and Dusting and Scrubbing." Articles on these topics will be very warmly welcomed.—EDITOR.]

Club Department

OFFICERS OF THE STATE FEDERATION OF WOMEN'S CLUBS.

President.....Mrs. Cora G. Lewis, Kinsley
Vice-Pres.....Mrs. Kate E. Applington, Council Grove
Corresponding Secy.....Mrs. Eustice H. Brown, Olathe
Recording Secretary.....Mrs. E. B. Hine, Kinsley
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Auditor.....Mrs. D. W. Wilder, Hiawatha
State Secretary for General Federation.....
.....Mrs. C. C. Goddard, Leavenworth

Our Club Roll.

Mutual Improvement Club, Carbondale, Osage County (1895).
Give and Get Good Club, Berryton, Shawnee County (1902).
Woman's Literary Club, Osborne, Osage County (1902).
Woman's Club, Logan, Phillips County (1902).
Domestic Science Club, Osage, Osage County (1888).
Ladies' Crescent Club, Tully, Rawlins County (1902).
Ladies' Social Society No. 1, Minneapolis, Ottawa County (1888).
Challitso Club, Highland Park, Shawnee County (1902).
Cultus Club, Phillipsburg, Phillips County (1902).
Literary Club, Ford, Ford County (1903).
Sabbath Club, Mission Center, Shawnee County, Route 2 (1899).
Star Valley Woman's Club, Iola, Allen County (1902).
West Side Forestry Club, Topeka, Shawnee County, Route 8, (1903).
Fortnight Club, Grant Township, Reno County (1903).
Progressive Society, Rosalia, Butler County (1903).
Pleasant Hour Club, Wakarusa Township, Douglas County (1899).
The Lady Farmers' Institute, Marysville, Marshall County (1902).
The Woman's Progressive Club, Anthony, Harper County.
Taka Embroidery Club, Madison, Greenwood County (1902).
Mutual Improvement Club, Vermillion, Marshall County (1903).
[All communications for the Club Department should be directed to Miss Ruth Cowgill, Editor Club Department.]

We are very glad that our "club of one" has adopted the plan of writing for us upon the topics given here. This plan will be of great value to those who are denied the privilege of regular club work, and we hope that many such will follow it. These papers also will be very useful to the clubs, either for help in preparing papers, or to take a place upon the program.

American Literature—Nathaniel Hawthorne.

Roll call—Quotations.

I. The Man and His Friends.
II. Hawthorne as a writer for children.
III. Reading—One of Tanglewood Tales.

IV. Some characteristics of his style.

We have here one of the most interesting subjects in the whole literary world. Whether we study the man from the personal side, or his writings for themselves, we shall be rewarded.

Topic I studies Hawthorne from the personal side. It includes his appearance, his domestic relations, as husband and father, his friendships, tastes, etc., with whatever account of his friends may come in incidentally. Topic II should be taken by one who is a mother or who has had sufficient experience with children to know their peculiar tastes and needs in the matter of mental food. She should consider the value of the "Tanglewood Tales" and the "Wonder Book" from the standpoint of both their educational and moral value; and should compare them with the writings of Miss Alcott and other writers for young people.

This should be followed by the reading of one of these stories, which will serve to illustrate the points made and may preface a discussion of them.

Topic IV is a difficult one to handle, because the charm of Hawthorne's style is illusive and intangible. Yet the paper will be a valuable one in our study, because it will teach us to think of many things when we read, and call attention rather pointedly to a rare

beauty of literary form which might not, at first, be sufficiently realized.

From Another Club.

I have just received an extremely interesting letter from Osceola, Mo., in country-club work there. The writer, Mrs. Lewis Leatt, meant the letter to be a personal one, but I am sure she will forgive me for giving a part of it to you. She says:

"We came here from Marysville, Kans., less than two years ago, but I have scarcely had a homesick feeling for the old home. We received a warm welcome when we came and very soon found companionable friends for each member of the family. Yet there are people living only a mile from us who are isolated—really in the backwoods. Through large tracts there are no open public roads and one may live a long time without ever seeing or knowing who lives a half-mile away. The old settlers here extend no welcome to the newcomers. They seem really afraid of us. The new people are mostly those of limited means who have come into the forest where the land is very cheap, have cleared out a little field and built a little log house and they have a home. The roads are hilly and rocky—extremely so; and there can be little pleasure in a trip to town of from two to seven miles, only to meet strangers in the shops or on the streets.

In taking a little business trip with my husband last spring, I chanced to meet some of these women. I found them very lonely and dissatisfied with their new surroundings and my conscience troubled me that I was so happy and content in my new home, and forming such delightful friendships but was doing nothing to bring such comradeship into their lives. I resolved to put forth an effort, and invited about fourteen ladies (all from the country) to spend a day with me in June. Eleven ladies came, and although they proved to be almost entire strangers, many never having seen any one else here, we were soon visiting right merrily together.

I had arranged for an impromptu program for the afternoon, and before we separated we had organized a club, named it the "Mothers' Circle," elected officers (I was made president) for six months, and drafted a constitution and by-laws. We have held a meeting the last Wednesday of each month since. We meet just for the afternoons and the hostess serves light refreshments, until the days grow so short we can not reach home before dark, when we change our time of meeting to 11 a. m. We visit before dinner and begin our program at 1 p. m. Our membership consists of fourteen ladies who are just full of interest and enthusiasm. The ground was covered with ice and snow, the thermometer registered something below zero, yet five of us met and had a profitable meeting. Mrs. Nelson, a trained nurse from Battle Creek Sanitarium, walked four miles and back in order to fill her place on the program. Mrs. Gabbert rode six miles on horseback.

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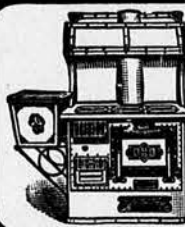
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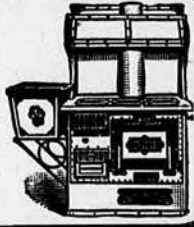
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ANNUAL MEETING OF THE STATE BOARD OF AGRICULTURE.

(Continued from page 49.)

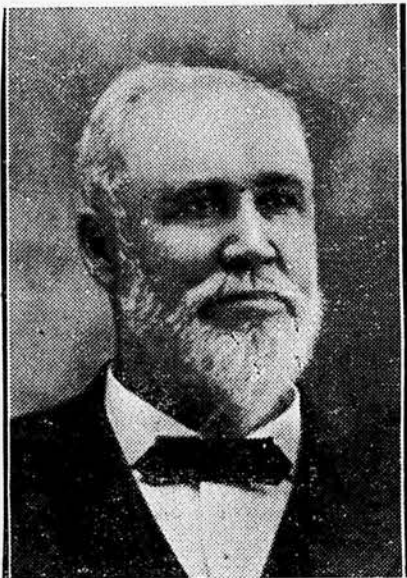
enthusiasm were believed by his companions on the board to be practically without limitations, was, in his lifetime, so genial, so courteous, and so appreciative of his friends that his demise was felt by every member as a personal loss. The case became even more sad by the disclosures made in a letter written from Kansas City to Mr. Coburn, which Mr. Churchill had left among his papers in his safe, several months before his demise, and which Mr. Coburn received since Mr. Churchill's death a few days ago. It reads:

Kansas City, August 8, 1904.

Mr. Coburn.
My Dearest of Friends:—I am struck with a mortal illness. For four months I have been fighting, oh, so hard, for life that I might live for my dear wife and little girls who need me so much. But it seems all in vain. Overwork, worry, stomach and head trouble complete the list of my afflictions. I have had the best of advice and treatment. I have tried to lead a good life, to be a good and useful citizen in my adopted State. The members of the State Board of Agriculture and its presidents and secretary have been more than generous to me, and when you meet in January, 1905, give my love to them and all others who have favored me with their friendship and confidence. And now a long farewell, farewell, Your friend,

JOHN HEBERT CHURCHILL.

Suitable resolutions were adopted expressing the sentiments of the members for Captain Churchill and for



HON. J. W. ROBISON, ELDORADO.
President Kansas State Board of Agriculture.

Mr. E. W. Longshore, who laid down his pencil after nearly a quarter of a century of faithful service in the secretary's office.

The election of officers and of successors of members whose terms had expired was characteristic of the great men who had the work to do. If there is anything that turns sadness into joy in the heart of a Kansan, that thing is an election.

Hon. J. W. Robison, of Eldorado, was placed in nomination for president. Everybody was for Robison and he was elected by a unanimous vote which the secretary was instructed to cast.

For vice-president a member nominated Hon. Edwin Taylor, of Edwardsville. All signs pointed to his speedy election by unanimous vote, when Mr. Taylor got into the game in a vigorous objection, in presenting which he stated that his term as a member would expire in a few minutes and that he was willing to be his own successor in the capacity of a member but drew the line at the vice-presidency. The great Arkansas Valley caught sight of an opportunity at this juncture and presented the name of Hon. A. L. Sponsler, of Hutchinson, for the vice-presidency. He was elected.

The care of the treasury is the joke of the board. As a department of the State Government the board needs no treasurer. But this board is the successor of the State Agricultural Society, which, many years ago, turned over its work and its money amounting to \$1.97. This amount, somehow, grew to \$1.98 during the last two years. Even with this increased re-

sponsibility Edwin Snyder, of Oskaloosa, was reelected treasurer.

The secretary is elected biennially so that Secretary Coburn holds over until next year without reelection.

The terms of the following members expired. They were all reelected: J. T. Treadway, Allen County; G. W. Glick, Atchison; Edwin Taylor, Wyandotte County; Charles E. Sutton, Russell County, and George W. Hanna, Clay Center. Mrs. Cora Bullard, of Tonganoxie, a daughter of Judge Wellhouse of this city, was elected an honorary life member.

Governor G. W. Glick made a vigorous fight against his own reelection, a fight which he has made every two years for a long time, on the ground that he ought to give way for a younger man. The members would no more hear of retiring Governor Glick than of missing a meeting. There is no more useful and no more entertaining member than the genial ex-Governor. His ideas are excellent and he is as persistent and as alert in debate as men who are his juniors by a third of a century.

When the name of Mr. Taylor was reached the joke of his self-nomination was realized. But his services on the board are so much appreciated that he would probably meet with a fate like that which befell Governor Glick, should he attempt retirement.

The proceedings of the board were extremely interesting and valuable. The KANSAS FARMER expects to present in future numbers the most important papers and discussions; so that the thousands of readers who could not attend will receive the benefit.

The board expressed its views on several public questions by means of resolutions as follows:

Resolved: That this board is in favor of the holding of a State fair annually and asks the Legislature to appropriate not less than \$25,000 for premiums for the same.

Whereas, The Kansas State Horticultural Society is working to secure the consent of the executive committee of the American Pomological Society, to hold the coming twenty-ninth biennial session of the said American Pomological Society in the State Capitol, at Topeka, Kans., and

Whereas, We, the farmers of Kansas, are most intimately connected with the horticultural interests of our State, therefore

Resolved: By the Kansas State Board of Agriculture, sitting in its thirty-fourth annual meeting, that we are heartily in favor of such action and hereby fully endorse the same, and sincerely hope that the Kansas State Horticultural Society may succeed in its efforts, which we believe will result in much pleasure and satisfaction to the American Pomological Society; and that their presence, their influence, and their work will not only strengthen our State Horticultural Society, but will also be of great benefit to the agriculturists and we hereby heartily and cordially second such action.

Whereas, There has existed and now exists wide dissatisfaction on account of recent advances in railroad charges, and

Whereas, The discriminations which have prevailed and still prevail in favor of certain shippers and certain shipping points are unjust and greatly detrimental to the general welfare, and

Whereas, There appears to be no adequate remedy for these evils short of Government authority, therefore

Resolved: That the Kansas State Board of Agriculture endorses the recommendation of President Roosevelt in his late message to Congress, and favors such powers for the Interstate Commerce Commissioners as will enable said commissioners to put into immediate effect such rates as they shall find to be just, equitable and reasonable, in any case investigated by them, such rates to remain in force until and unless set aside by the highest court to which such case shall be taken.

Resolved: That we urge our delegation in Congress to use all honorable means within their power to give legislative sanction to the recommendation of President Roosevelt upon the railroad question in his last message to them.

Resolved: That we endorse the recommendations of our esteemed Governor on the subject, and that we favor such powers for the Kansas Railroad Commissioners as will enable said commissioners to put into immediate effect such rates on transportation within this State as they shall find to be just, equitable, and reasonable, in any case investigated by them, such rates to remain in force until and unless set aside by the highest court to which such case shall be taken, and we urge upon our Legislature assembly to take such action as will fully cover the rate situation.

Resolved: That this board has watched with much interest the growth of the movement in various States of the Union to introduce the study of the elements of agriculture in the common schools. We believe this movement to be of great importance to the future of agricultural growth and progress. It promises to impart a useful basis and understanding to the sons and daughters of the farm. What is needed is the broadening of our minds and the development of our scientific knowledge.

ON CREDIT

**PLOWS,
HARROWS,
LISTERS,
CULTIVATORS,**

All kinds of Agricultural Implements direct from our factory to the farmer at factory prices—Cash or monthly payments. We trust honest people located in all parts of the world. Write for free catalogue. . . .



CENTURY MFG. CO., East St. Louis, Ill. Dept. 289

do, and a better knowledge of the complex problems which attend good farming everywhere. To this end we need to save to the farm all we can, by the processes of education, the best intellect that the farm produces. We believe this teaching of the elements of agriculture in the common schools will greatly aid this much-desired result.

Resolutions pertaining to one subject were presented, discussed and adopted before those on another subject were presented. Ample consideration was thus given to each subject. The most important of the resolutions are those pertaining to the regulation of railroad charges. If the editor had been asked to prepare an expression of his views on the subject, he could not have stated them more accurately than they are set forth in this preamble and these resolutions. They were adopted unanimously by a standing vote of this conservative body of substantial citizens. While the members were standing the chair asked those of the audience who favored the resolutions to stand. Every man in the audience arose, including the Chief Justice of the Kansas Supreme Court. It will be well for law-makers both in the Legislature and in Congress to note this expression from thinking and substantial citizens.

WRITE TO YOUR LAWMAKERS.

The resolutions of the Kansas State Board of Agriculture state briefly and broadly the latest and most enlightened views on the railroad question. It is believed that these views will soon be enacted into a law of Congress. The interests of the people will be protected as never before, while it is not anticipated that any injustice will be done to railroad interests. To hasten this desirable solution of a problem of long standing, it will be well for readers of this paper to write to their Representatives and Senators in Congress urging support of the desired legislation. To make sure of being understood, it will be worth while to copy the resolutions of the Kansas State Board of Agriculture and forward the copy with your endorsement.

The inconspicuous citizen often hesitates to urge his views upon his servants at Washington, believing that no attention will be given to him. In this he is greatly mistaken. The men at Washington are very anxious to know just what their people at home think on important measures, and they appreciate and greatly prize candid expressions from their constituents.

The Interstate Railroad Commissioners can have little if anything to do with rates for such traffic as is wholly within the lines of any one State. To illustrate: Rates from Topeka to Hutchinson, or from Wichita to Fort Scott, or from Cherryvale to Salina can not come under the jurisdiction of the National board. These can be regulated only by the Kansas Railroad Commissioners. Under present law these Commissioners can not enforce their findings, however excessive or unfair they may find charges to be. The resolutions of the State Board of Agriculture ask the Kansas Legislature, now in session, to confer the needed power upon the Kansas

Commissioners. Every farmer interested in the subject ought to write one letter to his Representative and one letter to his Senator, addressing them at Topeka, asking the enactment of the legislation recommended by the resolutions.

Farmers who use this opportunity to make their influence felt may have the assurance that they have helped to hasten conditions conducive to their own prosperity.

BLOCKS OF TWO.

The regular subscription price of the KANSAS FARMER is one dollar a year. That it is worth the money is attested by the fact that thousands have for many years been paying the price and found it profitable. But the publishers have determined to make it possible to receive the paper at half price. While the subscription price will remain at one dollar per year, every old subscriber is authorized to send his own renewal for one year and one new subscription for one year with one dollar to pay for both. In like manner two new subscribers will be entered, both for one year, for one dollar. Address, Kansas Farmer Company, Topeka, Kans.

Special to Our Old Subscribers Only.

Any of our old subscribers who will send us two NEW SUBSCRIPTIONS at the introductory rate of fifty cents each, will receive any one of the following publications as the old subscribers may choose, viz., "Woman's Magazine," "Western Swine Breeder," "Vick's Family Magazine," "Blooded Stock," "Poultry Gazette," "Dairy and Creamery," or "Wool Markets and Sheep."

The notice of dissolution of The Topeka Independent Telephone Company published last week has caused some discussion as to what the company is doing. It is merely transferring its business from a West Virginia corporation to a Kansas corporation with an increase of capital. There will be no change in the management or operation of the company.

To Whom It May Concern: The stockholders of the Topeka Independent Telephone Company have thought best to incorporate as a Kansas corporation, the organization having been originally made under the laws of West Virginia. With this end in view and in order to enlarge their capital the business has been transferred to the Independent Telephone Company, organized under the laws of Kansas. There will be no change in management or in the conduct of the business. At a meeting of the stockholders of said company held at 519 Kansas Avenue, Topeka, Kans., on Tuesday, January 3, 1905, the following resolution was adopted for the purpose of securing the dissolution of the old company:

"Be it resolved by the stockholders of the Topeka Independent Telephone Company, in general meeting assembled, that all business of this corporation be discontinued and that no further business be transacted by its officers and directors save and except such as may be necessary to wind up its affairs and conclude its operations, and to this end the president of this company is hereby authorized to cause public notice of this resolution to be made in the Kansas Farmer, a weekly newspaper published at the City of Topeka, Shawnee County, Kansas, near the principal office or place of business of this corporation once a week for six weeks, and he shall also forthwith forward a certified copy of this resolution under his hand and the seal of the corporation to the Secretary of State of the State of West Virginia."

B. F. PANKEY, President.

PILES

NO MONEY TILL CURED. 27 YEARS ESTABLISHED.

We send FREE and postpaid a 232-page treatise on Piles, Strains and Diseases of the Rectum also 100-page treatise on Diseases of Women. The thousands cured by our mild method, have paid a cent till cured—we furnish the medicine free.

DRS. WARTON & MINOR, 3909 Olive St., St. Louis, Mo.

The Leavenworth Poland-China Sale.

(Continued from page 55.)

sale last year. These sows will be bred to the new boar, The Picket, by Corrector, who was third in class at the World's Fair last fall. Besides these bred sows, Mr. Bollin will consign two gilts and three fancy young boars. Gus Aaron will also consign fifteen sows, most of whom are by Beauty's Extension, whose portrait was published in the Kansas Farmer not long since. These will be bred to Corrector's Equal, by Corrector, and Sir Darkness, by Chief Perfection 2d out of Darkness, who is the greatest sow of the breed in the world. Mr. Kirkpatrick will consign fifteen sows by his grand old herd boar, Kansas Chief, by Chief Perfection 2d, and they will be bred to Perfection Now, which he considers the best and most promising boar he has ever owned. In addition to the yearlings he puts in a few gilts, not old enough to breed, some of which are by Perfection Now, and others by the great Harmonizer, by Ideal Sunshine, that Joe Young considered one of the best boars he ever raised. Write to the owners at their home addresses for catalogues.

Col. Jas. W. Sparks.

Col. Jas. W. Sparks, of Marshall, Mo., as his address shows, is a resident of Missouri, but he is a Kansan by adoption. That is, the leading breeders of the State keep him busy most of the time selling pedigreed stock in this State, in consequence of which he feels a brotherly interest in the breeding fraternity of Kansas, and to show his appreciation has a most conspicuous auctioneer's card now running in the paper. Because as he says: "I like those Kansas breeders. They are businesslike and progressive. They want good service and are willing to pay for it. Consequently I am especially cultivating the Kansas business." Although Colonel Sparks is a young man he has had a most successful career for twelve years and during that period, has been officially connected as salesman with the most notable sales made in the United States. During that time he has cried sales in 19 States and Territories and up to the first of July, 1904, had cried 1,588 public sales. Some years he has made as high as 150 sales and each year has been showing gratifying increases. As showing Colonel Sparks' wide-spread acquaintance and popularity we might mention that these 19 States and Territories in which he has sold stock at auction include Missouri, Kansas, Nebraska, Iowa, Illinois, Indiana, Ohio, Michigan, Wisconsin, Texas, Oklahoma, Indian Territory, Mississippi, Montana, North Dakota, Maryland, South Dakota, Tennessee and Minnesota. In that time he has sold all breeds of cattle and all breeds of hogs, besides draft and road-horses, trotters, jacks, sheep, Angora goats, and we have no doubt but that he could get up on the auctioneer's stand and sell chickens as well as he does the cows and the bulls.

The secret of Colonel Sparks' success is explained by his making an exclusive business of selling pedigreed stock. His heart is in the work and he gives a service that convinces the breeder that he earns all that he pays him. There is no more popular auctioneer in America.

John W. Jones & Co., and Their Famous Fancy Herd of Duroc Jerseys.

On February 21, the above well and favorably known firm will sell at public auction 50 head of bred sows and gilts, consisting of ten very fine yearling sows, two 2-year-olds, 1 3-year-old, 3 fall yearlings, and 34 large, growthy spring gilts. In this day of public sales this firm is fully alive to the fact that to hold a successful public sale the breeder must necessarily be able to put into the sale ring animals which have the recognized and leading up-to-date, prize-winning blood and those that have the individual merit to back it up. This firm, fully recognizing this fact, have spared neither time nor money to build up a herd combining both of these essential points, and will at the above time at Concordia, Kans., in a well-lighted and heated sale pavilion, sell 50 head of the tops selected with care and mated to their six great herd boars. In this sale they will offer the best lot of sows and gilts you will have the privilege of seeing pass through a sale-ring this season. This firm held the most successful exclusive boar sale that was held last year and are now including in the offering litter sisters in some instances and dams in other cases to this royal lot of young males which they sold November 1. This herd is especially noted for their fine, strong backs, their excellent feet, their heavy bone, heavy hams and long, deep bodies, covered with a wealth of soft, straight, glossy hair of the coveted cherry-red color. It will pay you to watch these columns for further descriptions of this great herd, and you should prepare to attend this, the one great sale of the season, and start right in on the top shelf with a foundation herd, or procure some of this rich blood and breeding to improve your own herd. Watch for sale advertisement.

The F. A. Dawley Brood Sow Sale.

At Osborne, Kans., on Thursday, February 2, will be held one of the greatest Poland-China sales ever made in the West. It is a sale of tops, and includes daughters of Ideal Sunshine, Proud Perfection, G's Perfection, Stylah Perfection, Keep On, Predominant, Grand Chief, Perfect Success, Top Limer, Guy's Price, Sunflower Perfection and, in fact, the best known and most famous boars of the breed. We venture the statement that no breeder of Poland-China hogs has made

more rapid advance toward bringing a typical herd together and receiving recognition from the best breeders than has F. A. Dawley. Since his graduation from the Agricultural College he has devoted his time and attention to building up what he hopes and expects will become one of the greatest herds of the breed and he has made long strides toward success. Write at once for catalogues and get the full information about these hogs. A man who can go over to Marshall, Mo., from Central Kansas and coolly and deliberately pay \$500 for a Poland-China, surely has some good things in his herd.

The A. & P. Schnitz Poland-China Sale.

In this notice we wish to call attention to the announcement of the first annual sale from the Mill Creek Valley herd of Poland-Chinas owned by A. & P. Schnitz, of Alma, Kans. This offering will include three herd-headers, seven good farmer boars and thirty-five bred sows and open gilts. One of the herd boars, Perfect Perfection, by Proud Perfection, has been used the past year on this herd and some of the very best of the spring gilts in the sale are his get, the other boars that are in breeding and individually good enough to head good herds are sons of Chief Ideal 2d and out of a line bred Missouri's Black Chief sow by Double Chief. The sows in this offering will be bred to Perfect Perfection by Proud Perfection, and Compromise, a State Fair prize-winner and about the best boar that has changed hands in this part of the State this year. The sow offering will consist of eleven aged sows, all large, prolific and good mothers, fourteen fall yearlings, all growthy and full of promise, twelve twelve spring gilts, bred to Compromise and Chief Ideal 2d, and eight spring gilts sold open. Altogether this is a very attractive offering. Write to-day for catalogue and mention Kansas Farmer.

The Leon Calhoun Poland-China Sale.

Last year, Mr. Leon Calhoun, of Potter, Kans., placed a few of his Poland-Chinas in a combination sale, and topped the sale on average price. If memory serves, his average was near \$55. This year he will hold another sale at Atchison, Kans., on February 7, 1905, in which he will place fifty head of the same kind as those sold before. Some of the sows to be sold were sired by Leon Perfection by L's Perfection, and will be bred to either Kansas Chief 23175, Perfection's Fancy Chief 29987, or to Prince Darkness by Chief Perfection 2d and out of the great sow Darkness. This sale, with the one held at Leavenworth the day before, will enable buyers to attend both at one expense and have an opportunity to buy from the tops of four of the best herds in Kansas. See the advertisement on page 54 and write each of the consignors for his catalogue.

Percheron Registry Company's Annual Meeting.

The annual meeting of the Percheron Registry Company was called to order at two o'clock p. m., January 10, at Columbus, Ohio, thirty-one members participating. The minutes of the last meeting were read and approved. The secretary and treasurer made his report showing a cash balance of \$500, after paying the current yearly expenses, including \$3,305, offered in prizes at the World's Fair, American Royal, and International.

A committee consisting of Prof. C. S. Plumb and D. J. Grindel was appointed to audit the books and accounts and after investigation reported them correct. The following motion was ordered and passed: That the first volume of the Percheron Register for 1904 showing registrations and transfers during the year be issued. It was further resolved that the secretary should not accept any application for registration unless the pedigree of the animal showed beyond question that he was a pure-bred Percheron.

The directors and officers were reelected for another year. The directors were authorized to offer special premiums at all the largest shows in 1905 in the United States.

CHAS. C. GLENN,

Secretary.

The Weekly Live Stock Report.

The above paper, published at Chicago by John Clay, of the big live-stock commission firm of Clay, Robinson & Co., is conducting an aggressive campaign for new subscriptions, as will be noted from their page advertisement on our back cover this week. As perhaps most of our readers know, the Report is essentially a market paper, and the leader of its class, presenting very thorough and reliable reports of the trade at six leading markets each week. Besides this the paper devotes a good deal of space to interesting and valuable special articles upon subjects directly connected with the live-stock trade. The paper is well printed, on good paper, and freely illustrated with fine half-tone engravings from photographs. The Report does not copy or borrow either pictures or literary matter, but presents strictly original matter prepared by its own staff of writers, which includes such well-known names as John Clay, Dr. A. S. Alexander, S. S. Prof. John A. Craig, Will H. Ogden, H. Sutherland, and others. Any one wanting a first-class market and general live-stock weekly can not invest fifty cents to better advantage than by subscribing to the Weekly Live Stock Report of Chicago.

Gossip About Stock.

The thirteenth annual meeting of the Ayrshire Breeders' Association will be held at Boston, on Wednesday, February 8, 1905. C. M. Winslow, secretary, Brandon, Vt.

The Maple Grove Stock Farm Duroc Jerseys, owned by Dulaney & Dehrot, has the change of advertisement in which they are now offering a very desirable lot of twenty-five bred gilts. Their herd sire is Royal Top Notch.

W. H. Babst, of Auburn, Kansas (farmer), has just received a fine lot of Duroc Jersey hogs, and is now offering them at a very low price.

or in the recent purchase of the young bull, Proud Orion, a straight Cruickshank of the Orange Blossom tribe, sired by Imported Day Dream's Pride. He purchased him from F. L. Hackler, Lee's Summit, Mo.

Geo. P. Bellows, the live-stock auctioneer, Maryville, Mo., has rounded up a most highly successful year's business, and is very much gratified to announce that he has a nice number of winter and spring sale-dates booked, covering the territory from Canada to Texas. Kansas Farmer readers desiring his services will, at all times, be able to find his address in the advertising columns of the "old reliable."

Being largely interested in the land business in the Indian Territory, and wishing to give that part of his business all of his attention, G. A. Fewel, of Leeton, Mo., advises us that he will sell all of his stock for less money than they can be raised, in order to close them out quick. This is a rare opportunity to buy a first-class jack, or trotting horse at a low price, from a man that is strictly reliable. Look up the advertisement and go and see him, or write for prices on what you want. Every animal offered is registered or eligible and is guaranteed as represented.

Readers are invited to notice the change in the advertisement of G. D. Willems on page 70. The Berkshires of this herd are good ones and were sired by such boars as Lord Premier 4th, Rutger Judge 2d, Elma King, Baron Beauty, and Bachelor Boy. They also have some of the imported Biltmore blood in their herd, and have some litters by Lee's Highclere, the great boar owned by J. Frank Rhodes, of Tampa, Kans. Mr. Willems states that the Kansas Farmer is a great medium to sell hogs for him and he is delighted with the service given. In a short time he will have announcements to make regarding his pure-bred poultry which will be worth reading.

G. E. Avery, owner of Oakwood herd of Aberdeen-Angus cattle, Route 2, Riley, Kans., inserts an advertisement this week in the Kansas Farmer. Mr. Avery is a former student in the Agricultural College and is putting into practice some of the truths learned in that institution. During the last few years he has built up a nice herd of Aberdeen-Angus cattle, of which Tosco of Oakhill (52417) stands at the head. This bull is a descendant of Mayor of Estill and Gay Lad. The females in the herd are mostly Queen Mother with some Gracitides and other fashionable families. This herd was established in 1886, when this breed of cattle was hardly known in Kansas and hence it is one of the oldest herds in the State. It was selected by the professors in charge last summer, as one of the herds of pure-bred cattle to be visited and studied by the students of the Agricultural College in the class in stock-judging. There are some young bulls in this herd that are for sale at very attractive prices.

O. E. Matson, of Furley, Sedgwick County, Kansas, has been breeding Galloway cattle for fifteen years, moving his herd from Illinois to Kansas in February, 1900. His herd is headed by Excelsior 22140 bred by Thos. Bigger & Sons, Dalbeattie, Scotland, imported in dam, Miss Emily 4th of Tarbrooch 21277 (16447) by Black Prince of Durhamhill 23511 (6846). The cows trace to Crusader King 7663, Good Duke Walter 3878, Statesman 4th of Drumlanrig 3879. He has for sale a 6-year-old bull, a good breeder, weighing a ton; a 3-year-old bull, a good breeder fit to head any herd. The other bulls are yearlings large enough for service. Mr. Matson has a few high-grade cows. In September, 1904, he landed in Kansas City with his grade calves when the market was glutted and cattle hard to sell. His calves were sold in a half hour after they were offered, bringing the tops—\$3.90, steers and heifers selling together at the same price, the lightest weighing 600 and the heaviest 720, netting \$22.50 per head clear money. This shows what can be done with a registered Galloway bull and grade cows. A Galloway bull is a stamping machine—so good is his work that grades from a registered sire can hardly be told from the pure bred. In 1901 he raised two grade steers on which he won first and third at the American Royal. No one can afford to raise scrub cattle while registered Galloway bulls can be bought at the present prices.

Chas. Morrison, of Phillipsburg, Kans., who owns the biggest herd of Red Polled cattle in Kansas and one of the biggest herds of Poland-China swine, spent the week in Topeka attending the meetings of the Improved Stock Breeders' Association, the Kansas Swine Breeders' Association, and the Kansas State Board of Agriculture. Mr. Morrison is one of our brightest breeders who is carrying the gospel of good blood well into the short-grass country. His herd of Red Polls is made up of Independence, Lily Pond, Poppet, Twin Trille, and other popular strains and is headed by that great bull, Actor 7781. At the time of the writer's visit to this herd it numbered about 150 head of alfalfa-fed cattle, and when we say alfalfa-fed, we mean that they have the growth, the vitality, and the stamina so necessary in a breeding herd. There is now a bunch of choice young bulls at his place for sale that were sired by Actor, some of which give promise of becoming the equals of their sire. Prices are right at this breeding establishment. Mr. Morrison is also a breeder of Poland-China swine, and has the blood of Tecumseh, Missouri Black Chief, Ideal Sunshine and others of that quality. It is a remarkable fact that all his boars have been sold except the herd boars, but he has a few bred sows and gilts that are bred to a son of Ideal Sunshine, that he can sell. Write to him and get prices.

"I was knocked senseless when a small boy."
"Well, doesn't the doctor think you'll ever get over it?"—Cleveland Plain Dealer.

When writing to the Kansas Farmer, please mention this paper.

Allen's Lung Balsam

Cures deep seated Coughs and Colds, Croup, all Bronchial Troubles. \$1.00, 50c. and 25c. per bottle.

SEED CORN—The very best that can be had. Write for price-list. Address The Crystal Springs Seed Corn Farm, Monroe City, Mo.

CHOICE STRAWBERRY PLANTS

ONLY \$2 PER 1000. 30 varieties to select from. TWENTIETH CENTURY FRUIT FARM, Atlantic, Iowa.

BARGAINS IN SEEDS

Choice kinds of Vegetable and Flower Seeds at 2 cents per Packet. Flower Plants, 5 cents each. Many choice novelties. Don't buy until you see our New Catalogue. Mailed FREE if you mention this paper. IOWA SEED CO., DES MOINES, IOWA.

TREES

OF ALL KINDS. Save agent's commission of 40 per cent by ordering direct from us at wholesale prices. BIG DISCOUNTS OFFERED YOU. See price list, send for it now. Certificate of genuineness furnished that our stock is TRUE TO NAME. Satisfaction guaranteed. Address

WICHITA NURSERY, Box B, Wichita, Kas

NURSERY STOCK AT WHOLESALE!

We have a heavy surplus of all kinds of choice Nursery Stock to offer for spring. Send for our "PLANTERS' WHOLESALE PRICES" for spring. We will save you money.

HART PIONEER NURSERIES, Box F, Fort Scott, Kans.

LUMP JAW No Cure No Pay.

W. S. Sneed, Sedalia, Mo., cured four cases of lump jaw with one application to each throat and J. A. Keeseaman, Osborn, Mo., cured three cases with one application to each. Hundreds of similar testimonials on hand. Full particulars by mail. Write to CHARLES E. BARTLEY, Columbus, Kansas.

Dana's White EAR LABELS

Stamped with any name or address with consecutive numbers. I supply forty recording associations and thousands of practical farmers, breeders and veterinarians. Sample free. Agents Wanted. C. H. DANA, 62 Main St., West Lebanon, N. H.

FARMER'S LEDGER

This is just the book for the farmer to keep his accounts in; systematic in arrangement of accounts; covers every phase of farm accounting; shows the losses and gains at the close of the year; complete instructions and illustrations accompany each ledger; 200 pages 10x13 inches, substantially bound. Price \$3.00 by mail or express, prepaid. Write for sample sheets and testimonials. Address H. G. PHELPS & CO., Publishers, Bozeman, Montana.

FOR SALE Agricultural College Live Stock

Thirty head of imported and home-bred Shropshire ewes, 1 to 3 years old. Strong, healthy and safe in lamb. Also the Galloway herd bull, First King of Avondale 19420, calved April 9, 1900. Sire, King Hensol 9967, dam, Maid of Bellewood 12334. The Ayrshire bull, Marquis of Woodroffe 12945, calved September 27, 1900. Sire, Glencairn of Maple Grove 6973. Three young Ayrshire bulls, one yearling Red Polled bull, one Jersey bull calf, and a few Ayrshire and Galloway cows. All in good condition, well bred and sold for no fault. Prices very reasonable. Visitors always welcome. Address,

PROF. R. J. KINZER, Kansas State Agricultural College, Manhattan, Kans.

JUST ISSUED POULTRY FEEDING AND FATTENING

A handbook for poultry keepers on the standard and improved methods of feeding and marketing all kinds of poultry.

The subject of feeding and fattening poultry is prepared largely from the side of the best practice and experience here and abroad, although the underlying science of feeding is explained as fully as possible. The subject covers all branches, including chickens, broilers, capons, turkeys and waterfowl; how to feed under various conditions and for different purposes. The whole subject of capons and caponizing is treated in detail. A great mass of practical information and experience not readily obtainable elsewhere is given, with full and explicit directions for fattening and preparing for market. The broad scope of the book is shown in the following

TABLE OF CONTENTS

Thrifty Growth, Expert Chicken Feeding, Broiler Raising, Nutrition for Layers, Special Foods, To Finish and Dress Capons, The Art of Poultry Fattening, Lessons from Foreign Experts, American Fattening Methods, At Killing Time, Preparing for Market, Marketing Turkeys and Waterfowl, Finish and Shaping. Profusely illustrated, 160 pages, 5x7 1-2 inches, cloth. Price 50 cents postpaid.

Kansas Farmer Company

ZENOLEUM

Famous COAL-TAR Carbolic Dip

For general use on live stock. Good for "Piglets" Troubles" and "Zenolet" Veterinary Advisor" and many other uses. It is a prominent stockman's remedy. It is sold free. All druggists or send for it. It is sold free. All druggists or send for it. It is sold free. All druggists or send for it.

Agriculture

Seed-Corn and Cane.—Detasseling Corn.

What kind of corn makes the best yield, also what kind of cane (sorghum) makes the best yield of seed at the experiment farm? Please give yield of each. Give the price of the same if you have any for sale. Are these crops raised on bottom-land? Do you think they would yield as well on upland as far west as this? Have you tried the plan of cutting off the tassels from the corn that did not have any shoots on it and taking the seed-corn from what was left? I notice by the report from Iowa that they claim they can get a better yield by this method.

J. P. BOZARTH, JR.

Norton County.

Under separate cover I have mailed you a copy of Bulletin No. 123, being a report of the crop experiments for 1903. You will observe from the tables given in the bulletin what varieties of cane and corn gave the largest yields in the 1903 trial. Of corn we have seed of the following varieties: Hildreth's Yellow Dent, McAuley's White Dent, Silvermine, Reid's Yellow Dent, Early Mastodon, Forsythe's Favorite (white dent). The Reid's Yellow Dent, Early Mastodon, and Silvermine are medium early maturing sorts; the others are late maturing sorts, and in your part of the State it is doubtful whether it is advisable to grow them. Probably of the varieties named, Reid's Yellow Dent would succeed with you as well as any. We have a supply of seed of this variety which we will sell at \$2.50 per bushel of 70 pounds, of selected ears, or \$1.50 per bushel, 56 pounds of shelled corn, not so closely selected. Our prices for any of the other varieties named are the same. Possibly it would be better to grow some Nebraska corn rather than to get seed from as far south as this station. Hogue's Yellow Dent and Improved Leaming named in our variety trial of 1903, are medium early maturing Nebraska sorts. Later varieties for Nebraska planting are Nebraska White Prize, Golden Row, and Mammoth Golden Yellow. You can secure most of these varieties of corn from the Griswold Seed Co., Lincoln, Neb. Of the varieties of corn handled by Kansas seedsmen, probably those best adapted for growing in your locality which yield well are the Pride of the North, Kansas Sunflower, Leaming and Boone County White. Although I named the Kansas Sunflower as a late maturing sort it is not quite so late as Hildreth's or McAuley's White Dent. The Hammett White Dent given in the 1903 list is also a medium early maturing sort and proved to be one of the best yielders. The grower is P. A. Hammett, Marysville, Kans., and he has seed for sale. This would be a good corn for you to try.

As to varieties of cane, probably the Early Amber is as good for seed-production as any you can grow in your part of the State, being early and a good producer. The Kavanaugh cane would be too late a variety for you to grow as it barely matures here. Next to the Early Amber I would recommend the Coleman, Kansas Orange or Folger. You can secure these varieties from Kansas seedsmen. We have no cane-seed for sale but could supply you with a limited quantity of the Black-hulled white Kafir-corn if you desire seed of this variety. For your part of the State, however, perhaps the red Kafir-corn is preferable because it matures a little earlier than the Black-hulled white.

All of our crops are grown on upland and soil rather poor in fertility. Thus the results on your upland should be somewhat similar to the results which we obtain here, barring the difference in climate.

We have practiced detasseling the barren stalks and stalks having poorly developed ears for the past two seasons, although no data proving the benefit of this work has been secured as yet, still I believe fully in the prac-

tice. If there is anything in breeding it is certainly desirable to breed the best individuals and if the tassels which bear the pollen are removed from stalks which are undesirable for breeding, the ears which are produced will have been fertilized entirely by the pollen from the desirable breeding stalks. In this way it should be possible to breed out barrenness, unproductiveness and other undesirable qualities, or in short to produce a better strain of corn.

A. M. TENEYCK.

How and When to Sow Barley.

I intend to sow barley in the spring. What time will I sow it, what kind and how much should I sow per acre? What time is right to sow timothy seed? Please answer through your paper.

J. A. SMITH.

Greenwood County.

Barley should be sown early in the spring, about as soon as the ground is in fit condition to cultivate. The crop requires much the same culture as oats. At this station we have seeded as early as March 10 with good results, but usually I prefer to seed a little later, say about the last week in March. In Greenwood County barley can be sown a little earlier than at this station since we are located nearly a hundred miles farther north. It is usual to sow about two bushels of seed per acre.

In the trial of varieties at this station in 1903 the varieties which produced the largest yields were as follows: Common six-rowed, bearded, 33.9 bushels; Bonanza, six-rowed, bearded, 33 bushels; Mandscheuri, six-rowed, bearded, 32 bushels; Success, beardless, six-rowed, 31 bushels; Mansury, six-rowed, bearded, 29.5 bushels. The hulless varieties of barley produce the poorest yields. The largest yield from a hulless variety in 1903 was 17.9 bushels per acre, 48 pounds per bushel. In the 1904 trial the yields were as follows: Mansury, 30.5 bushels; success, beardless, 28.3 bushels; Bonanza, 27.4 bushels; common six-rowed, 26.9 bushels; Mandscheuri, 25.7 bushels. In this trial the hulless variety yielded 19.9 bushels per acre. From these trials and from my experience with the crop I would recommend the six-rowed bearded type of barley, such as the Mansury or the common six-rowed as the best type of barley to grow in your part of the State. The beardless variety, although it has yielded well, does not produce as good quality of grain as the bearded six-rowed varieties. You can secure the varieties of barley named above from almost any reliable seed company. We could supply you with a limited quantity of the common six-rowed barley at \$1 per bushel f. o. b. Manhattan.

Timothy may be seeded either in the fall or spring; as a rule I prefer early-spring seeding. This grass is often seeded with oats or barley as a nurse crop, although to insure a good stand it is safer to seed the grass alone on good clean land. By sowing in the latter part of August or the first of September in this way the timothy will usually make a good start so as to produce a good crop the following season. Unless your purpose is to produce seed, you should sow clover with the timothy. The Mammoth or Alsike clover is best adapted for growing with timothy since these varieties of clover and the timothy mature about the same time. For upland or well-drained bottom land, the Mammoth is to be preferred to the Alsike, but for low, wet land the Alsike is to be preferred. If clover is seeded with timothy, spring is the proper season to sow. A combination of clover and timothy will not only give larger yields and a better quality of hay for feeding but the clover will increase the permanency of the meadow and build up the fertility of the soil, leaving the land richer in humus and nitrogen and resulting in larger crops of grain and corn when the meadow is broken up and planted to these crops. I would recommend to seed at the rate of eight pounds of timothy and three or four pounds of Mammoth or two or three pounds of Alsike clover per acre.

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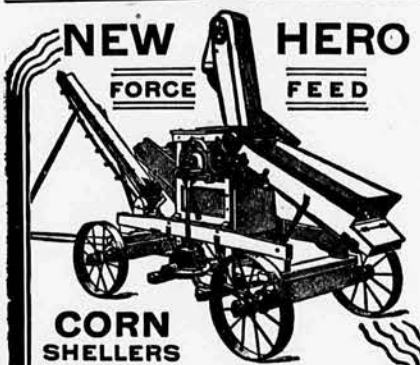
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A. M. TENEYCK.

Crops Suitable for Southeastern Kansas.

I have lately come into possession of a farm of 240 acres, eight miles south of Pittsburg, Kans., in Cherokee County. I would like to submit a list of questions to be answered. Can timothy, clover, and blue-grass be successfully grown there? How is that section for corn, oats, wheat, and barley? What time should each be seeded and what is the proper way of seeding? Would seed-corn, oats or barley that had been grown in Central Iowa do well in that section? What varieties of each succeed best there? What kind of a rotation of crops would you advise? One hundred and forty acres is broken and the balance is in pasture and wild hay meadow.

H. W. SUTTON.

Madison County, Iowa.

You should be able to grow timothy and clover, or English blue-grass or Kentucky blue-grass successfully in Cherokee County. Probably early spring seeding will be the safest to follow in putting in the grass and clover. The grass, however, may be seeded early in the fall on a well-prepared seed-bed. Corn and wheat are successfully grown in Cherokee County. The soft red varieties of wheat, such as the Fultz, Lancaster, Zimmerman, Red May, etc., are best adapted for growing in that part of the State. Oats are also grown quite extensively in Southeastern Kansas and with a fair degree of success. The Red Texas variety is perhaps more extensively grown than any other variety. Barley is very little grown at this time but I know of no reason why it may not be grown in that part of the State. I would recommend the six-rowed, bearded type, either the Mansury or the common six-rowed. Some spring wheat is grown in Cherokee County but the crop is mostly winter wheat which should be seeded about the last of September or the first of October. Oats and barley should be seeded early in the spring, probably in that section about the middle of March. Corn-planting would begin in April. I believe the lister method of putting in corn is not used so extensively in Southeastern Kansas as the level planting. The method of putting in the grain is the usual one of sowing with the drill. I would not recommend that you plant seed of corn, oats or wheat brought from Iowa; possibly the barley would be all right. It would be better for you to secure seed of the first crops named from farmers in Cherokee County or the surrounding counties. If you have a choice variety of Iowa corn or oats it may be desirable to try planting the same in a small way in Cherokee County but for the main crop I would depend upon the home-grown seed. For a system of crop rotation adapted for your part of the State I would refer you to plans proposed and discussed by two prominent farmers in Labette County, published in the KANSAS FARMER, December 22, a copy of which I have requested the editor to send to your address.

A. M. TENEYCK.

Buckwheat in Kansas.

Please give us through the KANSAS FARMER what you know about buckwheat raising in Kansas as a crop, when to sow it and how much seed per acre, how to harvest and take care of the crop. What is your opinion as to its being a profitable crop to raise?

G. A. BIDDLE.

We have not experimented much with buckwheat at this station. In 1903 a single plot was seeded late in June; the buckwheat made a fair stand but did not fill well and no record was made of the yield. June 6, 1904, two varieties of buckwheat were seeded, the Japanese and Silverhull, and another plot of the Silverhull was seeded on June 17 and another on July 1. The early seeded plots were not harvested when matured and it was estimated that fully 25 to 30 per cent of the grain was

lost by shattering. The yield of the two varieties was 10.7 bushels per acre for the Silverhull and 14.9 bushels for the Japanese. The buckwheat seeded on June 17 yielded 19.7 bushels per acre (42 pounds to the bushel), while that seeded on July 1 yielded 14.9 per acre. In this trial the Japanese variety proved to be the best yielder, while that seeded on June 17 gave the largest crop. In the 1904 trial the buckwheat made a good stand and filled fairly well as is shown by the yields. On the whole, I do not believe that the Kansas climate is favorable to growing buckwheat. However, a fair yield of grain may be secured in a favorable season, as shown by our 1904 trial. This buckwheat was seeded at the rate of about 4 or 5 pecks of seed per acre, the drill being set to sow 1½ bushels of wheat per acre. This gave rather too thick a stand. If the drill were set to sow 4 or 5 pecks of wheat per acre it would sow the buckwheat thick enough to give a good stand. I am inclined to believe that the crop should be sown earlier in Kansas than is the rule in States farther east and north. Buckwheat may be harvested with a mower by the means of a side-delivery attachment or it may be cut with a self-rake reaper. It is possible, also, to cut it with a binder but the grain will shell out badly when harvested in this way. Grown in a small way it may be harvested with a cradle, bound and set up in small shocks. Usually, however, when cut with a self-rake it is not bound in bundles but is set up in small loose shocks which are bound at the top. It should be thrashed as soon as the straw is cured and the seed is dry and hard. When cut with the mower and left in windrows it should be thrashed or stacked as soon as well cured, since the grain will be injured if allowed to lie on the ground in wet weather. I doubt whether buckwheat can be made a profitable crop for general raising in this State but it might be grown in a small way, for local or home use.

A. M. TENEYCK.

Kherson Oats for Eastern Kansas.

I would be pleased to have you tell me if you think it advisable to sow Kherson oats in this county.

Linn County. F. W. POLLMAN.

At this station the Kherson oats have averaged second in yield (37.0 bushels per acre) during the past two seasons in a trial of some twenty different varieties. The Sixty-day oats have given the largest average yield (39.7 bushels per acre), while the Texas Red oats stand third in the test (34.9 bushels per acre). The Kherson and Sixty-day oats are very much alike in type and both originally came from Russia. The Kherson oats are grown quite extensively in Nebraska and are highly recommended by the Nebraska Experiment Station for growing in the Central and Western portions of the State. I do not expect that the Kherson oats will be as well adapted for growing in Eastern Kansas as at this station or in Nebraska, but they would be well worthy of a trial in your part of the State. Our supply of seed of this variety has been exhausted, but you can secure seed from the Griswold Seed Co., Lincoln, Nebraska.

A. M. TENEYCK.

Oats With English Blue-Grass.

I saw an inquiry from a reader of the KANSAS FARMER in a late issue asking about sowing oats with English-blue-grass. Last March I sowed 200 acres of blue-grass in a stalk-field, using a wagon seeder, and put in twenty-two pounds per acre. As the land is flat and wet, we tried the experiment of adding one bushel of oats per acre on about thirty acres. The result was a splendid stand of grass, and about 320 bushels of oats; and this after being flooded by from one to four feet of water on May 29.

I found the grass a benefit in keeping rust off the oats, also in making the land firm enough to carry the binder in harvest. The seed of both grass and oats was simply disked in. In summer the mowing machine kept the weeds down.

Osage County. J. E. NICOLAS.

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In the Dairy

Experimenting With Dairy Cows.

Excerpts from Bulletin No. 125, Kansas Experiment Station, by D. H. Otis.
(Continued from last week.)

RATIONS FOR COWS YIELDING ELEVEN POUNDS OF MILK DAILY.

5. Alfalfa hay 10 pounds, corn-stover 10 pounds.
6. Corn-fodder (stover) 20 pounds, ground wheat $4\frac{1}{2}$ pounds, cottonseed-meal 2 pounds.
7. Corn-fodder 15 pounds, wheat straw 5 pounds, ground wheat 4 pounds, cottonseed-meal 2 pounds.
8. Sorghum hay 20 pounds, bran $3\frac{1}{2}$ pounds, cottonseed-meal 2 pounds.
9. Prairie hay 20 pounds, bran 3 pounds, cottonseed-meal $1\frac{1}{2}$ pounds.

COWS YIELDING SIXTEEN POUNDS OF MILK.

10. Alfalfa hay or soy-bean hay 10 pounds, oat hay 8 pounds, ground wheat 6 pounds.
11. Alfalfa hay 8 pounds, millet hay 12 pounds, bran 5 pounds.
12. Alfalfa hay 10 pounds, millet hay 8 pounds, ground wheat 6 pounds.
13. Sorghum hay 20 pounds, ground wheat 5 pounds, cottonseed-meal 3 pounds.
14. Prairie hay 10 pounds, corn-fodder (stover) 10 pounds, bran 7 pounds, oil-meal 2 pounds.

COWS YIELDING TWENTY-TWO POUNDS OF MILK.

15. Alfalfa hay 15 pounds, oat straw 5 pounds, Kafir-corn-meal 8 pounds, ground wheat $1\frac{1}{2}$ pounds.
16. Alfalfa hay 10 pounds, sorghum hay 8 pounds, ground barley 5 pounds, bran 7 pounds.
17. Sorghum hay 15 pounds, millet hay 5 pounds, bran 7 pounds, cottonseed-meal 3 pounds.
18. Corn-fodder (stover) 10 pounds, cow-pea hay 10 pounds, corn-and-cob meal 7 pounds, bran 4 pounds, soy-bean meal 1 pound.
19. Prairie hay 10 pounds, soy-bean hay 10 pounds, ground wheat 8 pounds, oil-meal 1 pound.

COWS YIELDING TWENTY-SEVEN POUNDS OF MILK.

20. Alfalfa hay 20 pounds, ground wheat 10 pounds.
21. Alfalfa hay 20 pounds, corn- or Kafir-corn meal $7\frac{1}{2}$ pounds, soy-bean meal 2 pounds.
22. Alfalfa hay 15 pounds, oat hay 8

pounds, ground wheat 7 pounds, cottonseed-meal 3 pounds.

23. Sorghum hay 10 pounds, prairie hay 10 pounds, ground wheat 8 pounds, cottonseed-meal 2 pounds.

24. Millet 10 pounds, fodder corn 10 pounds, corn- or Kafir-corn meal 4 pounds, bran 5 pounds, oil-meal 3 pounds.

The above rations enable a man to choose so that he can increase or decrease the feed in accordance with the amount of milk given by the cow. Without such knowledge, much costly feed may be wasted on cows that would not make adequate returns for it.

FEEDING ROUGHNESS.

Rough feeds, including pasture, are usually so plentiful that frequently we feed them without any idea as to what and how much will produce the desired results. Much rough feed is wasted in careless feeding. The cow will eat the best of her menu first, and if given too much will pick the most desirable morsels, leaving what might be called passably good, which too frequently is treated as waste and thrown under foot. No more hay should be given an animal than it will eat up clean. This refers to first-class quality, however, as we could not expect a cow to eat up clean a poor quality of hay. Difference in individuals will sometimes cause some cows to leave feed which others will eat, providing the roughness is in a rack or manger accessible to the whole herd. Cows can sometimes be fed too much roughness. A little experience in feeding roughness at this station furnishes a valuable lesson.

The boys working with the dairy herd were anxious to have the cows make the best possible yields, and they were tempted to give the cows all the good alfalfa hay they would eat. When we found the alfalfa hay going very rapidly we looked for the cause, and found that the dairy cows had consumed an average of forty-three pounds per head daily, besides fifteen pounds of Kafir-corn fodder. The amount of alfalfa hay was reduced to thirty-three pounds and the Kafir-corn fodder to three and one-half pounds daily per cow, and we found that the daily yield of milk was slightly increased. The quality of the hay was the same in both instances. In the latter case it was eaten up clean, while in the former considerable was hauled away and fed to dry stock. Later records show a still greater reduction in the allowance of alfalfa without decreasing the flow of milk. This experience shows some of the leaks that may take place in feeding roughness, especially when those feeds are appetizing, like alfalfa or red clover.

In feeding the rough feeds, the following table has been used by the Agricultural College as a guide:

TABLE XXII.—COMPARATIVE VALUE OF ROUGH FEEDS.

Feeds.	Total nutrients.	Protein nutrients.
Dry roughage:		
Alfalfa.....	\$1.00	\$1.00
Corn-fodder.....	.32	.19
Cow-peas.....	.97	1.02
Fodder corn.....	.40	.24
Millet.....	.64	.42
Oat hay.....	.59	.41
Oat straw.....	.33	.15
Prairie hay.....	.60	.45
Orchard-grass.....	.51	.33
Red clover.....	.70	.64
Sorghum.....	.43	.23
Soy-beans.....	.98	1.02
Mixed hay.....	.67	.50
Timothy.....	.47	.27
Wheat straw.....	.25	.08
Green roughage:		
Alfalfa.....	.34	.37
Corn silage.....	.13	.12
Fodder corn.....	.14	.09
Pasture grasses.....	.23	.24
Sorghum fodder.....	.12	.06
Soy-beans.....	.23	.30
Roots and tubers:		
Mangels.....	.10	.09
Sugar-beets.....	.14	.10
Turnips.....	.11	.08

For ease of calculation, the roughness is figured on the basis of alfalfa hay selling for \$1 per ton. When alfalfa is worth \$6 per ton the other rough feeds are worth six times the amount indicated in the table; when alfalfa is worth \$8 per ton the other feeds are worth eight times as much, and so on.

Usually we find that we can feed practically all the rough feed that the cows can eat, although, as indicated

above, with a good quality of alfalfa or clover hay they may eat more than they will consume at a profit. At this writing, alfalfa hay is selling in Manhattan at \$7 per ton. This would make the feeding values of the other rough feeds worth seven times the amount indicated in the table. Red clover, for instance, would be worth seven times 70 cents, or \$4.90 per ton; prairie hay would be worth \$3.57 per ton; and millet would be worth \$4.48 per ton. If the problem was to select the most economical roughness, we would select alfalfa at \$7 per ton in preference to red clover at \$6 per ton or prairie hay at \$4 per ton or millet at \$5 per ton. Knowing the cost of these different rough feeds, and having this table before him, a feeder can tell which is the more economical feed to use. It will be noticed that the table is divided into two parts, the first part giving the value of the total nutrients and the second one the value of the protein nutrients. It frequently happens that we have plenty of carbohydrates and fat, but are lacking in protein. In this case we would consult the second column, in order to determine what feed to buy in order to furnish the protein most economically. If it is carbohydrates and fat as well as protein that is required, as was the condition in the dry year of 1901, then we should take the first column. When it is possible to get a rough feed containing a large amount of protein, we find that in feeding a liberal allowance of roughness the grain can be reduced. Hence the importance of providing roughness rich in protein.

Pasture.—There are a large variety of grasses that furnish excellent pasture for dairy cows. The common prairie grasses seem to be especially adapted to our prairie country, and are able to withstand the effects of drouth better than tame grasses, and, where a man has this prairie pasture, it is undoubtedly better for him to keep it than to attempt to plow it up and seed it to tame grass.

Where tame grasses are desired, a most excellent pasture has been obtained at this station by seeding orchard-grass 20 pounds, English blue-grass 15 pounds, and red clover 5 pounds per acre, sown broadcast or drilled both ways on the field. This mixture is more adapted to the eastern third of the State than to sections further west.

This station has been making a test of Bromus inermis for pasture. Last fall several acres were seeded down to brome-grass on a field that had previously been in oats. The grass grew nicely, except where the volunteer oats came up, but fortunately the oats died out during the winter, and this spring the brome-grass came on in first-class shape, and is furnishing the pasture this spring and summer for a herd of young bulls. The grass is thick and has a luxuriant growth, and during the dry spell that extended through the latter part of July, 1903, it remained green and luxuriant when other grasses were drying up. Stock seem to relish this grass; it starts early in the spring, coming on nearly a month earlier than the ordinary pasture grasses; it is also a good pasture in the late fall. As brome-grass can withstand a good deal of dry weather, it is adapted to any part of the State. When cut for hay, it is greatly relished by both horses and cattle.

Green wheat furnishes an ideal pasture for dairy cows, and when there is not much danger from the Hessian fly it may be seeded early and produce considerable pasture during the fall, and will furnish excellent feed during the spring. On account of the limited amount of land available for pasture purposes, this station has not had a chance to make a comparative test of wheat pasture on the college farm, but the department has collected data from those who have pastured it, from which we quote the following:

Mr. F. L. Huxtable, Sedgwick County, Kansas, says: "Wheat makes one of the best kinds of pasture for dairy cows in early fall or early spring. The milk from cows on wheat pasture makes a fine butter, which is of a high quality. Wheat

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74 CORTLANDT ST. NEW YORK. RANDOLPH & CANAL ST. CHICAGO.

\$25.00 Cream Separator



FOR \$25.00 we sell the celebrated DUNDEE CREAM SEPARATOR, capacity 200 pounds per hour; 500 pounds capacity per hour for \$29.00; 1000 pounds capacity per hour for \$34.00. Guaranteed the equal of separators that retail everywhere at from \$75.00 to \$125.00.

OUR OFFER. We will ship you a Separator on our 30 days' free trial plan, with the binding understanding and agreement if you do not find by comparison, test and use that it will skim closer, skim colder milk, skim easier, run lighter and skim one-half more milk than any other Cream Separator made, you can return the Separator to us at our expense and we will immediately return any money you may have paid for freight charges or otherwise. Cut this ad out at once and mail to us, and you will receive by return mail, free, postpaid, our LATEST SPECIAL CREAM SEPARATOR CATALOGUE. You will get our big offer and our free trial proposition and you will receive the most satisfactory liberal Cream Separator offer ever heard of. Address, SEARS, ROEBUCK & CO., CHICAGO.

Blame

No One But Yourself if You Don't Get Well When Sick.

All we can do is give advice. Of course that's easy.

But our advice is really worth a little more to you than most people's, for we offer to give you the first bottle of our medicine free, if it fails to help you.

We could not afford to do this unless our medicine was good. Such an offer, on the wrong kind of medicine, would put a merchant prince in the poor house.

Dr. Miles' Nervine, however, as years of experience have proved, is a medicine that cures the sick.

Those whom it cannot benefit—less than one in ten thousand—we prefer to refund their money.

All we ask of you is to try Dr. Miles' Restorative Nervine for your complaint. If you suffer from sleeplessness, nervous exhaustion, dizziness, headache, muscular twitchings, melancholy, loss of memory, weak stomach, poor blood, bilious troubles, epilepsy, St. Vitus' Dance, etc., we will guarantee to benefit you or refund your money.

You are the doctor.

"My son Bert, when in his 17th year, became subject to attacks of epilepsy, so serious that we were compelled to take him out of school. After several physicians had failed to relieve him, we gave Dr. Miles' Nervine a trial. Ten months treatment with Nervine and Liver Pills restored our boy to perfect health."—MR. JOHN S. WILSON, Deputy Co. Clerk, Dallas Co., Mo.

FREE Write us and we will mail you a Free Trial Package of Dr. Miles' Anti-Pain Pills, the New Scientific Remedy for Pain. Also Symptom Blank for our Specialist to diagnose your case and tell you what is wrong and how to right it. Absolutely Free. Address: DR. MILES MEDICAL CO., LABORATORIES, ELKHART, IND.

Asthma

Cured to Stay Cured

Attacks stopped permanently. Cause removed. Breathing organs and nervous system restored. Symptoms never return. No medicines needed afterward. 21 years success treating Asthma and Hay Fever. 55,000 patients. Book Free. Very interesting.

Write P. HAROLD HAYES, Buffalo, N. Y.

VARICOCELE

SAFE, PAINLESS, PERMANENT CURE GUARANTEED 25 years' experience. No money accepted until patient is well. CONSULTATION AND VALUABLE BOOK FREE by mail or at office. Write to DR. C. M. COE, 915-B Walnut St., Kansas City, Mo.

Largest Optical Mail Order House in the West.

Eye examined free accurately by mail. Any style glasses for \$1. Write for free examination and illustrated catalogue. Satisfaction guaranteed. A. B. Oster Optical Co., 1001 Broadway, New York. Write for catalogue.

Sharples Tubular SEPARATORS

WHICH?

- | | | |
|----------------|----|----------------|
| Tubular | or | Bucket Bowl? |
| Simple Bowl | or | Complicated? |
| Izzers | or | Hasbeens? |
| Right Now | or | Were Once? |
| Waist Low Can | or | Head High Can? |
| Self Oiling | or | Oil Yourself? |
| Wash 3 Minutes | or | Wash Thirty? |
| All the Butter | or | Most All? |
| Best Butter | or | Medium Butter? |
| Tubular | or | Bucket Bowl? |

WHICH DO YOU WANT?

Tubulars are different, very different. Just one Tubular—the Sharples. All the others make bucket bowls—can't make Tubulars because they are patented. Ask for catalog B-165.



Sharples Co.
Chicago, Illinois

P. M. Sharples
West Chester, Pa.

pasture with some kind of straw or hay, and perhaps a very little grain, make an ideal ration for a dairy cow."

Mr. L. R. Sanford, Nemaha County, Kansas, writes: "My milch cows do better on wheat pasture with a little straw than any other feed I give them during the fall and spring months. At the same time the pasturing seems to help the wheat and we get a better crop thereby."

Mr. A. B. Felton, McPherson County, Kansas, says: "Our cows give a large flow of milk and keep in a good condition with nothing but wheat pasture and straw. If the season is favorable for wheat growth they get little else from November until April, except in the coldest weather, when the ground is covered with snow or when it is muddy. If care be taken not to overpasture when turning stock on while the ground is soft and muddy, and not to pasture too late in the spring, you can get as good or better crop of wheat than when you do not pasture it."

Mr. J. W. Fields, McPherson County, Kansas, writes: "Pasturing wheat is good for the wheat itself if not carried too far. It furnishes a June quality of milk and butter, and furnishes the best kind of cow pasture."

Mr. John Bitner, Barton County, Kansas, who raises from 1,200 to 1,500 acres of wheat every year, and who pastures a large herd of cattle and horses on his wheat, says that he gets as good or better crops on fields that are pastured than those that are not.

Since it is good for the wheat to be pastured and is good for the cows to do the pasturing, arrangements should be made in the wheat sections to have plenty of green wheat for the cows.

Rye is nearly if not quite equal to wheat as cow pasture, and all recommendations given in favor of wheat can likewise be given for rye. This station has pastured its dairy cows on rye with excellent results. There are some complaints to the effect that rye taints the milk, but we find that if the cows are brought in a couple of hours before milking-time and the milk aerated there is no trouble.

Dwarf Essex rape has been used at this station both for hogs and dairy cows. Neither hogs nor cattle seem to relish it at first, but after becoming accustomed to it they eat it greedily, especially if it is not allowed to grow too rank. There is some danger of cows bloating on rape. It furthermore gives the milk a peculiar odor that is somewhat difficult to get rid of even by aerating it. Rape makes a much better hog pasture than cow pasture. When wanted for cows it is better to seed the rape with oats.

For the past three years the Kansas Experiment Station has secured excellent results from pasturing green sorghum. This feed we find ready to use when the pastures are dry, and it yields an immense amount of feed from a small area. We have realized in a dry season, when hay was high, as much as \$8.20 per acre from pasturing green sorghum one month, and have the field left to produce a second crop. Notwithstanding our success in pasturing green sorghum, we do not recommend it. There are too many cases on record of deaths caused by it (sorghum poisoning), and we do not even risk our pure-bred cattle on it. While we believe that much of the trouble from green sorghum is caused by cattle going on it with empty or partially empty stomachs, yet the man who pastures it must do so at his own risk. (To be continued.)

Grange Department

The Kansas Farmer is the official paper of the Kansas State Grange.

The Parcels Post.

The National Grange has had the parcels post for one of the planks in its platform of reform demanded. It is strongly opposed by the express companies and the local merchants of the smaller towns. And now Mr. Bristow, Assistant Postmaster General, recommends what may be

THE TRIUMPHANT EMPIRE

"It Makes the Most Dollars for You"



Thirty times as many Empire Cream Separators were sold in the United States last year as were sold four years ago.

Thirty times as many dairy farmers decided last year that the Empire was the best cream separator.

Thirty times as many Empire Cream Separators are now being built at the Empire factory as four years ago.

Thirty to one represents the increase in the sales of the Empire in four years' time.

Wherever the Empire has been introduced it has become the most popular cream separator. Never in the history of the dairy industry has any machine of any kind made such rapid strides in sales and popularity.

The number of Empire Separators sold in 1903 was so great that we called it "our Banner year," but the increase in 1904 made that a double-headed Banner year, and the prospects for 1905 indicate that this is going to be a triple-headed Banner year!

Why Is This So? There Must Be Some Good Reason.

Does it not suggest to you that the EMPIRE is a pretty good sort of a separator? Could any machine make such rapid progress unless it has exceptional merit and gives universal satisfaction?

No amount of advertising and no sales organization, no matter how perfect, could have accomplished such results unless the machine they sold did all that was claimed for it.

Many users tell us the EMPIRE does much more than we claim for it.

Such rapid strides, increased sales and greater popularity speak most emphatically of merit. If EMPIRE purchasers were dissatisfied, could such increased sales possibly have resulted?

Purchasers of the EMPIRE machines must have told their neighbors that the EMPIRE was all right, or so many neighbors would not have wanted to buy the EMPIRE.

We don't claim that the EMPIRE is the "original" or "the only" separator made, but we do claim, and the records bear proof, that an investigation of its merits almost invariably leads to its purchase.

That is all we ask—an investigation.

You will find the explanation in the extreme simplicity of the construction of the EMPIRE. All needless, troublesome parts are eliminated.

This means fewer parts—less friction—easy running—easy cleaning—less oil—fewer repairs—less fuss and bother—longer life—better service—more satisfaction—bigger profits—

"The Most Dollars For You"

We don't urge you to buy an EMPIRE, however, on the judgment of others. We don't ask you to buy an EMPIRE on our say-so; all that we ask of you is that you investigate its merits and then decide for yourself. If the machine itself does not convince you that the EMPIRE is the cream separator for you to purchase, we have nothing more to say.

The EMPIRE machine itself is the best advertiser and the best salesman on our force. Our advertising and sales organizations both bow to the EMPIRE and its merits as the one great essential feature in bringing it into such universal favor.

Send us your name, tell us how many cows you milk and we will see that the EMPIRE does the rest. We have several books on dairying for you. They are free.

GOOD MEN WANTED. So many dairy farmers are asking about the EMPIRE that it becomes necessary for us to constantly increase our sales organization. We are always on the lookout for men of merit and integrity to accompany the EMPIRE to these numerous inquirers. We want only men, however, who will make this their life work and take it up with the idea well fixed in mind. If you are only looking for a job for three or four months to fill in, don't bother us with your application, but if you want, or know of any good man who wants, a permanent, twelve months in the year situation, write us.

EMPIRE CREAM SEPARATOR COMPANY, BLOOMFIELD, N. J.
Branch Office, Wichita, Kansas.

sidered as a compromise between the conflicting interests, namely, that parcels may be carried by rural mail carriers to their patrons from the office from which they receive their mail for delivery at a rate of three cents a pound or fraction thereof, with a limit of five pounds in weight. We think the limit too low and the rate higher than necessary. Newspapers and other periodicals are sent to any part of the country for a cent a pound. Why should a rate three times as high be charged for transportation of a pound of tea for a maximum distance of twenty-five miles? And yet this concession from the powers that be would be gladly received by the patrons of the rural routes, and we can see no reason why they should be opposed by local merchants or express companies.

Another recommendation by Mr. Bristow is directly in line with our demand, and that is that fourth-class mail matter be carried at third-class rates. This would reduce the postage on merchandise fifty per cent and be welcomed by us till we can get something still better. Let us all work for the parcels post. It is coming—the parcels post.

Mr. Bristow's proposal is a beginning. Every proper influence which the Grange can exert should be brought to bear at the earliest possible moment to secure this advance. If no more than has been officially recommended can be secured let that much be advocated.

The "Aftermath."

From the heaving, throbbing, strenuous times of the Alliance movement of the early nineties to the present political "clinch" is certainly a far cry, so far indeed, that most people would probably aver the cry never bridged the "chasm." But it did. While the effects of the keen and incisive, if not sometimes even venomous utterances of the commanding Mrs. Lease have probably evanished, and the inspired pleading of the ever gentle, ever beloved Mrs. Diggs will probably continue indefinitely its "leavening of the whole lump," outside of strictly Alliance lines yet the Alliance has continued annually to hold its meetings and elect its officers and perpetuate its spirit of fraternity and cooperation.

The State meeting just held in this city on the 5th inst., was a pleasant and profitable one and wound up with an enjoyable social at the pleasant home of Mr. and Mrs. Deltrich, on Huntoon and Fillmore Streets.

What seems to be a legitimate result of this Alliance spirit, that for the past eight or nine years has been growing continuously and rapidly, is the Alliance Cooperative Insurance Co., now located at 14 Office Block of this city. This company carries more than four millions of

fire and tornado farm risks in various parts of the State. Its board of directors consists of fifteen members from various sections of the State, and the five directors elected at the ninth annual meeting of the association held on the 3d inst., were: J. K. Rogers, Burlingame; Robt. Forsythe, Paola; Wm. Owen, North Topeka; C. B. Goodale, Yates Center; L. J. Boruff, Osage City.

The president of the company is Mr. W. B. Gasche, of Hartford, and the vice-president Mr. R. H. Irons, of McPherson. They have both been reelected for about the fifth time, and it was during these successive administrations that much of the present highly efficient and satisfactory conditions of the company have been reached.

The treasurer is Mr. A. B. Smith, of Topeka, and acting secretary Miss Mabel Holmes has been elected secretary, to succeed the late Mr. W. D. Gilpin.

Its reserve fund is several times the amount required by law, and is deposited in the various Topeka banks and invested in farm loans. Its six or seven thousand dollar losses of 1904 have been paid to the last cent, and quite an amount refunded to its holders of expiring policies.

There seems to be neither litigation nor complaint in sight, and with nearly thirty thousand dollars of premium notes and ten thousand dollars of reserve with which to start the new year, there appears to be nothing left to be desired by its many fortunate policy-holders.

Under existing arrangements, only farm risks and "detached" property can be carried; but the request for admission to membership by its many friends in villages and towns have been so numerous and persistent of late, that this matter has been seriously considered at its late meetings, and may lead to definite action at an early date.

The Markets

Kansas City Live Stock Market.

The past week's trade at Kansas City, especially reported by Clay, Robinson & Co., Live Stock Commission Merchants: Official receipts of cattle for the week ending Saturday were 32,444 compared with 20,371 last week and 32,162 during the corresponding period a year ago. For beef steers trade was somewhat irregular. The decline by Thursday being 25@30c on nearly all grades but put of this was recovered, leaving values 15@25c lower than the close of the week before. Very few choice beefs have come in. The supply of desirable killing cows and heifers was small all the week and prices for them closed a shade higher. Bulls declined 15@25c. Stockers and feeders suffered from the bad weather but prices were satisfactory all the week. Heavy weights sold best. Receipts of cattle to-day were 5,400. Best heavy beefs were strong to 10c higher; others steady. Cows and heifers were 5@10c higher for desirable kinds; others steady to strong. Stock cows and heifers were steady. Bulls were generally 10c higher. Veal calves were scarce and active. Stockers and feeders were quiet but unchanged.

The following prices now rule: Extra prime corn-fed steers, \$5.25@5.75; good, \$4.50@5; ordinary, \$3.75@4.25; choice corn-fed heifers, \$4.25@4.75; good, \$3.50@4.25; medium, \$2.75@3.50; choice corn-fed cows, \$3.50@4; good, \$2.75@3.25; medium, \$2.25@2.75; canners, \$1.50@2.25; choice stags, \$4@4.50; medium, \$3.25@4; choice fed bulls, \$3@3.50; good, \$2.50@3; bologna bulls, \$2@2.40; veal calves, \$5@6.50; good to choice native or Western stock, \$3.50@4; fair, \$3@3.50; common, \$2.25@2.75; good to choice heavy native steers, \$4@4.50; fair, \$3.50@4; good to choice heavy branded horned feeders, \$3.25@3.50; fair, \$3@3.25; common, \$2.50@2.75; good to choice stock heifers, \$2.25@2.75; fair, \$1.75@2; good to choice stock calves, \$3.50@4; fair, \$3@3.50.

For the week ending Saturday hog receipts were 53,445 against 46,204 last week and 46,551 a year ago. Quality was good. Values advanced 15@20c over the preceding Saturday. Receipts to-day were 3,500. The market was fairly active at steady to 5c lower rates. Bulk of sales were from \$4.50@4.75; top \$4.77 1/2.

Sheep and lamb prices continue to soar, prices now being the highest of the season. Choice lambs are quotable \$7.25@7.50; choice wethers, \$5.50@5.75; choice ewes, \$4.75@5.

Special Want Column

"Wanted," "For Sale," "For Exchange," and small or special advertisements 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—The great show breeding bull, 19th Duke of Wildwood 1481, weighs in breeding condition 2,500, 5 years old. Address Geo. Manville, Agency, Mo.

FOUR GOOD HE FORD BULLS, 15 to 20 months, at reduced prices if taken at once; also a few younger ones. A. Johnson, Clearwater, Kans.

YOUNG HOLSTEIN BULLS ready for service, \$40 to \$50 each. They are right in shape, size, color and from cows that produce from 11,000 to 12,500 pounds of 3.7 to 3.9 milk. All registered. Burton & Burton, East Seward Ave., Topeka, Kans.

FOR SALE—One thoroughbred, registered Aberdeen-Angus bull, coming 3 years old. He is a good individual and a fine breeder. Call and see him, or write to me. Z. E. Beatty, Waldo, Russell Co., Kans.

FOR SALE OR EXCHANGE for another of the same kind, a double standard Polled Durham bull, 3 years old last October. First-class in every respect. I have 35 calves from him and all hornless. R. T. VanDeventer, Mankato, Kans.

FOR SALE—Shorthorn bulls, 11 to 18 months old, sired by Godoy Butterfly 142556; one is Rose of Sharons, one Wild Eyed and one Lydia Langels; none better bred and few better individuals; each one out of an extra good big cow; will sell my herd bull, Godoy Butterfly, having used him 4 years. E. S. Myers, Chanute, Kans.

FOR SALE—Eight good, registered Shorthorn bulls, four straight Cruickshank, good ones, and prices right. H. W. McAfee, Sta. C, Topeka, Kans.

FOR SALE—4 Scotch-topped Shorthorn bulls at a bargain, serviceable age. Address, Dietrich & Spaulding, Richmond, Kans.

HOLSTEIN-FRIESIAN BULL CALVES FOR SALE—From best registered stock. Address A. J. White, Route 7, Station B, Topeka, Kans.

FOR SALE—A 3-year-old Shorthorn bull, sired by Royal Bates. Address Dr. N. J. Taylor, Berryton, Kans.

ORIOLE young Shorthorn bulls very low prices; also open or bred gilts, Poles or Durocs. M. C. Hempway, Hope, Kans.

FOR SALE—Guernsey bulls from best registered stock. J. W. Perkins, 423 Altman Building, Kansas City, Mo.

AGENTS.

WANTED—150 agents to sell American Poultry Mixture in Kansas. S. H. Seever, General Manager, Vassar, Kans.

AGENTS—Here is a corker: only pancake griddle in world that bakes square cakes and turns them; bakes six each time; 100 per cent profit. Canton Griddle Co., Canton, Ohio.

WANTED—Man with rig, in each county; salary, \$50 per month. Write to-day. Continental Stock Food Co., Kansas City, Mo.

LADIES—Our Handy Sheet Bluing and Tablet Flavoring Extract are the best made. Something new. Absolutely pure. Non-poisonous. Once tried always used. Price 10 cents each, 3 for 25 cents. Sample and circulars for stamp. J. C. COOK & CO., 275 E. Erie, Chicago.

When writing advertisers, please mention this paper.

HORSES AND MULES.

I WANT TO BUY a good jack. William Tomb, Wichita, Kans.

CLYDESDALE STALLIONS FOR SALE—One bay 4-year-old, registered, weighs 1,800 lbs. One black 2-year-old, weighing 1,400 lbs. They have good bone and action and priced cheap. For breeding and prices address A. C. Bradford, Viola, Ills.

FOR SALE CHEAP—Or will trade for cattle, my imported black Percheron stallion, Cyrus 38455; also my trotting-bred stallion Bird, a fine horse. Address Col. W. Q. Hyatt, P. O. Box 35, Carbondale, Kans.

FOR SALE—Big, bony, pure-bred Percheron stud colts, 1, 2 or 3 years old, bays, browns and blacks. D. J. Small, Hoyt, Kans.

LEAVENWORTH COUNTY JACK FARM. 5 miles north of Easton; 20 jacks and jennets for sale. O. J. Corson, Potter, Kans.

HORSES WANTED—Will trade stock in a good incorporated ranching company having an earning capacity of 15 per cent, for good horses, mares preferred. Must be in good condition. Big commission to anyone who will put up a bunch of 25 or more for us. Write for particulars to M. M. Newby, Secretary, Yukon, Okla.

EIGHT REGISTERED PERCHERON and French Coach stallion and one large black jack, cheap for cash, to close them out by April 1. H. C. Staley, breeder, Rose Hill, Butler County, Kans.

FOR SALE—Standard and registered 4-year-old stallion by Honor, also the aged registered stallions Senator Updegraff and Tumor, or will lease the aged horses. O. P. Updegraff, Topeka, Kans.

FOR SALE OR TRADE—French draft stallion, black in color, 12 years old, registered, weight 1,800 pounds, sound. One imported black Percheron, 12 years old, weight 1,600 pounds, sound. One steel gray jack, 7 years old, 15-1 hands in height, sound and good performer. One unbroken 3-year-old black jack, 15-1 hands high. Can show colts from all the above stock. What have you to offer. Am quitting the business. J. A. Marshall, Gardner, Johnson County, Kans.

FOR SALE—Registered Clydesdale stallion, will be 4 years old next May, weight 1,750 pounds, fine styled horse. J. B. Osburn, Route 2, Erie, Kans.

MULES FOR SALE—14 young mules. Address R. B. Irwin, Modoc, Kans.

TWO GOOD JACKS—To trade for Percheron mares, or western land. J. C. Strong, Moran, Kans.

FOR SALE—Black Mammoth jack, with white points, 8 years old, good breeder, can show colts, easy handled, quick service. \$175 if taken at once. A. E. Cooper, Route 1, Miami, Indian Ter.

FOR SALE—A registered black Norman stallion, weight 1,800, coming 6 years old, also a three-quarter grade, coming 5 years old, weight 1,500, a good individual and breeder. R. E. Casad, Ocheltree, Kans.

STRAY MARE—A black mare came to Wm. Cook's residence, one-half mile east of the city of Downs, Kans., on or about the 10th day of October, 1904, weight about 900 pounds, age about 8 years, worth, \$40; branded on the left shoulder, owner or owners will please come prove property and pay expenses.

SWINE.

REGISTERED DUROC-JERSEYS from families that won first prize over Poland-Chinas, Berkshires and all others at Fort Worth Fat Stock Show last year and the year before; young boars ready for service at \$6 to \$10 each. E. S. Burton, East Seward Ave., Topeka, Kans.

FOR SALE—Boars for immediate use. Sons of Perfect I Know, out of daughter of Ideal Sunshine. Geo. W. Maffet, Lawrence, Kans.

DUROC-JERSEYS—Forty-five fine gilts bred to best males. John Schowalter, Cook, Neb.

FOR QUICK RETURNS—11 of the very choicest breeding of Duroc-Jersey boars from premium stock, April farrow, color right, ears right, head right, and all right or money back; special price for the next 30 days. F. L. McClelland, Route 1, Berryton, Shawnee County, Kans.

WANTED—Farmers to use the latest patented husking hook. You can husk more corn with it than any other. Sent by mail, price 35 cents. Address A. W. Toole, 609 North Fourth Street, St. Joseph, Mo.

TAMWORTH PIGS FOR SALE. J. H. Glenn, Wallace, Kans.

FOR SALE—2 choice Hereford bulls, 22 months old; something good. Call on or address A. Johnson, Route 2, Clearwater, Sedgewick Co., Kansas.

POULTRY.

WHITE WYANDOTTES—50 choice cockerels for sale. Prices reasonable. Eggs, \$1 for 15. S. W. Artz, Larned, Kans.

A LIMITED NUMBER OF CHOICE WHITE Wyandotte cockerels for sale, at \$1 each. Mrs. C. E. Williams, Irving, Kans.

M. B. TURKEYS—Young toms and pullets; large-boned, healthy stock. Call and see them, or write for description and prices. J. E. Miller, Pawnee Rock, Barton County, Kans.

FOR RENT—Stock ranch, chicken or dairy farm, both for term of years; also 180 acre stock and grain farm. Buckeye Agency, Route 2, Williamsburg, Kans.

SEEDS AND PLANTS.

SEED CORN—Hildreth Yellow Dent easily ranked first as the best producing variety. Bulletin 123. Write C. E. Hildreth, Altamont, Kans.

FOR SALE—Emmer (speltz), extra quality; order early. Willard A. Miller, R. 2, Rantoul, Kans.

50,000 TREES AT HALF PRICE—First-class apple, plum, cherry. Plants, shrubs at wholesale. Peach trees, \$10 per thousand. Freight prepaid anywhere. Catalog free. Seneca Nursery, Seneca, Kans.

HONEY—New crop, white, 3 cents per pound. Special price on quantity. A. S. Farson, Rocky Ford, Colo.

WANTED—Cane, kadi, millet, alfalfa, clover, English blue-grass and other seeds. If any to offer send samples and write us. Missouri Seed Co., Kansas City, Mo.

FOR SALE—New crop alfalfa, timothy, clover, English blue-grass and other grass seeds. If any to offer, please send samples and write for prices. Kansas Seed House, F. Barteldes & Co., Lawrence, Kans.

WANTED—New crop alfalfa, red clover, timothy, English blue-grass and other grass seeds. If any to offer, please send samples and write for prices. Kansas Seed House, F. Barteldes & Co., Lawrence, Kans.

SEEDS AND PLANTS.

FOR SALE—Speltz, 70c bushel; macaroni wheat, \$1.10 c. b. Wheeler & Baldwin, Delphos, Kans.; or S. B. Wheeler, Ada, Kans.

ENGLISH BLUE GRASS SEED FOR SALE. Reference First National Bank. Address J. G. Hinshel, Eureka, Kans.

FARMS AND RANCHES.

SOME GOOD BARGAINS—160 acres, 40 acres bottom, fine orchard, \$3,800; 320 acres, \$4,000 worth of improvements, \$6,500; 320 acres, 70 acres bottom, well improved, \$8,200; 240 acres nice smooth land, good improvements, \$3,800; 400 acres, 170 acres of first and second bottom in cultivation, \$5,000; 444 acres, 110 acres in cultivation, \$11 per acre, one-fourth cash, balance to s. it. Grass land in any sized tract from 160 to 4,000 acres, from \$10 to \$12.50 per acre. Try us. Garrison & Studebaker, Florence, Kans.

WANTED—To trade for land, some good, registered draft stallions, worth the money. A. C. Hawthorth, Lewis, Iowa.

IMPROVED FARMS, ranches, alfalfa farms, pasture lands, Osborne, Russell, and Rooks Counties, Kansas. Mercantile stocks to sell or trade. Correspondence solicited. Write to-day. Otis & Smith, Natoma, Osborn County, Kans.

FOR SALE—160-acre well-improved farm, 2 1/2 miles of Whiting, Kans., 6-room house, barn, 60x60, 90 feet of cat e shed, hog house 16x60, 100 feet feed shed, 8 acres apple orchard, 4 acres alfalfa, 25 log pens, 5 acres timber and blue grass pasture; also bottom farm land; price \$65 per acre. F. C. Purdy, Sterling, Kans.

FOR RENT—320-acre farm, all under cultivation, four-room house, plenty of good water, good fence. Apply to T. M. Truitt, Osage City, Kans.

160-ACRE BOTTOM FARM, 1 1/2 miles from Abilene, well improved; price \$50 per acre. Write for list. J. H. Speer & Co., Abilene, Kans.

FOR SALE—200 acres fine pasture land, 175 acres of it is mow land, two miles from Alma, living water, all land well fenced. This is a bargain if taken soon. Call on or address Mrs. M. A. Watts, Alma, Kans.

WANTED—Buyer for improved 160 acres, near Washington, Kans. Send for Duroc-Jersey swine catalog. Sale Feb. 13, 1905. G. Wertman, Washington, Kans.

GOOD BOTTOM FARM FOR CASH RENT—147 acres, 7 miles from Emporia. Address J. M. Rhodes, Emporia, Kans.

MARION COUNTY BARGAINS—160 acres, 6 1/2 miles from county seat, 4-room house, barn 44 by 18 feet, with shed addition, 11 acres alfalfa, 40 acres pasture with spring, balance all good farm land, part bottom. Price, \$5,200 400 acres, finely improved, all good land except 20 acres, which is a little stony, will sell on easy terms, or will take smaller farm as part payment. All kind and sized farms for sale. Let me know what you want to buy, sell or trade. A. S. Quisenberry, Marion, Kans.

YOU CAN GET RICH RAISING FRUIT, GRAIN AND HAY in the Grand Valley. Some good land left at \$30 per acre. Winters are warm and mild. Write for descriptive literature. M. G. Woolverton, Grand Junction, Colo.

MARION COUNTY REAL ESTATE. 80 acres; 50 acres in cultivation, 10 acres alfalfa and orchard; frame house of three rooms, all kinds of outbuildings; handy to school and near to market. Price, \$2,100.

160 acres; 80 in cultivation, nearly all under fence, 20 acres alfalfa; house, stable, granaries and all kinds of outbuildings; 3 miles from Marion, and is a bargain at \$20 per acre.

320 acres of magnificent grass land near this city for \$4,500. Write for descriptive folder.

W. P. MORRIS, Marion, Kans.

LAND FOR SALE. In western part of the great wheat state. H. V. Gilbert, Wallace, Kans.

VIRGINIA FARMS—\$5 per acre and up with improvements. Address Farm Dept., N. & W. Ry., Roanoke, Va.

FARMS For rich gardening and fruit-growing. Write J. D. S. Hanson, Hart, Mich.

FARMS and RANCHES WHEAT LANDS KANSAS \$6 to \$10 PER ACRE

Splendid sections combined farming and stock raising. \$1.75 to \$5.00 Per Acre. Kansas, Colorado and Nebraska. Only one tenth cash. Best land bargains in West. Ask B. A. McALLISTER, Land Commissioner, Dept. F., U. P. R. R. Co., Omaha, Neb.

I CAN SELL YOUR FARM, RANCH OR BUSINESS, no matter where located.

Properties and business of all kinds sold quickly for cash in all parts of the United States. Don't wait. Write to-day, describing what you have to sell and give cash price on same. A. P. TONE WILSON, Jr., Real Estate Specialist, 413 Kansas Ave. Topeka, Kans.

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no matter where it is or what it is worth. Send description, state price and learn our wonderfully successful plan. Address

Southern Minnesota Valley Land Co., MADEIRA, MINN.

FARM LOANS

Made direct to farmers in Shawnee and adjoining counties at a low rate of interest. Money ready. No delay in closing loan when good title is furnished and security is satisfactory. Please write or call.

DAVIS, WELLCOME & CO., Stormont Bldg., 107 West 6th, Topeka, Kans.

CASH For Your Real Estate I Can Sell It; I MEAN IT

Send me Description and LOWEST CASH PRICE

W. E. CLARK, Artesia, N. M.

Send me Description and LOWEST CASH PRICE

FARMS AND RANCHES.

"WE CAN SELL"

Or trade your farm, merchandise, or other property. Write description and price of what you have to sell. Tell us what you want to buy or trade for.

SOUTHERN KANSAS REALTY CO., Elk City, Kans.

IN THE HEART OF THE CELEBRATED PECOS VALLEY

Come to the Artesian District of the Pecos Valley.

Government lands, assignments, relinquishments, deeded lands, Alfalfa, apples; cattle range, town lots, etc.

WM. E. CLARK, Artesia, N. M. (On Pecos Valley Branch of A. T. & S. F. R. R.)

MISCELLANEOUS.

FOR SALE—12-horse gas engine, nearly new. Guaranteed to work or no pay. A bargain. Address F. C. Purdy, Sterling, Rice Co. Kans.

WANTED—Right away: a girl to assist with housework; good home, wages, and school if desired. Address at once Langley Stock Farm, Morland, Kans.

WANTED—Good strong country girl for housework, one that can do plain cooking and that is willing to learn; good wages, private family. Address Mrs. A. B. Quinton, 1248 Topeka Ave., Topeka, Kans.

WE HAVE THE GOODS—We can suit you in quality and price. A satisfied customer is our best advertiser. Send to day for our free catalogue of hundreds of useful and ornamental articles, suitable for the farm, workshop and home. We are especially the housekeeper's friend and can make her life happy. Don't delay. Write now. Columbian Novelty Co., Dept. A, 3059 Twenty-fifth Street, San Francisco.

BUSINESS OPPORTUNITY—Wanted in our great co-operative system, men who want to start in business for themselves. Men who are capable of building a fortune on the foundation we have laid in establishing the great Kenworthy Co-operative Employment system that must reach every city in the United States, with an office which shall be one of the great family, whose home office is Wichita. This, as one great checker board, (and all our partners are the players), we see every move, and in accordance we cause a move to either supply their deficiency in help, or relieve them of a surplus they cannot place. In this way every office always has business. We own the furniture, we furnish all the printed material, we furnish a book of instructions how to run an employment business that has taken us, by actual practice, twenty years to learn. We give you three-fourths of the profits of the business, and it will not cost you one dollar for all this. Now, will you become a junior member of the great Kenworthy Employment System? Which, if you do your part, will pay \$2,000 to \$5,000 a year. Address Kenworthy Employment Co., Wichita, Kans.

HONEY—Old-fashioned, best white, such as you used to get "back East" 60-lb. can, \$4.80; two, \$9.50. C. A. Hatch, Richmond Center, Wis.

EVERY housewife needs it—Ever-Ready Mending Tissue. No needle and thread; no sewing; mends all fabrics. Big seller for agents—10 cents. C. E. Field, Fitzwilliam, N. H.

WANTED—Salesman to call on grocery trade, \$75 per month and expenses. Enclose stamped envelope for reply. Buffalo Chemical Co., Buffalo, N. Y.

FOUR GREAT MARCHES FOR PIANO OR ORGAN—"Old Fellows Grand March," "Dolores Twostep March," "California Commandery March" and "St. George Commandery March." 15 cents each or the four for 50 cents. If you are not pleased I will return stamps on receipt of music. Offer good for sixty days. Mention Kansas Farmer. Address Isaac Dolos, Indianapolis, Ind.

WANTED—Young men to learn Telegraphy and Railway Business. W. J. Skelton, Salina, Kans.

FOR SALE—Second-hand engines, all kinds and all prices; also separators for farmers own use. Address, The Gelsner Mfg. Co., Kansas City, Mo.

PALATKA—For reliable information, booklets and other literature, address Board of Trade, Palatka, Fla.

The Stray List

For Week Ending January 5.

Cherokee County—W. H. Shaffer, Clerk. MULE—Taken up by Samuel Sparks, in Shawnee tp. (P. O. Messer), Dec. 18, 1904, one black mule, 18 months old, 12 1/2 hands high; valued at \$40.

Woodson County—J. P. Kelley, Clerk. STEER—Taken up by Silas Nacer, in Center tp. (P. O. Yates Center), Dec. 8, 1904, one red and white Hereford steer, double under cut in right ear; valued at \$20.

Russell County—F. Smith, Clerk. CALVES—Taken up by Emanuel Kell, in Lincoln tp. (P. O. Russell), December 10, 1904, one red and white faced heifer, 4 feet high, piece of right ear cut off; also one red yearling heifer, with white stripe on back; valued at \$9 each.

For Week Ending January 12.

Cherokee County—W. H. Shaffer, Clerk. MULES—Taken up by J. B. Goodrich in Lyon tp. (P. O. Keelville), Dec. 17, 1904, one dark brown mare mule, about 3 years old, weight about 700 pounds, mane and tail untrimmed; one 4-year-old dark iron-gray mare mule, weight about 750, sore neck, mane and tail trimmed, harness marks; one dark brown mare mule, about 3 years old, weight about 700 pounds, mane and tail untrimmed, rather shy; one light bay mare mule, weight about 700 pounds, mane and tail untrimmed, rather shy; one light bay mare mule, weight about 750 pounds, mane and tail untrimmed, rather shy; valued at \$40 each.

Brown County—J. B. Whitmer, Clerk. STEER—Taken up by Mrs. Angie Gardner, in Walnut tp., one red yearling steer, cut in left ear; valued at \$20.

Crawford County—John Viets, Clerk. COW—Taken up by Anderson Fox, in Crawford tp. (P. O. Girard), Dec. 12, 1904, one 6-year-old light red cow, weight about 850 pounds, underbit out of ear, small white spot back of right front leg, small white spot on right hind leg, also small white spot on inside of right hind foot; valued at \$12.

Week Ending January 19.

Johnson County—Roscoe Smith, Clerk. HOGS—Taken up by Timothy Halre, in Mission tp. (P. O. Lenox), Jan. 9, 1905, 5 sows and 1 boar valued at \$25.

Allen County—J. W. Kelo, Clerk. STEER—Taken up by C. L. Downs, in Cottage Grove tp. (P. O. Humboldt), Dec. 17, 1904, one red Polled 2-year old steer.

Butte County—W. H. G. Clark, Clerk. COW—Taken up by A. M. G. Clark, in Butte County, Jan. 12, 1905, one 1-year-old cow, weight about 700 pounds, mane and tail untrimmed, rather shy; valued at \$20.

The Fourth Annual Grand Four Days' Combination Sale

Wichita, Kans., February 1, 2, 3, 4, 1905

Percheron Horses, Feb'y 1, 1905

50 Head Registered Stallions
and Mares

Consigned by

J. W. and J. C. Robison, Towanda, Kans.,
World's Fair Winners and First Prize
Winners of six State Fairs.



Shorthorn Cattle, Feb'y 2, 1905

50 Registered Shorthorn Bulls,
Cows and Heifers

Consigned by

J. W. & J. C. Robison, Towanda, Kans.; J. F. Stod-
der, Burden, Kans.; S. C. Hanna, Howard, Kans.
The best lot ever offered for sale in the West.



Hereford Cattle, Feb'y 3, 1905

50 Registered Herefords

Consigned by

Robt. H. Hazlett, Eldorado, Kans.; C. A. Stan-
nard, Emporia, Kans.; Joseph Condell, El-
dorado, Kans.; Mrs. Kate W. Cross, Em-
poria, Kans. A first-class offering from
four of the leading herds of the State.



Poland China Hogs, Feb. 4, 1905

60 Thoroughbred Poland-
Chinas

Consigned by

Snyder Bros., Winfield, Kans., and H. E.
Lunt, Burden, Kans.
Snyder Bros. have reserved the very best
they had for this sale.



Reduced rates on all railroads. Sale held under cover beginning at 12.30 p. m. each day at Riverside Sale Barn, Divers' Stock Yards, one block west of Missouri Pacific depot. Apply to any of the consignors for catalogue of day's sale wanted. For further information address

Auctioneers: J. W. Sparks, R. L. Harriman, W. M. Arnold, Bert Fisher.

J. C. ROBISON, Mgr. Towanda, Kans.

BUFFALO VALLEY HERD OF POLAND CHINAS.

GRAND CLOSING OUT SALE!

Concordia, Kansas, Wednesday, February 1, 1905.

75—BROOD SOWS, SPRING SOWS AND GILTS—75

By Chief Perfection 2d and Perfect I Know. Also the Herd Boars Perfect I Know 4th, Lady's Man by Proud Boy and Lampblack by Lamplighter. All in excellent breeding condition. Breeders from a distance stop at Colson's Hotel, Concordia, at my expense. Free lunch at farm.

Free train on Santa Fe from Concordia to Farm at 10 A. M.

COL. LAKE BURGER,
COL. JOHN BRENNAN,
COL. G. B. VANLANDINGHAM, } Auctioneers.

Write for Catalogue to

ROBERT HANSON,
Route 3, Jamestown, Kans.

Send bids to either Auctioneer or to I. D. Graham of the Kansas Farmer.

GREAT PUBLIC SALE OF

**50 POLAND-CHINA
BRED SOWS and GILTS 50**

At the New Sale Pavillion

Hope, Kans., Tuesday, Jan. 31, '05

This will be a very topky offering, representing the blood of the most fashionably bred families, and bred to prize-winning boars.

The following breeders contribute: S. H. Lenhart, Hope, Kans.; M. O. Kilmer, McPherson; J. H. Cutter, Junction City; M. M. Keim, Wakefield; A. B. Dille & Son, Edgerton, and others.

All lovers of good Poland-Chinas are requested to send for our catalogue and are invited to attend the sale.

For catalogue address

S. H. LENHART, Hope, Kans.

Cols. Jas. W. Sparks, Lee Stagg, H. R. Little, Auctioneers.

MILL CREEK VALLEY HERD

GRAND SALE OF

Registered Poland-Chinas

At Alma, Kans., Monday, February 6, 1905.

FORTY-FIVE CHOICELY BRED SOWS AND GILTS—The blood of Perfect Tecumseh, Corwin, U. S., Sunshine, and others of up-to-date breeding. Sows and gilts bred to Perfect's Perfection 29222, an extra good son of Proud Perfection; to Compromise 88203, a choice son of Ideal Sunshine, and to Ideal U. S., a son of Chief Ideal 2d. All in the finest condition. Perfect's Perfection and Ideal U. S. will be sold.

Sale under cover. No postponement. Farm two miles northeast of Alma. Sale begins at 1 o'clock sharp. Buyers met at trains at either Alma or McFarland. Write for catalogue and come to the sale.

A. & P. SCHMITZ, Alma, Kans.

Cols. Bert Fisher and H. B. Channell, Auctioneers.

Mail bids may be sent to either auctioneer, or to I. D. Graham of the Kansas Farmer

Meddler, Mischief Maker, Corrector and Corrector 2d

Are the four greatest boars in the world,
excepting Chief Perfection 2d.

The first opportunity to buy sows bred to the "Big 4" will be

Tuesday, January 24, 1905, at Mastin, Kans.

Sixty selected sows and gilts, sired by Mischief Maker, Corrector, Proud Perfection, Chief Perfection 2d, Lamplighter, Ideal Sunshine, Missouri's Black Chief, and others of equal note, all bred to the champion boars above named. You won't be in style next fall unless you have a litter by one of the two World's Fair winners, Meddler and Corrector 2d.

HELEN PERFECTION.

By Chief Perfection 2d, full sister to Maple Lawn Chief and Sure Perfection; 1st and 2d in aged class, St. Louis.

MISS ATTRACTION,

By Corrector; dam Lady Louise; litter sister to Meadow Maid.

PERFECT DARKNESS 2D,

By Keep On; dam Darkness U. S., she out of Old Darkness.

MISS INCOME,

Full sister to the first prize sow, Narcissus, at World's Fair.

MISS DAYLIGHT,

Dam the champion sow at American Royal—Violet 2d.

MELBANA,

By Corrector; dam Carmen, junior champion sow American Royal 1902.

MISSOURI ECHO,

By Missouri's Black Chief; dam Early Sunshine by Ideal Sunshine.

FANCY SUNSHINE,

Topped T. R. Wilson's 1902 sale at \$360.

LADY OAKWOOD,

Dam of the champion sow, Carmen.

The above are a few, only, of the many attractions. These sows have been fed right, are in just the right condition to do the buyers good. We extend a cordial invitation to all to attend. Write at once for catalogue.

WINN & MASTIN, Proprietors, Mastin, Kansas.

Auctioneers: Cols. H. O. Correll and D. P. McCracken.

The Duroc-Jersey Event of the Year

Northeast Kansas Circuit Sales

By five of the largest and best-known breeders of Duroc-Jerseys in Kansas. Sales conducted by Col. T. C. Callahan, Omaha, Neb., and Col. G. B. Valandingham, Concordia, Kans., to whom mail bids may be sent in care of the owners. Mail bids may be sent to I. D. Graham, of the Kansas Farmer.

Geo. Kerr, Sabetha, Kans., Jan. 30, 1905

45 Bred Sows and Gilts, mostly bred to Crimson Wonder 2d 23475, Leader 32477, Good Enough 18276, Topeka Chief 23335. Sows equally well bred and in good condition. Send for catalogue.

C. E. Pratt, Frankfort, Kans., Feb. 1, 1905

40 head—15 tried Brood Sows, 15 Fall Yearlings, and 10 large Spring Gilts, bred to St. Paul 10745, Field Marshall Jr. 21097, Pratt's Duroc 32893, and Pratt's Perfection 32897. All well bred and gilts fine and growthy. Ask for catalogue.

J. B. Davis, Fairview, Kans., Jan. 31, 1905

50 Bred Sows and Gilts, bred to Onward and Shamrock. Blood of Monarch 28395 by Ohio Chief, champion at Chicago; Duroc Challenger, Duroc King, Cant Be Beat, Top Notcher, and others of equal quality. Best offering I have ever made. Catalogues on application.

John O. Hunt, Marysville, Kans., Feb. 2, '05

42 head—12 tried Brood Sows and 30 Gilts. World's Fair prize-winning blood. Hunt's Model 20177, fourth prize at St. Louis; Chief Orion 28817, stood in first prize get of sire and produce of dam. Gifts by Hunt's Model are bred to Chief Orion. All in fine condition. Catalogue free.

W. F. Garrett, Portis, Sale at Concordia, Kans., Feb. 3, 1905

80 Sows and Gilts and a few boars—Entire Herd—80 Parker Mc 29283, prize-winner at Missouri State Fair in 1904. Auctioneers: Boy 3d, 2471 of prize-winning blood, and State Limer 31739, a grandson of Morton Boy are the herd boars used on the sale sows and gilts. This will be one of the largest and most attractive offerings of the year. Sale in Green's Sale Pavilion and buyers from a distance entertained at Exchange Hotel. Sale Pavilion will be heated. You will be pleased with this offering. Get a catalogue at once.

HORSES.

Percheron Horses

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When you go to buy a horse, stop at Lincoln, Nebraska, and see Watson, Woods Bros. & Kelley's Percherons and Shires. Fifty head on hand. Send for beautiful photographs of latest importation and price list. These are free to all who mention Kansas Farmer. Address

WATSON, WOODS BROS. & KELLEY, Lincoln, Neb.

Draft and Coach Horses

Parties desiring to buy Percheron, Belgium or German Coach Stallions on a self-earning, easy-payment plan, guaranteed to live and be satisfactory breeders, should correspond with

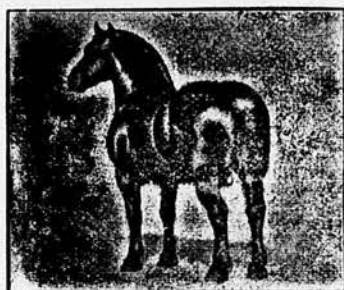
J. W. FERGUSON, Route 1, Topeka, Kans.
Reference Kansas Farmer.

CHEYENNE VALLEY STOCK FARM**Percheron Stallions and Bred Mares**

FOR SALE at reduced prices for quick sale. Won 38 prizes out of 39 competed for in 1902-'03, and 28 prizes in leading Kansas and Oklahoma fairs for 1904.

Write me for prices.

F. H. SCHREPEL,
Ellinwood, Barton Co., Kansas.

**ROBISON'S PERCHERONS AT AUCTION**

Wichita, Kans, Feb. 1, 1905

45 Stallions and Mares. World's Fair winners. Mares all bred to Casino. Send for catalogue to

J. W. & J. C. ROBISON,
Towanda, Kans.

America's Leading Horse Importers

We have brought to this country nearly every first, second, third and fourth prize winner in every Percheron stallion class in every Government show held in France since the Paris Exposition 1900.

Our horses won every first and nearly every prize down to fifth at the St. Louis World's Fair.

On account of bringing the best our trade is increasing so that we bring the largest number. We have made five importations this year, bringing more Percherons and French Coaches than have been imported by all others combined.

If you want the best write

McLAUGHLIN BROS.,

Columbus, O. Kansas City, Mo. St. Paul, Minn.

HORSES.

Iams' Stallions

Get busy, quick, Mr. Horseman—It's "16 to 1" that to-day is the "BEST TIME EVER" to begin breeding first-class DRAFT and COACHERS. Don't wait until the OTHER FELLOW "GATHERS THE CREAM." "BUTT IN." Put in your thumb, buy a "PLUM—GOOD ONE" of IAMS. His "PEACHES AND CREAM" are ripe. "IT'S A CINCH" that you will save \$1,000 there and get BETTER stallions. Iams' "SENSATIONAL BLACK BOYS" are "WHIRLWINDS" in a "SHOWYARD." They won every first, second, and Championship prize (over all) on PERCHERONS, BELGIANS and COACHERS at Nebraska State Fair 1904. Iams' RESERVE BEST stallions were there for exhibition—not shown for prizes. None of his SPECIAL TRAIN of 100 stallions received August 18, 1904, were shown. At the

HOME OF THE WINNERS

Buyers throng his barns and say: Hello, New York; I'm Pete, of California. Say, Iams has the BEST LOT of stallions, and most of them, I ever saw. CHEAP, TOO. Yes; see those ten 2-year-old 2,000-pound "BLACK BOYS"—"RIPPERS." Iams' stallions are choice goods. WIE GEHTS? HANS, of OHIO. I'm Zeke, of Montana. See this barn of forty 2,100-pound 3-year-olds. All "TOP-NOTCHERS." Sure; dot, vas dot vide-as-a-wagon stallion. Iams has one "HORSE SHOW more big as dot" "ROYAL," and he saves me MORE as \$1,000. SURE TING. No studs like dot in Ohio. Mr. Illinois, I'm Peabody of Colorado. Iams has the GREAT EST and LARGEST establishment of first-class stallions owned by one man in U. S. "HUMMERS, TOO." See those twenty 2,200-pound 4-year-olds LINED UP. "BLUE-RIBBON BOYS" None to compare with them in bone, big size, quality and finish at "INTERNATIONAL." You see stallions at IAMS JUST AS YOU READ ABOUT. Mr. Missouri, I'm "SOCKLESS JERRY," of Kansas. This DAILY HORSE SHOW of IAMS' beats any State Fair I ever saw. It's an "EYE-OPENER" to any man to see Iams' stallions. Best I ever saw. He sells these "TOP-NOTCHERS" at \$1,000 and \$1,500. Hello, Iowa, I'm Louie, of Minnesota. To see Iams' CHAMPION PERCHERON, BELGIAN and COACH STALLION, they are the "HOTTEST PROPOSITION"—(to competitors) I ever saw. Iams makes competitors "HOLLER"—and he "BUTTS IN." sells MORE stallions each year. Yes, saved me \$1,000. Mr. Indiana, I'm Hogg, of Texas. I came 2,000 miles to see Iams' 5,100 pound pair of "PEACHES AND CREAM." They are a "SENSATIONAL PAIR." Better than the pictures. SIMPLY IMMENSE. Iams is a HOT ADVERTISER. His horses are better than he advertises. AT LET-LIVE PRICES, too, Mr. Unbeliever.

\$100 WILL BE PAID YOU \$100

If you visit Iams and do not find every statement in ads or catalogue TRUE. Horses good as pictures in catalogue. "NOW WILL YOU BE GOOD, MR. KNOCKER?" Doc, I don't wonder at Iams' competitors wanting his horses barred from ROYAL or INTERNATIONAL. "SOMETHING DOING" when Iams makes HORSE SHOW. He always has "Rippers and in SHOW SHAPE. Tom, Mr. Utah bought that 2,000-pound 3-year-old at \$1,200 of Iams. Better than one my neighbors paid \$3,500 for. Kitty, Ain't Iams' Coaches "SWELL?" Iams handles only the "TOPS". Coaches that look over the house, and step high as a "red wagon." Georgie, dear, buy a stallion of Iams. They are 50 per cent better than one our neighbor paid those Ohio men \$4,000 for. (Then I can wear the diamonds.) Iams has

149 BLACK PERCHERONS, BELGIANS AND COACHERS 149

90 per cent blacks; 50 per cent ton horses—IAMS speaks the languages, buys DIRECT from breeders, pays NO BUYER, SALESMAN or INTERPRETERS. Has no THREE to TEN MEN as partners to share profits with. His twenty-two years SUCCESSFUL BUSINESS makes him a safe man to do business with. Iams guarantees to sell you a BETTER STALLION at \$1,000 and \$1,400 than are sold to stock companies for \$2,500 to \$4,000 by SLICK SALESMEN, or pay your fare and \$25 PER DAY FOR TROUBLE, you the judge. IAMS PAYS HORSES' freight and buyers' fare, gives 50 per cent breeding guarantees. Write for EYE-OPENER and catalogue.

References: St. Paul State Bank and Citizens National Bank.

FRANK IAMS, St. Paul, Nebraska.**Pine Ridge Stock Farm**

The Biggest and Best Horse Barn in the United States, and the Biggest and Best

Percheron and French Draft Horses

SAMSON AT HEAD OF HERD.

(Percheron 27238 and French Draft 6866.)

He weighs 2,464 pounds, with more bone and quality than can be found in any other one horse in the United States. We can show more bone, size and quality than any other one firm in the country. Prices below competition. Call on or address

L. M. HARTLEY, - Salem, Iowa

20—REGISTERED STALLIONS AND JACKS—20

They must be sold as I have more than I can winter.

25 Per Cent Discount for cash, on all sales, until surplus is sold.

Come and look at the stock if interested. No trades wanted. Also 20 jennets for sale

S. A. SPRIGGS, Westphalia, Kans.**Farmers and Breeders! We Will Insure Your Hogs Against Death by Cholera**

And other malignant blood diseases. Don't waste time and money experimenting with cheap stock food. Use a medicine prepared especially for the hog. Twenty years' test without a failure. We run all risk and in case THE GERMAN SWINE POWDERS fail to eradicate the disease from your herd, we refund your money. The greatest conditioner and growth-promoter ever discovered, and the biggest money-maker for hog-risers known. Prices: 100 lbs., \$25; 25 lbs., \$7; 10 lbs., \$3; 5 lbs., \$1.75; 2 1/2 lbs., \$1. Send for our Treatise on Swine—it's free. Make all checks and drafts payable to

LON ELLER, Manager and Proprietor of

The German Swine and Poultry Merchandise Co., Topeka, Kans.

HERD HEADERS FOR SALE

I have some choice March and April Poland-China boars for sale. Large, well-marked, and as well bred as any in the breed. Sired by the State Champion, Grand Chief, and C's Perfection, he a litter brother of Corrector. Three of these pigs are full brothers to the champion boar at Topeka this year. Three others are half brothers to Grand Chief. Have sold four boars to Kansas breeders this year for \$481, and have three full brothers to three of those mentioned above. Write me.

F. M. LAIL, Marshall, Mo.

THE WILLOWDALE BERKSHIRES

Lord Premier 50001, the sire of more show hogs than any boar in the world, at head. Six June boars by Lord Premier and a few sows bred to him for sale. Also three aged herd boars and young stock of both sexes. Write or call.

G. G. COUNCIL, - - VANDALIA, ILLINOIS

DUROC-JERSEY SWINE.

D. M. TROTT ABILENE, KAS., famous Duroc-Jerseys, Poland-Chinas.

COUNTY SEAT HERD Duroc-Jersey Swine.
Geo. Briggs & Son, Clay Center, Neb.
Young stock for sale.

Registered Stock. **DUROC-JERSEYS**, contains breeders of the leading strains.
N. B. SAWYER, CHERRYVALE, KANSAS.

DUROC-JERSEYS—Large-boned and long-bodied kind. A fine lot of fall pigs (either sex) for sale. Prices reasonable.
E. S. COWEE, R. F. D. 2, Scranton, Kans.

MAPLE AVENUE HERD **J. U. HOWE,**
Wichita, Kansas
Farm two miles west of city on Maple Avenue
Duroc-Jerseys

THE OLD RELIABLE KLONDYKE HERD.
For Sale—One April and four September males. Two June and eight Sept. gilts. Choice of 80 head. Prices right. Quality right. Newton Bros., Whiting, Kas.

DUROC-JERSEY SWINE
Also B. P. R. and R. C. B. Leghorn chickens. Stock for sale. Get our prices. MITCHELL BROS., BUXTON, WILSON COUNTY, KANSAS.

FAIRVIEW HERD Duroc-Jerseys
Now numbers 150; all head for our two sales, October 25, 1904, and January 31, 1905.
J. B. DAVIS, Fairview, Brown Co., Kans.

PEARL Duroc-Jersey Herd.
Choice spring pigs, both sexes, and alfalfa-fed, ready for service, for sale. 200 head to select from. Can ship on Rock Island, Union Pacific, Santa Fe or Missouri Pacific.
C. W. TAYLOR,
Pearl, Dickinson Co., Kans.

FOR SALE
Forty head of pedigree Duroc-Jersey spring pigs or bred gilts; weigh from 125 to 175 pounds; at farmers' prices, \$9 to \$12 each.
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Norton's Wonder by great Fancy Wonder, and My Farmer. Also 3 spring boars and 25 bred sows. Catalog describing stock free.
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The Famous Fancy Herd Duroc Jersey Swine
A few gilts and 7 fine young boars for sale. Breed sow sale at Concordia, Feb. 21, 1905.
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All stock registered. Pigs for sale weighing 150 to 200 pounds, both sexes. Will have sows for early farrowing at \$20 each. Spring males and gilts, \$10 to \$15.
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SUNNY SIDE HERD OF Duroc - Jersey Swine
Sires and dams all from prize-winners. Our herd is headed by Russell Hague 21469. Young boars a specialty at present. A few registered Shorthorn rams. Satisfaction guaranteed. H. H. Hague & Son, Route 6, Newton, Kans.

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For sale, an extra fine lot of young boars large enough for service. Bronze turkeys, Barred Plymouth Rocks and Brown Leghorn chickens for sale.
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Rockdale Herd Duroc - Jerseys
All reserved for bred sow sale Feb. 20, 1905. 40 head of tried sows, fall yearlings and spring gilts, the tops of my herd. Remember the date.
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MINNEOLA HERD Duroc-Jersey Swine
Prince 17799 and Red Rover 27665 at head of herd. Young boars and bred and open gilts for sale.
I. A. KEELER, Route 7,
Phone 891 G, Ottawa, Kans.

Rose Lawn Herd Duroc-Jerseys
Now offering males only. Bred sows and gilts reserved for Feb. 22, 1905 sale. Visitors welcome and prices right. Can ship on Santa Fe, Mo. Pacific and Rock Island railroads.
L. L. Vreeman, Hope, Dickinson Co., Kans.

UP-TO-DATE Duroc-Jerseys
Best of breeding and individuality. Pigs of both sexes, not related, for sale. A square deal guaranteed. Write your wants, or call and see hogs. Visitors always welcome.
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Headed by Dandy Boy 10721 (1100 pounds) three times champion boar at State Fairs. For immediate sale: 15 spring boars and 20 spring gilts. Address
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Telephone 735.

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Twenty-five gilts bred to farrow in March and April. A few boars and the herd boar Royal Top Notcher 28075-12329, for sale at reasonable prices. Also a nice lot of yearling pigs.
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Sure relief for Pink Eye, foreign irritating substances, clears the eyes of Horses and Cattle when quite milky. Sent to responsible stockmen on 30 days trial, or sent prepaid for the price, \$1.00. Address orders to W. O. THURSTON, Elmdale, Kansas.

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DUROC-JERSEYS

A few very superior boars out of Gold Dust 20401, our premier herd boar, now ready for sale.
BUCHANAN STOCK FARM, Sedalia, Mo.

WALNUT OAK HERD Duroc - Jersey Hogs
Herd headed by Surprise 10817, Champion at American Royal in 1902. Pigs by him out of Mode, the sweepstakes sow at seven State Fairs and out of May F, who never produced a pig that was not a show hog. She is the dam of World's Fair prize winners. We have others as good and no poor ones. Visitors always welcome. On Missouri Pacific Railway.
Powell & Rudy, Smithton, Mo.

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FOR SALE Poland-China Hogs, Holstein-Friesian Cattle,
either sex. Best strains represented. H. N. HOLDEMAN, Rural Route No. 2, Girard, Kansas.

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Poland-Chinas, Up-to-date breeding. Correspondence solicited, inspection invited.
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of the Chief Tecumseh 24, Black U. S., Wilkes, Free Trade, Corwin and Short Stop strains. Address
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Pecan Herd of Poland-Chinas
Model Tecumseh 64138, American Royal (S) 80783, and Best Perfection 81507 at head of herd. Write us your wants.
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Kansas Herd of Poland-Chinas.
has some fine spring boars and gilts, and four bred gilts, Sunshine bred; also Rose Comed White Leghorn chicks. - - -
F. P. MAQUIRE, Hutchinson, Kansas.

Elm Grove Stock Farm Poland-Chinas.
Woodbury 33838, Highroller 33839 and Perfection's Profit 33238 at head. Sows of the most popular strains. Visitors always welcome.
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ROME PARK POLAND-CHINAS and BERKSHIRES.
I have about twenty boars ready for use and twenty-five sows bred, and some unbred, and a large number of good pigs, both breeds.
T. A. HUBBARD, (County Treasurer Office.)
Wellington, Kans.

PLIMPTON HERD OF POLAND-CHINAS
Has for sale Rival Perfection 33377, by Hard To Beat the American Royal prize-winner, and out of Darkness Best 2d by U. S. Perfection. Also a lot of young pigs by Royal Perfection. Herd now headed by Missouri Black Perfection 2d, a prize-winner. Write your wants. Visitors welcome except on Sunday.
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Herd Boars For Sale—We have no further use for Patriarch, by Proud Perfection, or Gay Delight by Corrector, and will sell them cheap; they are right age to buy for future use. We also still have some good sows that have had litters; also gilts bred. Write
W. B. VAN HORN & SONS,
Lone Star, Douglas Co., Kans.

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Twenty serviceable boars at special prices for next 30 days, sired by Black Perfection 57132, Slick Perfection 32604, Perfection Now 32580, and Ideal Perfection. They are lengthy and good-boned pigs, with plenty of finish. Write me description of what you want and I will guarantee satisfaction.
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Empire Chief 30379 S, 62445 A, head of first prize herd at Iowa and Nebraska State Fairs. Mammoth bone and size, full brother to the champion Logan Chief. Chief Tecumseh 4th, sired by Chief Tecumseh 3d, whose get have won 110 prizes at State Fairs, heads the herd of
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All ages and sex, out of sows of all the leading strains of the Poland-China breed. Write what you want.

DOUBLE SWEEPSTAKES BOAR
Also First in Class (Over 6 months and under 1 year)
At Kansas State Fair 1904
For Sale Cheap—Also others and bred sows of similar breeding. Sows bred to a son of Mischief Maker or of Corrector. Farm 1 mile northeast of town.
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Choice young boars of April and May farrow sired by Beauty's Extension, for sale. Also bred sows and gilts, all with good colors, bone, fancy head and ears. The head boar Beauty's Extension 27950, for sale. Some snaps here. Visitors welcome. Mention Kansas Farmer and write for prices.

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Big-Boned, Lengthy Poland-Chinas

I have for sale two herd boars, one sired by the great Missouri's Black Perfection, the other by Perfection Chief; they are extra good. Also 25 large, big-boned, growthy spring boars and about the same number of gilts. My specialty is to breed the kind that is the most profitable.
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Having sold my farm, I will sell my entire herd of Poland-Chinas at auction on Thursday, Jan. 26, 1905, at my farm near Windle d, Kans. Forty-head of brood sows and gilts, about half of which are bred to Perfection B. L. 3498, and six boars, all bred right. WALTER O. WILTBERGER, Winfield, Kans.

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For Sale, at bargain prices, from now till January 1, 1905, four boars ready for service, sired by Sherman's Corrector, a half brother to Corrector 2d, the reserve champion at the St. Louis Expo 1904, and out of up-to-date bred sows. Also a bunch of boars equally as well bred, sired by six good herd boars, and out of matured sows.

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Shorthorn cattle, Oxford sheep and Peafowls. I won 13 prizes on 14 head of Chester-Whites at World's Fair, 1904.
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For immediate sale, 12 bulls ready for service and 12 bull calves. Also 20 cows and heifers, 7 to 7 years old. Give me a call, or address
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Silver Creek Shorthorns
The Imported Missile bull, Aylesbury Duke 15978, and the Cruickshank bull, Lord Thistle 13560, in service. A few bred yearling heifers by Imp. Aylesbury Duke are now offered for sale. These heifers are in calf to my Cruickshank bull, Lord Thistle.
J. F. STODDER,
BURDEN, COWLEY COUNTY, KANS.

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Shorthorn Cattle and Poland-China Swine
Victor of Wildwood 126054, a thick-fleshed Orange Blossom and Prince Payonia 216807, an extra thick-fleshed roan bull, 12 to 13 months, at reduced price. Also a few yearling and two-year-old heifers.
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Forty Miles South of Kansas City.

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CEDAR LAWN BERKSHIRES
My sows are sired by Elma's Prince 64778, and Berryton Duke 72946. Boar at head of herd, Jurists Topper 78277. Wm. McADAM, Netawaka, Kans.

Ridgeview Berkshires
Are all O. K. in breeding and quality. One yearling boar and four boars. April farrow, for sale, besides fall pigs.
MANWARING BROS.,
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Imported Blood

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40 extra choice Gilts, 100 to 150 pounds.
Fancy heads, strong bone and all-around good ones. Bargains at \$15 to \$25 to close quick.

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Pacific Duke 56891, the 1,000 pound champion show and breeding boar from herd of S. B. Wright, Santa Rosa, Cal., bred by N. H. Gentry; Model Princess 60134, by Halle 60125, sweepstakes Pan-American sow; Stumpy Lady 63409 by Combination 56028, sweepstakes Kansas City and Chicago 1902. Lee's Model Princess 62514, the \$180 daughter of Governor Lee 47971; Lady Lee 99th 65035, the \$160 daughter of Lord Premier 50001, and other "Blue-Bloods." Sows bred to 3 grand boars and young stock for sale.

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Plainville Shorthorn Herd
I have agreed to consign my herd bull, "Strawberry" Baron 149498, to the Breeders sale at Plainville, February 23, 1905.
N. F. Shaw, Plainville, Rocks Co., Kans.

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Ten fine young bulls for sale—all red. Red Laird, by Laird of Linwood, at head of herd.
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Registered Hereford cattle. Major Beau Real 71621 at head of herd. Choice young bulls, also heifers by Lord Evergreen 95651 in calf to Orto 132856 for sale. Bronze turkey and Barred Plymouth Rock eggs for sale.
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Shorthorn Cattle.
For immediate sale, 12 bulls ready for service and 12 bull calves. Also 20 cows and heifers, 7 to 7 years old. Give me a call, or address
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Silver Creek Shorthorns
The Imported Missile bull, Aylesbury Duke 15978, and the Cruickshank bull, Lord Thistle 13560, in service. A few bred yearling heifers by Imp. Aylesbury Duke are now offered for sale. These heifers are in calf to my Cruickshank bull, Lord Thistle.
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Victor of Wildwood 126054, a thick-fleshed Orange Blossom and Prince Payonia 216807, an extra thick-fleshed roan bull, 12 to 13 months, at reduced price. Also a few yearling and two-year-old heifers.
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Public Sale November 23, 1904.

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