

# KANSAS FARMER

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TOPEKA, KANSAS, WEDNESDAY, JANUARY 29, 1890.

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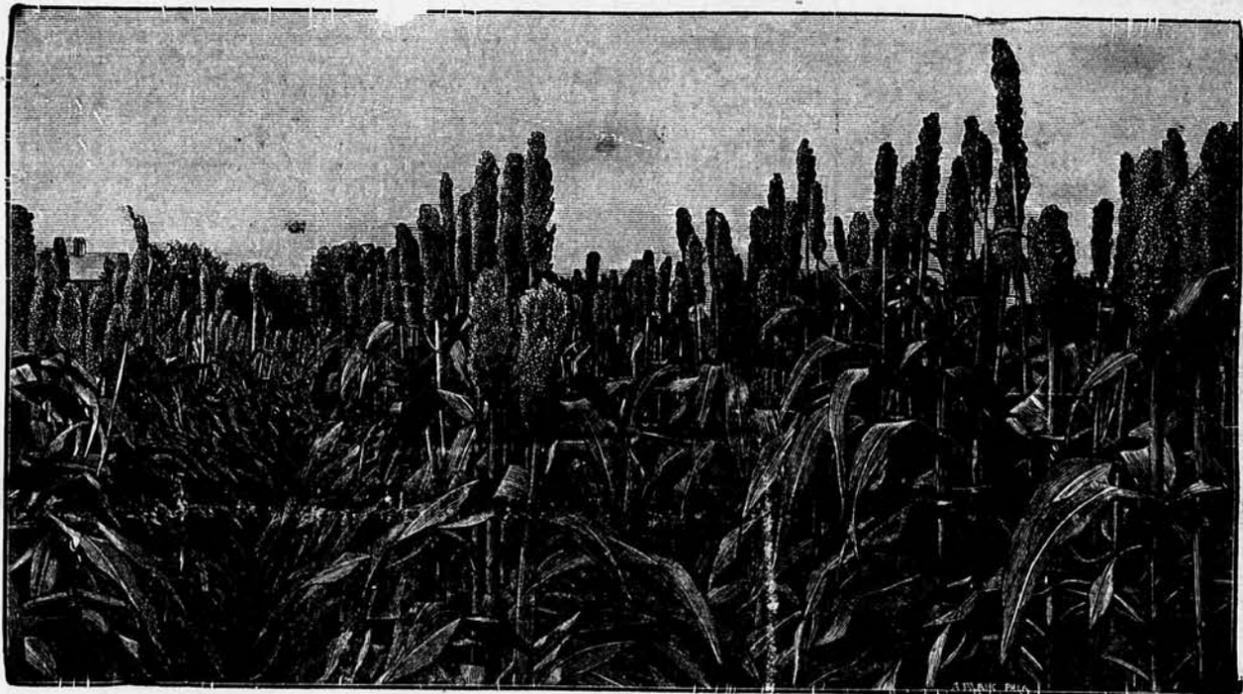
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[Continued on page 20.]

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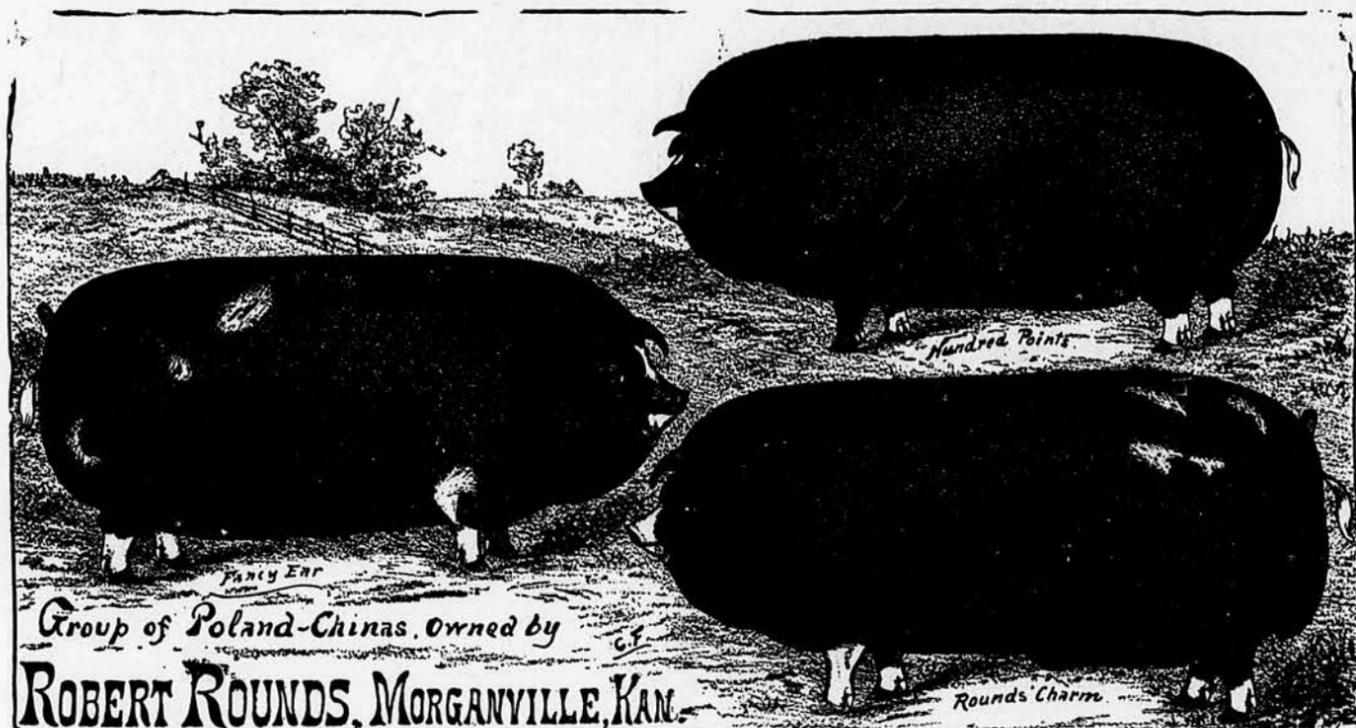
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VOL. XXVIII, No. 5.

TOPEKA, KANSAS, WEDNESDAY, JANUARY 29, 1890.

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A GROUP OF POLAND-CHINAS, BELONGING TO THE CLAY COUNTY (KANSAS) HERD.

## TABLE OF CONTENTS.

PAGE 3—AGRICULTURAL MATTERS.—An Essay on Broomcorn. Inquiries About Fences and Alfalfa.  
PAGE 4—THE STOCK INTEREST.—Silver Money and Low Prices of Stock. Enteritis in Cattle Caused by Eating Cornstalk Fodder. Sheep in Kansas as an Industry.  
PAGE 5—IN THE DAIRY.—Dairy Exhibits. Will the Creamery Industry in Kansas Be Overdone? Another Good Butter Record.  
PAGE 6—ALLIANCE DEPARTMENT.—Proceedings of F. M. B. A. at Garnett. Grange and Alliance. Oak Grange Institute. Alliance Exchange—President's Circular to Sub-Alliances. Co-operation in Selling Stock.  
PAGE 7—ALLIANCE DEPARTMENT (cont'd).—From Neosho County. Organization Notes.... Proceedings of the Late Meeting of the Swine-Breeders at Topeka. Clay County Herd of Poland-Chinas. Gossip About Stock.  
PAGE 8—THE HOME CIRCLE.—Demeter and Persephone. (poem). Washing Woolens. "The Bloomer Costume." The Neglect of the Yosemite Valley.  
PAGE 9—THE YOUNG FOLKS.—Lost Treasures. (poem). The Land of Night.  
PAGE 10—EDITORIAL.—The Way Out—No. 6.  
PAGE 11—EDITORIAL.—Encouraging Words Concerning "The Way Out." Docking Horses—Pedigrees, Etc. Farm Statistics. Valuable Premiums.  
PAGE 12—HORTICULTURE.—Proper Legislation for State Horticultural Society. Vine Crops for the Prairies. Small Fruit Culture. Floral Notes.  
PAGE 13—THE POULTRY YARD.—"The Poultry Blaze." Plymouth Rocks.  
PAGE 14—Patents. Topeka Weather Report. The Markets.

Many farmers make a mistake in plowing up more ground than they can cultivate well. This is a serious error; as it often deprives the stock of much needed pasture and does not increase the crop of grain. Besides the land so treated almost always is impoverished and polluted with foul weeds. How much better it is to plow only what can be well cultivated and fertilized, and raise from it good crops, and let the balance remain in grass.

Swine may be raised very cheaply and to be healthy, if only the proper attention is given to the matter of their food and pasture.

## Agricultural Matters.

### An Essay on Broomcorn.

By H. S. Grove—read before the Griswold Farmers' Alliance, Griswold, Sherman Co., Kas., December 23, 1889.

The earth, the earth, the teeming earth,  
God's store-house here for more;  
We go to God's own bank and draw  
Gifts from the generous land.

Labor, the key God gives to man  
To bring these treasures forth;  
We take God's key and boldly come  
To claim our charter's worth.

In selecting land for the cultivation of broomcorn choose the land best adapted to the cultivation of Indian corn. As the preparation of the ground is of more than ordinary importance, I would emphasize the words, "plow deep." Deep plowing is necessary for several reasons: First, the weed seeds being buried deep are longer germinating and do not come up till after the crop has got a good start. Second, deep plowing absorbs more of the rainfall, and makes a good reservoir to hold the water in the soil, to be drawn from in case of dry weather.

In preparing the ground for planting, after it is plowed, I would advise every farmer to have a good smoothing harrow, and keep it so close at hand that he can use it twice every day while plowing, as the soil can be pulverized finer when fresh plowed, before it becomes dry and hard.

We will now suppose you have a part of your ground plowed and harrowed till the surface is smooth, and you have so cleaned your seed that it will plant without clogging in the planter; and we will further suppose you have a Challenge or some other good corn-planter with drill attachment. And now before you start to plant, I would have you test your planter as to the number of seed it drops to the rod, as seed varies in size in different years. If your planter drops ninety seed to the rod,

it is all right for this soil (in Sherman county), as it is important that you do not plant too thick or too thin. Adjust gearing or plates till your planter drops the required number of seed per rod.

The proper time to plant should be governed by the amount of crop you intend to plant. In planting a crop of eighty to a hundred acres I would advise planting at four or five different times, covering a period from May 1 to June 10. Always plant as soon as possible after the ground is plowed in order to keep ahead of the weeds, but the object of planting at different times is to give you time to harvest the crop at the proper time.

Last but not least in importance comes cultivation, which, while the plants are small, is absolutely necessary. Do not think because there is only a few weeds your crop does not need cultivation. I would advise the following mode of cultivation: The first cultivation should be done with a cultivator having a set of narrow shovels in front, as you can run your cultivator closer and deeper without covering up the small plants. As soon as you have gone over your crop once in this way, take your slanting-tooth harrow and go over the crop lengthways of the rows. The second cultivation with the cultivator should be pretty close to the plants, and deep after this cultivation. If the crop is not more than six or eight inches high, or has not become tender by having started to grow fast, I would run over it again with the harrow, going crossways of the rows. And now, as soon as the corn will bear it, go through it the third and last time, setting the shovels to throw the dirt toward the row, being careful not to run your cultivator close enough to cut the roots.

As the harvesting of broomcorn requires some practical knowledge, and would require some time to tell when and how to harvest it, I will write an essay on harvesting the crop if the society desires it.

The pasture lands of this country do not receive enough attention. After all is said, they are the foundation of successful agriculture.

### Inquiries About Fences and Alfalfa.

EDITOR KANSAS FARMER:—As the KANSAS FARMER is designed for a medium for farmers to gain information and exchange views on subjects pertaining to the farm, I wish to ask for information on a few questions. I have been a reader of the FARMER but a short time, so may ask some questions that have been discussed before.

What kind of fences are the best for us to build? What is your opinion of a hedge and of a wire fence? How can I get the seed from the balls? Where one has the seed balls which is the cheapest—to raise the plants or buy them from the nurseries? Will some one that knows please tell all about raising hedges—sprouting the seed, raising and digging the plants, setting out and culture until they make a stock-proof fence? Can a hedge be made hog-proof without using wire?

Forty years ago, when they first began to raise hedges in Ohio, as soon as the plants got to growing well they were cut back so that they were only three or four inches high; that would make them send out several more sprouts from the ground. That way of cutting back was followed until the hedge was as high as the owner wanted it. Will that plan do in Kansas?

How does alfalfa pay in southern Kansas? Is it a profitable crop to raise? Is it easily killed by close harvesting?

During the past season there have been several articles on retaining moisture. One plan is deep plowing. Will those who have tried subsoling tell us what they think of it—what influence it has on crops. Does it pay?  
D. M. A.

Rome, Sumner Co., Kas.

Feeding is the most important duty the farmer has to perform on these cold winter days, and he should give it that attention which its importance calls for.

Every swine breeder should have a piece of clover pasture; yet green rye, oats, millet, Hungarian grass and green peas, all make excellent and cheap hog feed.

## The Stock Interest.

### THOROUGHbred STOCK SALES.

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

APRIL 16—Col. W. A. Harris, Short-horns, Chicago.

### Silver Money and Low Prices of Stock.

Paper read before the Stockmen's Convention, Topeka, January 8, 1890, by A. C. Shinn.

MR. CHAIRMAN AND FELLOW FARMERS OF KANSAS:—There is no occasion in a gathering of farmers to say anything about the depression under which we are suffering, how our regular farmers are "one by one" losing their farms and retiring to the villages or rented farms to live, how our sons and daughters are growing up without the education that a few years ago we expected to be able to give them; how among our farmers, to say of a man that he is old is almost equivalent to saying that he is poor; how even our women are losing heart and have a careworn and dejected appearance. No, let us say nothing of this, but try and find the causes that are damaging us.

On our occupation rests the whole financial and commercial structure. Ours is not a calling that has to do with per cents and commissions, but one in which the price itself governs. If our shippers of cattle, corn or wheat or traders in general have to sell low they must needs buy lower, and that is all there is of trade. To illustrate: if a certain grade of cattle sell in the market for \$3.50 per hundred, and it takes 50 cents per hundred to handle them, then the shipper can pay the grower and feeder but \$3 per hundred for them, and to him it is no matter that they cost the grower and feeder \$4 per hundred, except it is always more pleasant to deal with those who are doing well. So it is on producers on which low prices fall, and one of the prime causes of low prices is because this and other nations are and have been, since 1873, at least, legislating against one of the precious metals, against silver, thereby changing the value (changing the contract) of all commodities in this and many other lands.

The price of silver bullion, measured in gold, is so reduced that for 70 cents gold, enough silver can be bought to make a standard silver dollar. Then let us take this 70 cents and compare the prices of commodities in 1886 (the latest authority that I have before me) with the former prices. We find that the average price of wheat in New York in 1859, the year our silver mines were discovered, was \$1.47½ coin; in 1867, \$2.85 currency or \$2.04 specie; in 1873, the year silver was demonetized, \$1.90 currency or in specie \$1.68, and in 1886, it is only worth 89 cents gold or \$1.15 in silver bullion at 70 cents on the dollar as compared to gold. Or take mess beef (as we are stockmen), which was worth per barrel in 1867, \$20 currency or \$14.36 specie; in 1873, \$16 currency or \$14.20 specie; in 1886, \$8.50 gold, or in silver at 70 cents on dollar, but \$11.05. On the average of all leading commodities we find they are in harmony with silver at least 30 per cent. below their natural level. Here then we have located one of the causes that has brought upon us this depression in prices.

In this connection it would be interesting to inquire who and in whose interest this has been done? In short, why should a nation so change its laws that all our debts, both public and private, should be changed from being payable in coin to be only payable in gold? Many of us served our country in the late war, and then, when we were making a national debt of several millions of dollars per day, it was a great comfort to know that we had in our own country mines of both gold and silver, out of which the precious metals could be dug to help pay the debt. If you had told us then that we, a nation of debtors, would do away with one of the precious metals as a measure of value, not one of all this people would have believed it possible for us to commit an act of such supreme folly. Yet it has been done, instigated by our English creditors, done in our ignor-

ance, not even our President, Grant, knowing it at the time he signed the most vital and far-reaching document of his career, and not excelled by any act that was ever signed by any President, unless it was the great emancipation proclamation.

Why, this demonetization of silver has so acted that the national debt is larger now than ever before, estimating it in commodities, and that is what we have to pay it with. Look at these figures, using millions for clearness: In 1867 the national debt was \$2,678,000,000, in 1886 \$1,783,000,000—decreased \$894,000,000. Yet in 1867, at average prices in New York, 2,231,000,000 bushels of corn would pay the debt, while in 1886 it would require 3,639,000,000 bushels, or 1,407,000,000 more in 1886 than in 1867. Again, in 1867 133,000,000 barrels of mess beef would pay the debt, while in 1886 it would take 209,000,000 barrels, or 75,000,000 barrels more in 1886 than in 1867, and this is the way it is with most all commodities.

Here, then, in this demonetization of silver we have one of the prime causes of our suffering. In the wake of this cause follow many others, for as Longfellow says—

"Never stoops the soaring vulture  
On his quarry in the desert,  
But another vulture, watching,  
Sees the downward plunge and follows."

So, following after this deep and abiding injury, comes our taxation laws, gathering the people's money and locking it up where it is of no use. The railroad monopolies (which, thanks to the granger agitation, has been measurably overcome), the oil trust, the beef combine, and many other evils that oppress us and seduce the people. Why, in some of our counties, we are paying our County Treasurer \$4,000 per year, when half of that would be ample compensation.

### THE REMEDY.

First, restore silver to its proper station of free coinage and full legal tender, of the old standard weight and fineness. Reduce the tariff and internal revenue taxation to avoid any surplus after necessary expenses of national government. Let national government furnish abundance of currency at all times redeemable in coin. Reduce our local salaries and expenses. Require Congress to deal with the trusts and combines, so that the old ideal American farmer, a man owning and tilling his own soil, will not be a thing of the past, in what should be this free, prosperous and happy land.

### Enteritis in Cattle Caused by Eating Cornstalk Fodder.

Paper read by Dr. Going, State Veterinarian, before the State Board of Agriculture, at Topeka, January 10, 1890.

MR. CHAIRMAN AND GENTLEMEN:—By request of Hon. Martin Mohler, Secretary of the State Board of Agriculture for Kansas, I have prepared a statement of what, in my opinion, is the cause of the mortality among cattle, when turned out to feed in the cornstalk pasture. That death is caused by acute inflammation of the stomach and intestines is of course quite plain. I have made a number of *post mortem* examinations on cattle after dying as above mentioned, after being allowed to feed to repletion upon cornstalks, and the symptoms presented are invariably the same, viz.: Extensive inflammation of the alimentary canal and coverings of the brain. When cattle are first turned into a cornstalk pasture they feed voraciously, regardless of the disastrous consequences that so frequently follow engorgement with this coarse, dry and almost indigestible food. But as this disease is not of a contagious or infective nature, I am not permitted at the expense of the State to go and personally investigate the symptoms, course and termination of cases reported to me by farmers whose stock suffer. Therefore I can only advise by letter, giving treatment that I have found most successful in cases both of this nature among my own cattle and those I have been called upon to treat in my capacity as a private practitioner before I entered the service of the State.

The character of the food and the habits and condition of the animal operate as direct cause of the disease of the alimentary canal. Very rich and concentrated food taken in undue quantity, or very innutritious substances,

such as over-ripe straw or hay, or cornstalks, which being composed almost entirely of woody fiber, and silicon, will cause enteritis. This effect is due more to the action of these substances as foreign bodies, which are not subject to the digestive action of the secretions of the mouth, stomach and bowels, than to the want of other elements necessary to life, and the perpetuation of health. The digestive function failing to perform its work, the contents of the stomach and bowels become a cause of severe inflammation, in which nature's recuperative powers too often prove unequal to the emergency; especially is this the case where cattle are not thoroughly habituated to the use of unwholesome food. I am fully convinced that the whole cause of the trouble in the cases where cattle die after being turned out among cornstalks to feed, is due to the indigestibility and the large quantity of food ingested.

My personal experience while in the cattle business was that by allowing the cattle to remain only one hour a day among the stalks until their stomachs became accustomed to the work required of it, and allowing plenty of pure water, no cattle were lost. After being handled in this way for about ten days I consider it safe to turn them permanently out among the stalks.

When cattle are allowed to engorge themselves with unmasticated and only partly masticated food, especially when it is of a coarse, cellulose character, it becomes impacted in the paunch (rumen, first stomach) or maniply (third stomach) or both. The animal is then unable to regurgitate the contents for the second and final mastication, which is the cud-chewing process. As a consequence, this body of compressed material, acting like a thorn in the flesh, creates an inflammation, which, without timely and proper medical treatment, results in fatal termination. This inflammation upon the mucous membrane of the stomach extends from contiguity of tissues to the muscular coats, and then on to the intestines, and finally to peritoneum, setting up a peritonitis involving the entire contents of the abdominal cavity. This extensive and severe inflammation is sufficient to involve by sympathy the membranes of the brain and the unmistakable symptoms of meningitis are observed. The affection is usually followed soon by relief in death. Cornstalks that are damaged by mould or rot, or contaminated by smut, should not under any circumstances be fed to stock, unless to prevent starvation—when no proper, wholesome food could be procured. In my opinion most of the losses incurred by death from indigestion originating in cattle, which are allowed to have free access to cornstalk fodder, could be entirely avoided by handling the stock as follows:

First—Before turning them into the stalk pasture, see that they start in on pretty full stomachs, of food which they are accustomed to eating, then they can not possibly overeat the first time, then allow them to remain in the stalk pasture for about an hour each day thereafter, gradually increasing the time, as before stated. This gives the stomach time to become accustomed to this class of food. You can then safely allow the stock to run among the cornstalks at will. Never lose sight of the fact that a constant and full supply of pure water is absolutely necessary for the well being of cattle while kept upon this class of food.

Notwithstanding the high mortality among cattle affected with indigestion due to impaction, treatment is not always to no purpose, and we can only feel that we have used all the knowledge that we possess in attempting to alleviate or ease the dumb animal's suffering.

The rational treatment of all diseases is to remove the cause of the morbid conditions and in the case under discussion to remove the indigestible mass from the stomachs, is indicated. For this purpose I have found the following mixture to be very successful: Linseed oil, 1 quart; croton oil, 20 drops; molasses, 1 pint; ginger tincture, 2 ounces; mix well and give as one dose to each animal. Of course this is a dose for an adult. Half the dose would be suitable for a one-year-old animal, and so on according to age. If this be unsuccessful in producing a copious discharge from the bowels inside of twenty-four hours repeat the dose. The sooner this treatment is adopted in the early stage of the disease, the more likely is recovery to follow. As soon as the stomach and bowels are thoroughly

cleaned out by the action of the purgative medicine given, administer the following daily to each animal under treatment. Common salt, 4 ounces; nitrate potash, ½ ounce; bi-carbonate soda, 1 ounce; sirup, 1 pint; water, 1 quart; mix well and drench. Three days will be quite sufficient to keep up this treatment. At all times during treatment allow free access to be had by the sick stock to water. Injections are often used with good effect, as follows: Warm water, 4 quarts; 1 ounce soap (dissolved); 1 ounce pure glycerine; mix well and give by syringe per rectum. Give sloppy food afterwards for some days, such as bran mash, boiled carrots or cabbage, etc.

If the case does not yield to this course of treatment there is evidently such a degree of impaction that no medicine you can administer will have any effect. Then the only chance left is to cut into the stomach through the abdominal wall and to remove the contents by hand. This, of course, can be done with any prospect of success, only by a skillful veterinary surgeon.

In cases where distention of the stomach by gas is present, the use of the trocar and canula will soon afford relief. Prevention should be the watchword of the stock owner, and if rationally pursued he will have little need to trouble much about the use of medicine or surgery for the disease under discussion.

### Sheep in Kansas as an Industry.

Paper read by A. P. Reardon before the Stockmen's Convention, Topeka, January 8, 1890.

MR. PRESIDENT AND GENTLEMEN:—Prior to 1883 great flocks of sheep roamed over our prairies, even here in eastern Kansas, but flocks and herds are not to be seen there to-day. The great sheep industry is to a great extent a thing of the past; and while other departments of the farm will be ably represented and thoroughly discussed at this meeting, and as I belong to that class of small farmers that have to look carefully after the little details of the farm, and as I am an advocate of mixed husbandry and not a specialist, and having made the rearing of sheep a part of the business of my farm, therefore, will give in brief a short history of my own practical experience in the management of sheep in Kansas.

In the fall of 1870 I purchased four head of common ewes for which I paid \$12; then hired the services of a Leicester buck and bred them, and from that time on up to three years ago, I bred to Cotswold bucks. In the fall of 1886 I bred my ewes to a Merino buck, and as the Morrison bill was then pending before Congress for a further reduction of the tariff on wool, and which had a tendency to further demoralize the wool market, I then selected eleven head of half-blood Merino ewe lambs and the same number of the best and youngest Cotswold ewes, making in all twenty-two head. Selling the balance of my flock, I made up my mind to breed with an eye to mutton, so purchased a Southdown buck. Now as to results. The lambs from my Merino ewes, while they were not so large as the Cotswold, yet they seemed to fatten more readily than the others, and the male lambs that came in February I sold to butchers in July at an average weight of 109½ pounds per head. Last year from the twenty-two head I have sold \$121.05. Have now on hand twenty-eight head of ewes, besides butchering five head for family use. Now my total investment in sheep has been in round numbers \$72 within a period of nineteen years, while my sales in that time have been \$1,044.95, besides the pleasure of having all the mutton desired for family use. At my first shearing in 1871 the four fleeces averaged four pounds, while the average on twenty-two head in 1889 was a fraction over ten pounds each, thus showing an improvement, and the development of the essential qualities of any breed of sheep which may be impressed on the common sort, if persistent effort be put forth in the selection of pure-blood sires. Now sheep is the best fertilizer of any stock on the farm, and their properties for grazing and keeping down noxious weeds are better than most other stock, and the fertility of the soil will be increased largely. As I breed now for mutton, I have my lambs to come in February and March. Then fix a runway to feed the lambs separate from

the ewes; the little fellows soon learn to eat and be at their places at feeding time. I have a warm dry place for my sheep, and am generally my own shepherd, especially at lambing time, and if a lamb should get chilled before it is able to nurse, I bury it in warm stable manure for a short time, until it gets thoroughly warmed through, then it will get up all right and be ready for its dinner. Sheep will soon learn to come in from the pasture in the evening, and go in their corral without driving, and in shelter during storms. Have never had any disease among my flock, believe Kansas to be with her rolling prairies one of the best and most healthy States to raise sheep free of disease; the dogs are the worst enemy I have found to sheep, or rather the worst barrier. Sheep will do better in small flocks, at least the facilities for taking care of them will be better. When you get too many sheep together the neglect of care so increases the percentage of loss that it makes it unprofitable to just that extent. Now, under the present low tariff on wool, we will have to breed more into mutton breeds, as we can not expect to compete with Australian and South American wools, where they have their perennial grasses and cheap transportation.

There is a growing demand for mutton in this country and greater profit will be realized by the use of such sires as will form a supply that will meet that demand. Besides, it is quite possible to create an increased demand by producing a better article in supply of that demand, as a superior article placed on the market will of itself increase the demand, as those who buy it will want more; and the healthfulness of mutton, its suitability for summer use, and its growing popularity, as highly-fed animals of the best mutton breeds become more common in our markets, contribute to the rapidly enlarging demand in Kansas City. The demand for good mutton sheep has been notably on the increase for the past two years, and a mutton market is being built up there that is growing better all the time. My opinion is that a cross with any of the Down family, either Southdown, Shropshire or Oxford, is good, as they are all mutton breeds, and while I believe that the Shropshire is possibly the best wool breed of the Downs, yet I have selected the Southdown as a matter of choice, they being the oldest of the Down family, the best rustlers and one of the best of the mutton breeds. Now in conclusion, let me say that I have written this paper not from a theoretical standpoint, but from my own observation and practical experience, and will further say, that the handling of sheep for success requires good care, good management, lots of patience, good judgment and kindness upon the part of the owner, and the man that starts with a few sheep and acquires a knowledge of the business as his flock increases, will be more apt to succeed than the one that purchases a large flock without a knowledge of the requirements of the sheep. Therefore, as it is a pretty good rule in any new business to begin in a small way, so it is in raising sheep and growing wool, and by keeping a reasonable-sized flock on the farm there will be money in the business.

## In the Dairy.

### Dairy Exhibits.

By Mrs. J. B. Sims, read before the third annual meeting of the Kansas State Dairy Association, at Topeka, January 6-7, 1890.

Since the dairy interest of the State has grown to the proportion it has, among other products of the farm, it is no more than just that the exhibits of dairy products at our county, district and State fairs, should receive more attention than has been previously allotted them. It is a fact, which no intelligent farmer or stock-feeder will attempt to deny, that at the present prices of beef the keeping of cattle for beef purposes alone can no longer be continued at a profit, and there does not seem to be much encouragement to look for better prices in the near future, since the law of "supply and demand" does not seem to apply to the beef market, since the number of beef-producing animals in the United States has not increased with the population in the

last six or seven years, when we received about 25 per cent. more for our cattle; hence it is but natural that those engaged in the beef industry will look to some more lucrative business. Dairying has proved successful in the Eastern States. I can see no reason why it cannot be made to succeed in the West. Tame grasses, clover, timothy and Kentucky blue grass grow as well here as in the Eastern and Middle States. We have also "caught on" to the silo, which enables the farmer to winter a greater number of stock from the same number of acres without adding much, if any, to the cost per head wintered, thereby enabling him to pasture a greater number of cattle through the summer season.

It is a common practice among farmers in this county to send all their stock, excepting milch cows and work horses, to Wabaunsee county for pasture through the summer, thereby carrying as much stock the year round as he can procure wintering for at home; but with the assistance of the silo he would be able to keep the same number of stock as he now keeps and have it at home all the time.

There was an exhibit of dairy products at the Kansas State Fair of 1889. Among other exhibits of butter was a jar and roll of butter made in June of that year, which would require more of an expert judge than myself to detect it from fresh butter. If the keeping of butter from summer to winter can be done successfully, and I believe if salted and packed in the granular form it can be, it will be worth thousands of dollars to the farmers of this State. We think it would be well for our fair societies and dairy associations to offer good premiums for butter made in June, and that the judges on butter at all times should be governed by a scale of points, furnished by the superintendent in charge. An exhibitor is entitled to know in what respect his goods are considered lacking, and there is no other way to furnish him such information except judging by a scale of points. We would also recommend that with each exhibit of butter made at fairs or dairy shows, that the exhibitor furnish a written statement or description of the formula used in producing that particular butter—the manner of creaming, separating and souring or ripening. The manner of salting, packing or printing, have particular attention paid to them. Then the successful man's method might prove very beneficial to his competitors. We learn by example and experience, other people's experiences often proving our best teacher.

JOHN B. SIMS.

### Will the Creamery Industry in Kansas Be Overdone?

By J. E. Nissley, of Abilene, read before the third annual meeting of the Kansas State Dairy Association, at Topeka, January 6-7, 1890.

This is a remark that is quite frequently made, and of late I have been thinking of it pro and con as to the bearing it has to the creamery industry; and in due justice to the business, to myself, and the dairy interests of our State, I am prompted to bring out this article.

Will the creamery industry in Kansas be overdone? No. Emphatically no. Not at least for the next decade or two to come. My brother creamerymen, (and my dairymen, if you please), we are, as it were, the representatives of a thousand of farmers, assembled here, who are looking to us in a measure for the advancement of their best interests; and how can we, or how dare we, separate here without even touching upon the several encouragements of our several constituents? We owe it as a matter of courtesy, as a matter of business to them.

Many a farmer is to-day questioning himself whether it is policy to go on in improvement of his dairy simply because he is harboring on the idea that it might be overdone, etc.

Oh, we have a work before us. We must not fold our arms with ease and see the golden opportunities pass rapidly by.

There are many successful dairy and creamery districts within the borders of Kansas at this time, and while it has run to a pretty high degree of excitement in some sections, does not say that it shall not keep right on, but rather urge it by striking while the

iron is hot and make it better by striking.

Each and every one is placed here for a purpose, and a noble one at that. We are told in the good book that we are placed here to prepare for a nobler and a higher world. While this is very true, and is the main object of our present sojourn, there are certain temporal duties that must necessarily be transacted also. We are entrusted, as it were, to take care of the lacteal fluid and cater it to the want of our fellowman in all its forms, and in the spirit of true-born Americans, (or whatever nationality you claim), it behooves us to do it well. Never be satisfied with the good done, but ever strive to make it still better. Here then we have the key-note to the query, "Will the creamery industry in Kansas be overdone?"

What we want is better feed, better butter, and better cheese. There is room for improvement, and just so soon as we begin to revolutionize and systematize the dairy industry, just so soon will we be in a position to say to our brothers over in Iowa, Illinois, and even at the very heart of the dairy king, Elgin, "Go it, we are not dependent any longer upon what you, in your imperial majesty, choose to dictate."

Oh, the cold chills run down my spinal column and I feel like sinking into insignificance at the thought that an out-of-the-way town, like Elgin, Ill., in a second story ten by twelve room, "from its throne of glory," should rule the butter market of the world; generally speaking it does. But the trouble is not with those fellows at Elgin, not at all; it is right here with us. We want better feed.

Last summer I had the pleasure of visiting the principal butter markets of the country, Chicago, Philadelphia, New York and Boston, and I was very careful to note the different grades of butter, etc., and particularly in all of these markets watched very minutely the bulk of Kansas butters as compared with others, and most invariably, I believe I may say without any exception, whenever the Kansas butter was examined, it was all right in its body, texture and color, but when the trier was placed beneath the rigid examination, it lacked in flavor.

I remember one carload of butter that I sold when in New York was sold to a little better advantage than another. Upon closely questioning the commission merchant he acknowledged that he palmed it off for Iowa butter, (which has, singular as it may seem, a very fine flavor). Hence the necessity of better flavor; again I say, "we must have better feed."

"Well," you say, "we are improving in our feed, stock, etc." That is very true, but I would say as a word of advice, let us keep on improving, improve, improve, improve, again and again. Now, without casting any reflection upon our patrons, or in any way reproving them, (as I have some very good ones up there in Dickinson county), let me tell you what I have found to be a fact in the way of feeding: Last spring we issued a circular to our patrons for the benefit of arriving at some statistics that we were then getting out for our special benefit, and among other questions we asked, "what kind of feed do you give your cows?" Surprising as it may seem, 15 per cent. of the answers to the query was something similar to the following: "Hay and straw, straw and hay, with an occasional feed of fodder." About 10 per cent. of the list gave them salt once in about three months, and yet, (I believe I am safe in saying,) we have one of the very best districts in the State. Under such circumstances, is it any wonder that the dairy products in the State of Kansas lack in flavor, lack in everything else?

Some one may ask, what is to be done? Well when you go out on some cold, chilly winter's day, and see your cows standing on the sunny side of the hay rack with straw in it, and their hairs set at right angle with their bodies, and there isn't an idea suggested to you as to what is to be done, why then my dear friend there is something wrong. We must inculcate into the habits of our farmers and patrons more energy, more vim. There is no reason why one man cannot have as much feed as his neighbor if he will only plow, sow and plant. Our farms will yield as well as any farms, such crops as we need to make milk—corn, oats, rye, sorghum, beets, etc. In conclusion, briefly, the only thing that will force the creamery industry to the wall is an overproduc-

tion. So long as the demand is equal to the supply just so long of course will this not come about. Every year new markets spring up, and new territories are developed, and there is in fact no reasonable argument that there will be an overproduction. But, perchance it should, for sake of argument, if nothing else, there is one thought and a very encouraging one for us Kansans, that we can raise corn, oats, sorghum, pasture, and all kinds of feed cheaper here than most anywhere in the United States, and consequently can raise our dairy products cheaper than our Iowa, Illinois, Ohio, New York, and Pennsylvania brothers, and so long as we can subsist, and barely at that, we should and will be able to keep along and quite profitably at that. We outwitted them on the cattle business, on the hog business, and of necessity will in the creamery industry. Verily, "westward the empire moves;" and the creamery industry moves gracefully along.

### Another Good Butter Record.

EDITOR KANSAS FARMER:—Clothilde 2d, at Lakeside Stock Farm, completed on December 1 a week's butter record of 30 pounds 8 ounces. Her butter was of fine quality. She gave for the week 569 pounds 14 ounces of milk, which shows that she averaged a pound of butter from 18.68 pounds of milk. This shows that quality and quantity of milk can be combined in the same cow.

She was fed per day, during the test, nineteen pounds of grain feed, composed of one part wheat bran, one part ground oats, one part corn meal, and one-eighth of one part linseed meal. Of coarse feed she was fed fifty pounds corn ensilage, twenty-two pounds of carrots, and three pounds of hay. She dropped her last calf October 29, and up to time of commencing test had very little grain feed.

When the production of both milk and butter is considered, Clothilde 2d now stands at the head. We know of no other cow with equal records of both these products.

This cow is now eight years old, and has averaged over 19,500 pounds of milk per year, counting the whole time in milk, commencing in her two-year-old form.

As a four-year-old she gave 23,602 pounds 10 ounces of milk in a year. Last year, after dropping her calf, she was given a butter test of thirty days, making 25 pounds 6½ ounces in a week, and 104 pounds 3½ ounces in thirty days. All grain feed was then dropped, and during the summer she had only pasture and soiling crops, and during the winter only corn ensilage, hay and roots, until a few weeks before the close of the year, when six pounds of grain per day were added to her ration. With this feed she closed her year's milk record at 20,487 pounds 13 ounces. This record, considering the feed consumed, has no equal.

Next to this cow, in the production of both milk and butter, stands her dam, Clothilde, with a milk record of 26,021 pounds 2 ounces in a year, at six years of age, and a butter record of 28 pounds 2½ ounces in a week. She averaged for the whole time in milk during her life, commencing before she was two years old, 18,579 pounds per year.

The butter records of Clothilde and her five daughters in Lakeside herd—three of them tested at three years of age—average for the six head, 22 pounds 13½ ounces, averaging for the whole number a pound of butter from 19.54 pounds of milk. The whole number, although three of them were but three years old at the time of making records, and one with only one-half an udder, averaged 16,065 pounds 6½ ounces of milk in a year. Respectfully,  
SMITHS, POWELL & LAMB.  
Syracuse, N. Y.

### Consumption Surely Cured.

TO THE EDITOR:—  
Please in your readers that I have a positive remedy for above named disease. By its timely use thousands of hopeless cases have been permanently cured. I shall be glad to send two bottles of my remedy FREE to any of your readers who have consumption, if they will send me their Express and P. O. address. Respectfully,  
T. A. SLOCUM, M. C., 181 Pearl St., New York.

### Commercial Restaurant.

One of the most popular restaurants in the city is known as the "Commercial," at 526 and 528 Kansas avenue, where everybody can get a good meal at any hour for 25 cents. Frank Long, Proprietor.

Affiance Department.

NATIONAL DIRECTORY.

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KANSAS DIRECTORY.

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Officers or members will favor us and our readers by forwarding reports of proceedings early, before they get old.

Proceedings of F. M. B. A. at Garnett.

The delegates from the different county assemblies met according to call, in Wagstaff's opera house, Garnett, Anderson Co., Kas., Tuesday, January 21, 1890. Bro. G. W. Moore, of Allen county, was chosen temporary President, and Bro. J. O. Stewart, of Franklin county, temporary Secretary. On motion, Brothers F. M. Henly, of Woodson; H. T. Stith, of Franklin; W. C. Barrett, of Osage; A. J. Survey, of Allen; J. M. Alexander, of Anderson; T. H. Padlock, of Linn; M. B. Wayde, of Coffey; D. H. Tanner, of Bourbon, and W. C. Alford, of Neosho, were chosen as a Committee on Credentials.

After a general discussion on the principles of co-operation, the Committee on Credentials reported sixty-eight delegates present from the County Assemblies of Allen, Anderson, Bourbon, Coffey, Franklin, Miami, Neosho, Osage, Linn and Woodson, representing a membership of 10,000. Report received and adopted. On motion, Bro. G. W. Moore was selected as permanent President, Bro. J. O. Stewart as permanent Secretary, and Bro. W. J. Nickolson as Vice President.

On motion, Brothers H. B. Loelle, Wm. Schoonover and M. B. Wayde were chosen as Committee on Order of Business. Bro. A. C. Shinn, of Franklin county, was introduced to the assembly, and read a paper favoring the free and unlimited coinage of silver. This was received with enthusiasm.

The report of the Committee on Order of Business was received and adopted. The following committees were appointed: Five members on Laws, Finance and Revenues; three members on Co-operation—one from each county; on Resolutions, one from each county; on Appeals and Grievances, five members.

By unanimous vote, Bro. A. C. Shinn's paper on the coinage of silver was referred to the Committee on Resolutions, and Bro. Shinn was added to the committee. After a general discussion of the principles of co-operation, the assembly adjourned until 7 p. m.

EVENING SESSION.

After divine service, the minutes of the previous meeting were read and approved. Brothers M. B. Wayde, J. W. Menely and A. D. Young were appointed a Committee on Transportation and Railways. S. S. Weatherby, of Coffey county, offered a resolution opposing the resubmission of the prohibitory amendment. On motion for adoption, a general discussion brought out the hearty support of many members, and the resolution was adopted.

A motion to hear the proffered explanation of the chairman of the State Board of Charities as to the board's action in letting beef contract for Armour & Co., Kansas City, was lost, the sentiment prevailing to let the explanation come through the newspapers. After some miscellaneous work as to instructions to the subordinate lodges, the assembly adjourned to meet at 8:30 a. m., January 22.

MORNING SESSION.

Assembly met at 8:30 a. m. After divine service the minutes of previous meeting were read and approved. Committee on Finance reported; report received and adopted. The report of Committee on Laws adopted. Report of Committee on Co-operation received and adopted. Report of Committee on Resolutions was re-

ceived, discussed, and, after some amendments, was adopted:

WHEREAS, There is a wave of financial suffering and ruin now passing over the country; therefore be it

Resolved, By this first State assembly of the F. M. B. A., assembled at Garnett, on the 21st and 22d days of January, 1890, that we endorse what is known as the St. Louis platform, calling particular attention to the silver resolution, as follows:

1. That we demand the abolition of national banks and substitution of legal tender Treasury notes in lieu of national bank notes, issued in sufficient volume to do the business of the country on a cash system, regulating the amount needed on a per capita basis as the business interests of the country expand; and that all money issued by the government shall be legal tender in payment of all debts, both public and private.

2. That we demand that Congress shall pass such laws as will effectually prevent the dealing in futures of all agricultural and mechanical productions, preserving a stringent system of procedure in trials as shall secure the prompt conviction, and imposing such penalties as shall secure the most perfect compliance with the law.

3. That we demand the free and unlimited coinage of silver.

4. That we demand the passage of laws prohibiting the alien ownership of land, and that Congress take early steps to devise some plan to obtain all lands now owned by aliens and foreign syndicates, and that all lands now held by railroads and other corporations in excess of such as is actually used and needed by them be reclaimed by the government and held for actual settlers only.

5. Believing in the doctrine of equal rights to all and special privileges to none, we demand that taxation, national or State, shall not be used to build up one interest or class at the expense of another.

We believe that the money of the country should be kept as much as possible in the hands of the people, and hence we demand that all revenues, national, State or county, shall be limited to the necessary expense of the government, economically and honestly administered.

6. That Congress issue a sufficient amount of fractional paper currency to facilitate exchange through the medium of the United States mail.

7. That the means of communication and transportation shall be owned by and operated in the interest of the people, as is the United States postal system.

8. That we call the attention of our county and subordinate lodges to the plan of relief to mortgaged farmers proposed by the Knights of Labor at their meeting in Atlanta, Ga.; "The Way Out," by the KANSAS FARMER, and the bill of like purport introduced in the Senate of the United States by Senator Cullom, of Illinois, as worthy of special study.

STATE RESOLUTIONS.

1. That we demand of the Legislature that the legal rate of interest be fixed at the rate of 10 per cent., and a law providing for the forfeiture of both principal and interest as a penalty for charging more than the legal rate.

2. That we demand of the Legislature a law compelling the Legislature and the County Commissioners to let the State and county printing to the lowest responsible bidder.

3. That we favor a radical but discriminating reduction in the salaries of county officers.

4. That we demand of the State Legislature a law providing for a uniform series of school books at cost to the public schools of this State.

The following resolution was offered by Bro. J. P. Stevens, of Franklin county. On motion of adoption much discussion ensued, but motion prevailed:

Resolved, That the State association of F. M. B. A. demand of Congress to pass the law recommended by the Knights of Labor, at Atlanta, to give relief to mortgaged debtors, and recommend county assemblies and local lodges to petition Congress to that effect.

On motion, the rules were suspended and the following officers were selected for the ensuing year: President, G. W. Moore, Carlisle, Allen county; Vice President, W. J. Nickolson, Miami county; Secretary, J. O. Stewart, Norwood, Franklin county; Treasurer, C. F. Huckleberry, Woodson county; State Business Agent, M. B. Wayde, Coffey county; Chaplain, J. P. Stephen, Franklin county.

Iola was selected for the place of the next annual meeting, the third Tuesday in October.

A motion prevailed that all delegates from county assemblies that have not paid their dues be requested to send them immediately to the State Secretary.

A vote of thanks was given to the Committee on Entertainment.

After much work pertaining to the interest of the order, on motion the assembly adjourned. G. W. MOORE, President. J. O. STEWART, Secretary.

Report of the Committee on Laws: We, your Committee on Laws, would respectfully recommend that the State Assembly adopt the laws laid down in the constitution of the General Assembly governing State assemblies, county assemblies and subordinate lodges.

Report of the Committee on Co-operation: We, the Committee on Co-operation, would respectfully submit and recommend:

1. That the various farmers' and workmen's organizations do form confederations, offensive and defensive, against the common enemy of the whole industrial people, and that the town and other laborers who are not eligible to membership in our order do form similar organizations and co-operate with us in the common cause of reformation.

2. A State Business Agent shall be elected by the State Assembly to co-operate with the State Business Agent of the alliance and kindred organizations.

3. We recommend that county assemblies do elect a County Business Agent to co-operate with the State Business Agent of the State Assembly.

4. If the county assemblies authorize co-operative business in their respective coun-

ties, they may co-operate through the County or State Business Agent.

5. We recommend that all co-operative business of counties shall be based upon the Rochdale plan of co-operation.

6. The F. M. B. A. is wholly devoted to the ties and interests of farmers; to the best interests of laborers in general; to the best interests of the country at large. To subserve these interests it is willing to make any sacrifice save that of consolidation.

Grange and Alliance.

Committees that had been previously appointed by the grange and the alliance, and their names duly published, met at the Fifth Avenue hotel, Topeka, January 23, 1890, and after due consideration of all matters proposed, the following preamble and resolutions were unanimously adopted:

WHEREAS, The financial policy of this government has been such that the circulating medium has contracted until it is insufficient to meet the business demands of the country, causing a depression of agricultural industries and placing the wealth producers at the mercy of the money power; therefore

Resolved, (1) We demand that no class of securities shall be substituted for government bonds as a basis of security for national bank notes for the purpose of perpetuating the national banking system; that no more national banks shall be chartered, and no charters now in existence shall be renewed; that legal tender Treasury notes be issued by the government in lieu of national bank notes, when such national bank notes shall be retired; that the amount of such notes shall be regulated on a per capita basis as the population of the country increases; that the volume shall be increased sufficiently to meet the demands of the business interests of the country, and that they be made a full legal tender for all debts both public and private.

2. We demand the free and unlimited coinage of silver or the issue of silver certificates against an unlimited deposit of bullion, which certificates shall be a legal tender for all debts both public and private.

3. We demand that Congress shall pass such laws as shall effectually prevent the dealing in futures in all agricultural and mechanical productions, preserving such a stringent system of procedure in trials as shall secure prompt conviction, and imposing such penalties as shall secure the most perfect compliance with the law.

4. We demand the passage of laws prohibiting alien ownership of land, and that Congress take early steps to devise some plan to obtain all lands now owned by aliens and foreign syndicates, and that all lands now held by railroad and other corporations in excess of such as are actually used and needed by them, be reclaimed by the government and held for actual settlers only.

5. Believing in the doctrine of "equal rights to all and special privileges to none," we demand that taxation, national or State, shall not be used to build up one interest or class at the expense of another.

We believe that the money of the country should be kept as much as possible in the hands of the people, and hence we demand that all revenues, national, State or county, shall be limited to the necessary expenses of the government, economically and honestly administered.

6. We demand that Congress provide for the issue of a sufficient amount of fractional paper currency to facilitate exchange through the medium of the United States mail.

7. We demand that the government shall control the means of communication and transportation to the extent of insuring their operation in the interest of the people, with due regard to the rights of those owning and operating the same.

8. We demand such legislation as shall effectually prevent the extortion of usurious interest by any form of evasion of statutory provisions.

9. We demand such legislation as will effectually prevent the organization or maintenance of trusts and combines for purposes of speculation in any of the products of labor or necessities of life, or the transportation of the same.

10. We demand the adjustment of salaries of public officials to correspond with existing financial conditions, the wages paid to other forms of labor, and the prevailing prices of the products of labor.

11. We demand the adoption of the Australian system of voting and the Crawford county system of primaries.

12. That all text books for use in common schools should be compiled, printed and bound by the State and be furnished to pupils at cost.

13. That we advocate free sugar (with bounty to home producers equal to present tariff duties).

14. That we recommend to our respective orders a hearty and earnest co-operation in business matters, so far as the same may be deemed practical.

HENRY RHOADES, A. F. ALLEN, D. S. FAIRCHILD, S. M'CALLIN, EDWIN SNYDER, W. H. BIDDLE,

On motion, it was decided that the recommendation contained in the paper of John G. Otis, in regard to establishing minimum prices of farm products, be sent to the local alliances for their action. Also that the paper submitted by John G. Otis be published by the Kansas Patron, KANSAS FARMER and the Advocate.

Mr. Otis' paper will appear in KANSAS FARMER next week.—EDITOR.

Oak Grange Institute.

Following is the program of the Farmers' Institute to be held at Oak Grange hall, seven miles southwest of Topeka, beginning at 7:30 p. m., Tuesday, the 4th day of February next, and continuing over the next day:

"How Can We Make Our Lands More Productive and Profitable?" by O. W. Sidwell; "The Cost of Production of Corn in

Shawnee County," by A. H. Buckman; "What is the Matter With the Farmer?" by P. J. Spreng; "The Cost of Producing Beef and Pork in Shawnee County," by J. B. Sims; "Is Education Necessary to Success in Agriculture?" by R. G. Ford; "Light is Dawning," by M. Mohler; "Preservation and Application of Manure and Its Effects," by Thomas Buckman; "The Free Coinage of Silver," by W. A. Peffer; "What Kind of Farming Pays?" by H. H. Wallace; "Lessons of the Drouth," by J. B. McAfee; "Clover as a Farm Crop and Fertilizer," by Bradford Miller; "Is the Dairying Business a Failure in Kansas? If so, Why?" by John G. Otis; "The Cost of Producing Wheat in Shawnee County," by Thomas White; "The Educational Value of Farmers' Institutes," by John McDonald; "The Beef Industry," by Wm. Sims; "Most Profitable Horses to Raise," by D. T. Furbeck; "Our Public Roads," by E. M. Cochere.

Alliance Exchange--President's Circular to Sub-Alliances.

TOPEKA, KAS., January 20, 1890.

I want to say to the members of the alliance that we will soon issue circulars for the handling of grain north of the Union Pacific railroad. Bro. Tyler has made arrangements with a firm in Chicago. We also have arrangements with two firms in St. Louis, and we are trying to get a market in Kansas City for your grain. Now you must recollect that "in unity there is strength." We must all pull at the same end of the rope and all pull at once if we succeed. The exchange is now ready for business. Send in your orders and patronize your own institution when you can do as well as you can with the local dealer. We must combine our efforts and work as a unit. We look around and see most all other businesses are prospering and inquire what is the matter. You go to the other fellow and he will tell you that the farmers are a set of blockheads and cannot agree upon any one thing. He is willing to own that we are able to do our own business if we could only work together. Are you willing to acknowledge your inability to transact your own business? If so, go to the other fellow and he is willing to help you as he has been helping you the last twenty years. Yes, he will look after your financial interest until he has skinned you from top to bottom, then he will tell you that you were too extravagant, that you lived too fast, that your wife dressed too fine, and your children went to school when they had better have been at home working.

Now, brethren, how long will this state of affairs last? Come forward like men and show the world that you are able to look after your own interests, and your farm will be better tilled, the crops will be more bountiful, the fruit more delicious, the flowers more fragrant, your wife more cheerful; all the family will rejoice at the new order of things, and you will be a better and happier man. Wouldn't you rejoice to be able to go on the market once more and demand a price for your products? Don't you think that you would feel that the millennium had come, and that once you were an independent man? Now this can all be done if we will live up to our declaration of purposes.

Caution.—As many petitions will be presented for your names, be careful what you sign. Have your Secretary write with red ink in the body of the petition, lengthwise, to whom and for what purpose it will be used. Write names on lines over description. Yours fraternally,

G. H. BENSON, President Kansas Alliance Exchange.

Co-operation in Selling Stock.

EDITOR KANSAS FARMER:—From the reports of what was done at the stockmen's convention, it seems to me they left their work one-half done. I heartily agree with their action against the combines, etc. But we cannot expect much relief till we stop overcrowding the large cattle markets of the country. There has not been ten days for the past four years but that there has been from 500 to 5,000 more cattle in the Kansas City stock yards than the demand called for. The result is the cattle are sold for whatever is offered. If there should be a lack of 1,000 cattle to supply the demand of the market at Chicago or Kansas City for ten consecutive days, we would all expect and realize that the price would advance \$1 per hundred-weight. Besides an overcrowded market, we ship our stuff unsold and must sell or the charges for keep will soon take the cattle.

In the absence of a better plan, I will give mine, and ask the cattlemen to discuss it and then call a meeting of the convention to take some action in this line or some other that may seem more feasible to accomplish the desired result: Through a committee of stockmen and stock commission men, establish grades of all kinds of cattle to be sold. Let the stockmen of any township appoint one man to keep a daily correspondence with some commission men and through them receive offers for different grades of cattle whenever any one wishes to sell. If the price does not

suit, the owner need not accept, and he can go on feeding, as the cattle are at home. If he accepts the offer, he ships the cattle. Of course there would be some disappointment, as some owners would grade their cattle too high; but time, patience and a desire to make such a thing a success would accomplish much towards solving the beef question.

The farmers' alliance through its subordinate branches could do much in this matter. Will we do it? Let us hear through your paper this thing thoroughly discussed. E. C. COWLES. Sibley, Douglas Co., Kas.

From Neosho County.

EDITOR KANSAS FARMER:—Hazel Dell Alliance, No. 518, of Neosho county, Kas., heartily indorses the declaration of principles set forth by the National Farmers' Alliance and Industrial Union and the Knights of Labor of America, in convention at St. Louis in December last; and

WHEREAS, Under our present system we are not provided with a uniformity of text books in our public schools within the State of Kansas; and

WHEREAS, Renters moving from one district to another are either compelled to remain out of school or be put to the expense of purchasing new books; and

WHEREAS, A State uniformity of books would enable the schools to be better graded; and

WHEREAS, Section 72, chapter 171 (section 2 of the school laws of 1885), falls short of the desired end; therefore be it

Resolved, That it is the sense of Hazel Dell Alliance, No. 518, county of Neosho and State of Kansas, that the State should adopt a uniformity of text books which the State should furnish to the districts at cost; and be it further

Resolved, That this article be sent to the KANSAS FARMER for publication, and that other alliances over the State be requested to act on the same and to report the result of their action to said paper for publication.

D. MILLER, E. D. CALL, W. C. HIGGINS, JOHN M. BALL, A. C. SHEPHERD, Committee.

Galesburg, Kas., January 23, 1890.

Organization Notes.

At its last meeting the Sumner County Alliance reported 1,400 members.

The Butler County Alliance met at El Dorado recently and passed a resolution calling for an extra session of the Legislature.

The good news comes to us from Oxford, Sumner county, that the alliances in that locality are building an elevator of their own.

If the present rate of increase continues the farmers' alliance, grange and F. M. B. A. will soon have a majority of the total vote of Kansas.

There will be a meeting of the F. M. B. A. in the court house at Paola, Miami county, on Saturday, February 1, at which business of various kinds will be transacted. All members who can should attend.

V. W. Brown, Section, Coffey county, writes for sample copies and says: "As a consistent member of the F. M. B. A., I am advocating the cause of the KANSAS FARMER. It is the paper for all members in the State."

The alliances of Elk county held a session recently, at which Mr. Clover, the worthy State President and National Vice President, delivered a public lecture, which is very highly spoken of by those who had the pleasure of being present.

D. Shull, Secretary of Alliance No. 504, Osage county, writes: "I am working to have every member take some paper published in their interest, and after carefully examining a number of publications have decided to get up a club for the KANSAS FARMER."

L. L. Keine, County Organizer for Shawnee county, organized an alliance on the 24th inst. at Seabrook, with a membership of thirty and some fifteen more ready to join at next meeting. L. Kuykendall was elected President and J. N. Hopper Secretary.

All subordinate alliances of Morris county have been notified to meet at the court house in Council Grove to-day (January 29) at 11 o'clock a. m., for the purpose of receiving the new work and instructions of the order. L. Current, of White City, is President of the Morris County Alliance.

The Reno County Alliance met at Hutchinson on Thursday with 125 delegates in attendance, representing forty-six sub-alliances. This is one of the best and most thoroughly organized counties in the State. They have a membership of 2,500 and rapidly increasing, both in members and enthusiasm.

S. M. Scott, Organizer for the counties of Rooks, Phillips, Osborne and Smith, writes under date of 17th inst. that he has organized twelve sub-alliances since last Saturday week, with a total membership of 233. He sends for sample copies and says that he considers the KANSAS FARMER the best paper in the State.

F. C. Kessler, of Washington, Kas., in writing for sample copies of the KANSAS FARMER, says that he has organized over 100 sub and four county alliances, twenty-eight of which are in Washington county. He says that they organized the Washington County Alliance on the 4th inst. with a large and enthusiastic body of farmers.

The Hutchinson News has taken a step in the right direction, in appealing to the railroads to reduce the rates on corn to a point which will enable the farmers to market it. The News has sent to over 1,200 alliances and all the boards of trade in the State petitions for signatures. These petitions are addressed to all railroads in Kansas, asking them to make an emergency rate to move this crop, and calls attention to the fact that the present tariff rate was made when corn was selling at 40 and 50 cents per bushel.

W. S. Ross, Organizer for Franklin, Osage and Wabance counties, writes us that he organized four alliances in Franklin county last week, as follows: (1) Wirefield Alliance—V. Weinheimer, President; N. R. Evans, of Po-

mona, Secretary. (2) South Centropolis Alliance—W. L. Delano, President; W. H. Martin, of Ottawa, Secretary. (3) Fairview Alliance—W. B. Sutherland, President; J. H. Bean, of Ottawa, Secretary. (4) Appanoose Alliance—R. W. Kratz, President; Henry Kratz, of Pomona, Secretary. Mr. Ross says that he would be glad to correspond with any one in these counties who desires to have an alliance formed. They have thirty-four alliances in Osage county.

Proceedings of the Late Meeting of the Swine-Breeders at Topeka.

A meeting was called to meet in the club rooms of the Copeland hotel at 10 a. m. on the 9th. Our President and Vice President being absent, W. S. Hanna was called to the chair. Meeting opened by Secretary reading constitution and by-laws and premium list; after which the following resolution was adopted:

Resolved, That this meeting of swine-breeders here present endorse the action of the Kansas Swine-breeders' Association, as organized at Wichita, and recommend that the breeders of the State in general co-operate with that association and send their names to the Secretary for enrollment, and urge all breeders to be present at the next annual meeting during the State Fair at Topeka.

Some discussion was then had on premium list, and an addition to breeders' ring was voted on and carried; it reads as follows:

Best boar and four sows over one year old, first and second. Also a resolution was recommended that in sweepstakes "all breeds competing" be entirely left out as it caused dissatisfaction and ill-feeling among the breeders. But we think that this can now be easily overcome as the association of national expert judges have adopted a card whereby all breeds can be judged, and this card is what our association has adopted, so that it is a fact that the highest scoring hog is the one that will win, as the hogs will not have to be gone over but once; all will be scored by one card and all will be fairly treated. Furthermore due notice of a change had not been given.

A committee on programme was appointed as follows: James Mains, Oskaloosa; F. V. Close, Abilene; George W. Berry, Berryton; O. B. Stauffer, Aiden. Several of the breeders then came forward and enrolled themselves as members of the association and paid the \$1.00 admission fee: W. S. Hanna, breeds Poland-Chinas, Ottawa; James Mains, Poland-Chinas, Oskaloosa; W. W. Phillips, director in charge swine department, State Fair, Topeka; George W. Berry, Berkshires, Berryton; J. H. Taylor, Poland-Chinas, Pearl, Dickinson Co.; and R. B. Griffith, Kansas City. Those who have sent me admission fees are: F. W. Trusdell, Poland-Chinas, Lyons, Kansas, and Col. S. M. Delap, Small Yorkshires, Iola.

I am now well satisfied that our association is going to be a grand success. It will take a little time to get everything in first-class working condition, and it will not be long until our meetings will be well attended and enthusiastic. Should not this be the case the breeders in Eastern Kansas, I am satisfied, will do their whole duty and will help along in every way that is honorable; they are thinking men, and men that are second to none as breeders. Now, Brother Breeders, the way to make a thing a success is to help it along, lend it your influence, talk it up, urge breeders to join the association, and in this way it will be but a short time until nine out of ten of the breeders will be members of the association. But the standard committee did not get to organize or do any work at all, as none of the members of said committee were present except Mr. Hanna and myself. This committee should have a meeting and all be present, at some suitable place, where subjects of the different breeds could be had to pass on, so we could compare notes and even up and come together understandingly. But three of the breeders who were at Wichita were at Topeka: Mr. Hubbard, of Wellington, Mr. Cook, of Wichita, and myself.

It was suggested at the Topeka meeting that a meeting be called to meet in February for the purpose of expediting about two or three days duration and such other business that might come before the meeting. How about this, Brother Breeders? Where is the best place for holding this meeting to make it a success in every way and still be as near the members, or as centrally located for the members of said committee, as possible? O. B. STAUFFER, Secretary. Aiden, Rice Co., Kansas.

Olay County Herd Poland-Chinas.

Our illustration on page 3 introduces a new customer to our readers of a representative and creditable establishment, the Olay County herd of Poland-Chinas owned by Robert Rounds, Morganville, who states that his excuse for not advertising long ago in this paper was because his surplus was readily taken by home customers, but that now his herd has been enlarged and he is prepared to supply distant customers and refers intending purchasers to his old customers as to the quality of his stock and fair treatment of customers.

Mr. Rounds has spared no expense to fit up a strictly first-class herd. He has

GEO. R. BARSE, President.

J. H. WAITE, Sec'y and Treas.

BUSINESS ESTABLISHED 1871.

Geo. R. Barse Live Stock Commission Company,

(CAPITAL STOCK \$150,000.)

Kansas City Stock Yards.

DIRECTORS:

GEO. R. BARSE, GEO. D. FORD,

D. T. BEALS, J. H. WAITE,

T. E. LADD, W. E. THORNE,

KANSAS CITY, KANSAS.

added to his breeders choice animals from the well known herds of Dorsey & Sons, A. C. Moore & Sons and Park Hammond, of Illinois, Lampe Bros., Van Wert, Ohio, Levi Arnold, Plainwell, Mich., and from other noted herds. Mr. Rounds says:

"My aim is to produce a hog with style and perfection, one that will possess good feeding qualities and fatten at any age, and to thus keep my herd at the front so it will be second to none in the west. The breeders of Kansas and adjoining States can thus find a good herd very near home to purchase from. My prices are as low as the investment made and the class of stock kept will admit. Nothing but first-class pigs will be shipped. A cordial invitation is extended to all to visit my herd, and if it is not found as represented the expense of visitors will be paid by me. My thanks are extended for the patronage already so liberally bestowed. Look up advertisement in this issue."

Gossip About Stock.

During the year 1889 the Chicago stock yards received 1,832,469 sheep. The greatest number in one day was 13,727 on October 11.

The United States Merino Sheep Registry Association held its annual meeting Thursday last, January 23, at Steubenville, Ohio.

The heaviest wether under one year old, shown at the Birmingham, England, Fat Stock Show, was an Oxford Down, that weighed 198 pounds at the age of 291 days.

D. K. Dorsey, of Custer county, Nebraska, says: "To cure a cough in hogs or expel worms from pigs, put 1 1/2 table-spoonsful of Sul. acid in a bucket of slop."

T. Outhier & Son, Maryville, Mo., report the outlook for this season encouraging and they are doing a good business. Their horses are all in splendid condition, and the young animals are all making a good growth.

Indications are that many farmers propose to turn their attention from cattle to the raising of sheep, as there is more money in breeding the latter than the former at present prices. We would suggest that our farmers should not rush to another extreme, but that every farm should have both.

Graham County Times: H. S. Hogue informed us that he killed a hog of the Poland-China breed, sixteen months old, that dressed 440 pounds. He also said that H. C. Sierrett killed a mate to it a few days ago that dressed 450 pounds. Mr. Hogue is decidedly of the opinion that it pays to raise Poland-China hogs.

Never in the history of the cattle business were so many she cattle being fed for market as now, even thousands of heifer calves as well as one, two and three-year-old heifers. It is a new condition but the low price compels the stockmen to curtail the supply as one of the means of restoring prices that will pay cost of production at least.

E. Bennett & Son, Topeka, have gotten out a mammoth 170 page catalogue for 1890 of imported Clydesdale, Percheron and Coach horses. It is the largest illustrated catalogue of stock of any kind ever issued in the State. It is from the presses of Hall & O'Donald Lithographing Company. Topeka, reflecting great credit to them for this class of work.

Every breeder of Aberdeen-Angus cattle should write to Thos. McFarland, Secretary and Treasurer, Iowa City, for a copy of a late pamphlet containing the charter, constitution and by-laws of the association and the rules governing entries, also condensed report of the last annual meeting held at Chicago, November 14th. The price of herd books has been reduced from \$3 and \$5 to \$2 and \$3.

Mr. Mark C. Farr, whose advertisement appears in our columns this week, has recently purchased the entire business of Mr. J. F. Swab, creamery and dairy supply dealer, and general western agent for De Laval Separator Company, including all

his patents on cans and ventilated milk coolers, and having been the manager of the old house for the past five years previous to purchasing the business, is well posted as to what the creamery requires to run successfully. He has during the past few years superintended and put in a large number of creamery plants and at prices which have been satisfactory to all concerned. His factory and ware rooms are large and commodious and his machinery of the latest patterns, and prompt attention to orders is the motto of the house. We shall take pleasure in having our patrons patronize Mr. Farr.

The proceedings of the eighth annual meeting of the National Swine-breeders' Association are now being distributed. The meeting was one of the most largely attended and important ones held by the association since it was organized. A wider range of thought and study and a greater contrast between careful preparation and no preparation at all are seen in the proceedings than in any former publication made by the association. Every member of the association is entitled to a copy postpaid. If you are not a member or have not yet paid your annual dues, write to the Secretary, Phil. M. Springer, Springfield, Ill., enclosing \$1.00 and he will gladly mail you a copy. Every swine-breeder in the land should have a copy and read it carefully.

BENHAM'S PILLS cure bilious and nervous ill.

McPherson County Farmers' Fire Relief Association.

Endorsed by the State Alliance as the State Alliance Insurance Company of Kansas. A. F. WAUGH, President, FRED JACKSON, Sec'y, McPherson, Kas. McPherson, Kas.

Jacks and Jennets for Sale.

We have on hand twenty-three head of jacks and jennets for sale, all splendidly bred, 2 to 6 years old, good bone, style and color. Will have our annual public sale, February 14, 1890. Catalogue on application by January 15. Also five fancy young stallions. Jacks thoroughly acclimated. ANDERSON, KIMBROUGH & BASS, Columbia, Mo.

Every Lady Her Own Physician.

A lady who for many years suffered from Uterine Troubles—Falling, Displacements, Leucorrhoea and Irregularities, finally found remedies which completely CURED her. Any lady can take the remedies and thus cure herself without the aid of a physician. The recipes, with full directions and advice, securely sealed, sent FREE to any sufferer. Address, Mrs. M. J. BRABIE, 252 South Tenth St., Philadelphia, Pa. (Name this paper.)

2,100 DOZEN FREE!

2,100 Dozen pairs Ladies Fine Fall and Winter Hosiery given absolutely free to introduce the Household Companion. They are heavy, warm, well made, fashionable, solid colors, stripes, checks, all the popular shades cardinal, navy blue, seal brown, black, slate tan, in fact style and colors to suit all tastes. Don't pay \$5 to \$7 1/2 cts. for pair of Fall and Winter hose when you can get a dozen for nothing. The old reliable Household Companion, of New York, is a complete family paper richly illustrated, containing serial and short stories, romances, sketches, wit, humor, fashion, household hints, stories for children, &c., & ranks among the first Metropolitan Journals. Positively the entire lot (2,100 doz.) to be given away during the next 60 days. We also send the Household Companion 6 months free to 2,100 persons who will answer this advertisement and send us the address of 20 newspaper readers from different families. To the clubraiser, or the list of 20 subscribers we send 1 dozen pairs of these beautiful and useful articles. We are determined to lead the race in premiums, hence this liberal inducement. It is a colossal offer and will not appear again. If you want a dozen fashionable, fine hosiery send 15 cts. in silver or stamps, to help pay postage, printing, &c., and names of 20 newspaper readers, and you will receive paper 6 months and the premium hose as described. Address, Household Companion, 257 Broadway, N. Y.



This Offer Was Never Equalled!

## The Home Circle.

### To Correspondents.

The matter for the HOME CIRCLE is selected Wednesday of the week before the paper is printed. Manuscript received after that almost invariably goes over to the next week, unless it is very short and very good. Correspondents will govern themselves accordingly.

### Demeter and Persephone.

[Lord Tennyson's latest work.]

Demeter—Faint as a climate-changing bird,  
That flies  
All night across the darkness, and at dawn  
Falls on the threshold of her native land  
And can no more, thou comest, O my child,  
Led upward by the god of ghosts and dreams,  
Who laid thee at Eleusis, dazed and dumb  
With passing through at once from state to  
state,  
Until I brought thee hither; that the day  
When here thy hands let fall the gathered  
flowers  
Might break through crowded memories once  
again  
On thy lost self. A sudden nightingale  
Saw thee and flushed into a frolic of song  
And welcome. And a gleam, as of the moon  
When first she peers along the tremulous deep,  
Fled wavering o'er thy face, and chased away  
That shadow of a likeness to the King  
Of Shadows, thy dark mate, Persephone.  
Queen of the dead no more, my child, thine eyes  
Again were human, godlike; and the sun  
Burst from a swimming fleece of winter-gray,  
And robed thee in his day from head to feet.

Persephone—Mother, and I was folded in thine  
arms.

Demeter—Child, when thou wert gone  
I envied human wives and nested birds;  
Yea, the cubbed loneliness; went in search of thee  
Through many a palace, many a cot, and gave  
My breast to ailing infants in the night,  
And set the mother waking in amaze to find  
Her sick one whole; and forth again I went  
Among the wall of midnight winds, and cried:  
"Where is my loved one? Wherefore do ye  
weep?"

And out from all the night an answer shrilled:  
"We know not, and we know not why we weep."  
I climbed on all the cliffs of all the seas  
And asked the waves that moan about the  
world:  
"Where do ye make your moaning for my  
child?"

And round from all the world the voices came:  
"We know not; and we know not why we  
moan."

Trace of thee  
I saw not; and, far on, and, following out  
A league of labyrinthine darkness, came  
On three gray heads beneath a gleaming rift,  
Where and I heard one voice from all the three:  
"We know not, for we spin the lives of men,  
And not of gods, and know not why we spin.  
There is a fate beyond us."

Those gray heads,  
What meant they by their fate beyond the fates,  
But younger, kinder gods to bear us down,  
As we bore down the gods before us; gods  
To quench, not hurl the thunderbolt; to stay,  
Nor spread the plague, the famine; gods, in-  
deed,  
To send the noon into the night, and break  
The sunless halls of Hades into Heaven,  
Till thy dark lord accept and love the sun,  
And all the shadow die into the light;  
When thou shalt dwell the whole bright year  
with me  
And souls of men who grew beyond their race  
And made themselves as gods against the fear  
Of Death and Hell. And thou, that hast from  
men,  
As Queen of Death, that worship which is fear,  
Henceforth as having risen from out the dead,  
Shalt ever send thy life along with mine.

### WASHING WOOLENS.

Owing to the serrate formation of wool in which each woolly filament is covered with minute scales, a decrease of temperature while wet causes a contraction of the fabric whereby these little scales are closely knitted or hooked together, and this condition is not overcome by a corresponding increase of temperature. Each contraction causes a proportionate shrinkage. Therefore woollens should be washed in water of the same temperature as the surrounding air. In no case should they be subjected to a lower degree of air or water. Observe how flannels washed, perhaps, in hot water and hung out-doors on a freezing day will contract almost perceptibly.

Woolen goods should be squeezed and pressed until clean. Rubbing them causes the scale-like fibers to become matted together and the fabric is thickened, hardened and shrunken. Examine the seams, which have been much rubbed by wear, of a wool dress and note how they are literally felted together.

Borax, because of its strength and yet mild uncorrosive nature, is the best alkali to use. Ammonia, washing soda, etc., are too harsh for flannels. Dissolve the borax in either hot or cold water and bottle for the purpose. Hot water will absorb about six times as much as cold. The quantity to be used depends somewhat upon how soiled the articles to be washed are. It is better to use plenty, as it cannot injure the fabric and the dirt can be removed with less handling. Allow the goods to soak in the

borax water or soapsuds several hours, press and squeeze until clean, rinse thoroughly several times, adding a little bluing to the last water if desired; at this point, after the water has been wrung from the flannels, work and press into each piece a few drops of glycerine. The quantity is not arbitrary. One-half table-spoonful to one pound of dry flannel is an average quantity. The glycerine supplies the original natural oil of the wool, and its use was suggested by the fact that sponge pillows and mattresses are treated in this way to make the sponge soft and elastic. Wool, at one point of the preparation for weaving, is sprinkled with olive oil. After adding the glycerine, pull and shake each piece into shape and hang to dry. Shrinkage seems to be somewhat diminished by this pulling, as wool goods while wet may be shaped and stretched, to a certain extent.

If white flannels are old and yellow they may be beautifully bleached, and for this purpose should be taken when about half dry, hung on cords stretched in a tight box, barrel or portable wardrobe. Sprinkle sulphur on a few live coals placed in a flower-pot saucer, set on a brick in the bottom of the barrel, which should then be tightly covered. The articles must not be hung too near the coals to scorch. Sulphur fumes are very corrosive, and the bleaching should be done out-doors or in a room with doors and windows open. Too much sulphur will rot the fabric. One-half or one teaspoonful in a barrel is a fair quantity. After bleaching half an hour the articles will be, if the directions have been followed, just damp enough to press nicely. The irons should not be too hot and a piece of muslin should be laid over the goods while pressing. If a smooth surface is desired, press until perfectly dry; if the nap is wished raised, remove the muslin while the steam is still rising. Blankets should not be ironed. Flannels are warmer before ironing, as there is a greater amount of air space between the fibers. For this reason the same weight of fluffy, loosely-woven wool is much warmer than when closely woven, though the latter is stronger. Old shrunken baby flannels, too good to throw away but too hard and yellow to be presentable, have been washed as described and made as soft and white as new.

If the above directions are followed the bleaching process will not often be necessary. Someshrinkage is inevitable, though long, hair-like wool, which has fewer serrations, shrinks least. Some of the imported wools for knitting and crocheting are of this quality. Flannel containing part cotton usually shrinks less than all wool.

For washing woollens which are but slightly soiled, or outer garments which cannot well be taken apart and pressed, benzine or gasoline is excellent. Use a sufficient quantity to cover the articles, press and squeeze until clean. Work fast that as little be lost by evaporation as possible. Wring and pour the benzine remaining in a bottle, and cork. If the garment is much soiled, rinse in more benzine and save what is left. The impurities will settle, leaving the clear benzine to be used and re-used as long as any remains. The articles washed in this way should be shaken and hung in the air to lose the disagreeable odor. A little pressing will complete this process, which, owing to the volatile and explosive nature of both benzine and gasoline, should not be performed in a room where there is a fire or a light.—*Good Housekeeping.*

### "The Bloomer Costume."

The following letter from Mrs. Amelia Bloomer, whose name became world-famous years ago in connection with what was known as the "Bloomer costume," is printed in the January *Ladies' Home Journal*, and has a keen degree of interest in that Mrs. Bloomer denies the credit of introducing the costume in America. This letter, recently written, is now produced in print for the first time:

COUNCIL BLUFFS, IOWA.

MY DEAR SIR:—I hardly know how to write about the "costume" associated with my name. But I was not its inventor or originator, as is so generally believed. In March, 1851, Elizabeth Smith Miller,

daughter of Hon. Gerritt Smith, of Peterboro, N. Y., visited her cousin, Elizabeth Cady Stanton, at Seneca Falls, N. Y., which was then my home and where I was publishing *The Lily*, and where Mrs. Stanton also resided. Mrs. Miller came to us in a short skirt and full Turkish trousers, a style of dress she had been wearing some two months.

The matter of woman's dress having been just previously discussed in *The Lily*, Mrs. Miller's appearance led Mrs. Stanton to at once adopt the style, and I very soon followed, Mrs. Stanton introducing it to the Seneca Falls public two or three days in advance of me. In the next number of my paper following my adoption of the dress (April, 1851), I wrote an article announcing to my readers that I had donned the style to which their attention had been called in previous numbers.

The *New York Tribune* noticed my article, and made it known to its thousands of readers that I had donned a short skirt and trousers, and from this it went from paper to paper throughout this country and countries abroad. I found myself noticed and pictured in many papers, at home and abroad. I was praised and censured, glorified and ridiculed, until I stood in amazement at the furor I had wrought by my pen while sitting quietly in my little office at home attending to my duties.

Suffice it that it was the press at large that got up all the excitement and that named the dress. I never called it the "Bloomer costume." With me, it was always the short dress and trousers. It consisted of a skirt shortened to a few inches below the knees and the substitution of trousers made of the same material as the dress. In other respects, the dress was the same as worn by all women. At the outset, the trousers were full and baggy, but we improved upon them by making them narrower and gathered at the ankle, and finally by making entirely plain and straight, falling to the shoe like the trousers of men.

To some extent, I think the style was adopted abroad, but not largely; or, for that matter, at home. There were individuals here and there who gladly threw off the burden of heavy skirts and adopted the short ones; but soon both press and people turned upon their ridicule and censure, and women had not the strength of principle to withstand the criticism, and so returned to their draggling skirts. For myself, I wore the short dresses and no others, at home and everywhere, for six or seven years, long after Mrs. Stanton, Lucy Stone and others had abandoned it. Lucy Stone wore the dress several years, traveled and lectured in it, and was married in it, I think. None of us ever lectured on the dress question, or in any way introduced it into our lectures. We only wore it because we found it comfortable, convenient, safe and tidy—with no thought of introducing a fashion, but with the wish that every woman would throw off the burden of clothes that was dragging her life out.

This dress question has been of secondary importance with me, and it is not for that I wish to be remembered. As you will see from what I have written above, a wrong impression prevails in regard to my part in that matter. I was not its originator. I adopted the style and made it known to the public. The press did the rest.

I am not lecturing at all these last few years. A throat difficulty and my 70 years have compelled me to retire from active participation in works for the advancement of woman.

Respectfully yours,  
AMELIA BLOOMER.

### The Neglect of the Yosemite Valley.

"A competent judge has characterized the announced policy of an active member of the Yosemite Valley Commission to 'cut down every tree [in the valley] that has sprouted within the last thirty years' as a policy 'which, if it were carried out, would eventually result in an irreparable calamity—a calamity to the civilized world.' This member is represented as declaring that his policy has the support of the commission; it remains to be seen whether his associates will follow such fatuous leadership. But the history of the Yosemite makes it only too probable that a crisis in its management is near at hand.

"The American people are probably not aware of their proprietorship in the Yosemite. In 1864, by act of Congress, the valley and the grounds in the vicinity of the Big Trees of Mariposa were granted to the State of California 'with the stipulation nevertheless that the said State shall accept this grant upon the express conditions that the premises shall be held for public use, resort and recreation; shall be inalienable for all time,' etc. Thus is recognized by moral law the claim of all humanity to an interest in the preservation of the wonders of the world. A citizen of New York is as much one of the owners of the Yosemite as a citizen of California, and his right to be heard in suggestion or

### WELLS, RICHARDSON & CO'S IMPROVED

## Butter Color.

EXCELS IN STRENGTH  
PURITY  
BRIGHTNESS

Always gives a bright natural color, never turns rancid. Will not color the Buttermilk. Used by thousands of the best Creameries and Dairies. Do not allow your dealer to convince you that some other kind is just as good. Tell him the BEST is what you want and you must have Wells, Richardson & Co's IMPROVED BUTTER COLOR. For sale everywhere. Manufactory, Burlington, Vt.

### BABY PORTRAITS.

A Portfolio of beautiful baby pictures from life, printed on fine plate paper by patent photo process, sent free to Mother of any Baby born within a year. Every Mother wants these pictures; send at once. Give Baby's name and age.  
WELLS, RICHARDSON & CO.  
BURLINGTON, VT.

protest is as undoubted. There are, unfortunately, a few resident Californians who are well acquainted with the valley. An actual count has indicated that one-half of the visitors are foreigners, chiefly Englishmen, while one-fourth are from the Eastern States. The opinion of these 'outsiders' might be supposed to have a special value, being disconnected with the local dissensions which have gathered about the valley. \* \* \*

"It is unfortunate that the first public presentation of the subject and the resultant investigation by the Legislature of California were complicated by personal, political and commercial considerations to such an extent as to obscure the important point—Has the treatment of the Yosemite landscape been entrusted to skillful hands? We have before us the report of this investigation, together with a large number of photographs showing the conditions of portions of the valley before and after the employment of the ax and the plow. Without going into the details of the alleged abuses, monopolies, rings and persecutions, it is easy to see in the above testimony and photographs abundant confirmation of those who hold that the valley has not had the benefit of expert supervision. In saying this we are not impugning the good faith of past or present commissions or commissioners, appointed for other reasons than their skillfulness in the treatment of landscape. They are certainly to be acquitted of any intention to injure the valley; that would be unbelievable. It is no reproach to them that they are not trained foresters. Their responsibility, however, does not end there; it is, in fact, there that it begins; for, in the absence of knowledge of a professional nature, it should be their first aim to obtain the very best man or men available to do this work.—*Century* "Topics of the Time."

In fact a good pasture should not ordinarily be plowed, but be manured, weeded and tended as carefully as any other crops.

The world is full of shoddy and shams, but real merit is always recognized. Thirty years ago Dr. Shallenberger discovered an Antidote to the poison of Malaria, which has had an immense sale, although until recently it has not been advertised in a single newspaper. Merit alone has sold it all these years, because it cures when all else fails, and is just what is claimed for it. It infallibly destroys Malaria and could not harm an infant. Sold by Druggist, or sent by mail for one dollar. Address, DR. A. T. SHALLENBERGER, Rochester, Pa.

### Look Here, Friend, Are You Sick?

Do you suffer from Dyspepsia, Indigestion, Sour Stomach, Liver Complaint, Nervousness, Lost Appetite, Biliousness, Exhaustion or Tired Feeling, Pains in Chest or Lungs, Dry Cough, Night Sweats, or any form of Consumption? If so, send to Prof. Hart, 88 Warren St., New York, who will send you free, by mail, a bottle of *Floraplexion*, which is a sure cure. Send to-day.

### Short Lessons in Business.

For those who wish to become familiar with the best and most practical methods used by business men in transacting business; also gives the shortest and best methods known for "figuring" interest, hay, grain, wool, coal, lumber, etc. Interest tables, wages tables, notes, drafts, receipts, business letters. How to do business with a bank, etc., by W. P. Teller, teacher of commercial branches, Parson's Business College, Kalamazoo, Mich. Sent post paid for 65 cents. Address W. P. TELLER, Kalamazoo, Mich.

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## The Poultry Yard.

### "The Poultry Blaze."

EDITOR KANSAS FARMER:—The constant stream of light which is intended to help brighten up the poultry interests of America through the KANSAS FARMER by Mrs. Sproul, will have to be kept blazing this week by one who has to use the title above with quotations.

What will a Leghorn hen do, from a profitable point of view?

The answer to this is a great desideratum; and judging by what she has done, which has been recorded in the "Poultry Record" at Evergreen fruit farm, she will lay eighteen dozen eggs per annum, and with extraordinary care she will do better than this.

Two hens laid eighty-four eggs in forty-nine successive days; but these, it will be presumed, had extraordinary care. Nothing of the kind. They were running at liberty with the balance of the flock, had an especial place fixed to lay where they had been confined previous to the test, and each day they were shut up when they went on to lay and set at liberty as soon as they cackled.

Take eighteen dozen eggs (the number one hen will lay in a year) as a basis: Eighteen dozen at 12 cents per dozen, average price at Kansas City produce market, will bring \$2.16. From \$2.16 deduct 11 cents for commission; 30 cents for grain; 5 cents for interest on \$100 poultry house where 300 hens can be kept economically through the winter, which would make 15 per cent. per annum—a good interest; 10 cents for range through the summer; 5 cents for shells, ground bone, gravel, etc.; 35 cents for labor (which for 300 hens would make \$105); 30 cents for interest on money, \$2 invested in each hen, and we have 11 cents plus 30 plus 5 plus 10 plus 5 plus 35 plus 30, equal \$1.16, expenses. Deduct \$1.16 from \$2.16, and we have \$1 profit on each hen.

There is no other branch of farming that will pay this profit. The above estimation is from a commercial point of view. From a fancier's point of view there is more in it, though it takes more skill to manage the business. In the above I have taken the product of one Leghorn hen, which product any skillful breeder of Brown Leghorns will verify, and I've also taken the commercial prices of the product; prices can be verified by referring to Kansas City market reports, to show the farmer what a hen can do if you will give her the right kind of help.

A dozen eggs will weigh a pound and a half, and eighteen dozen will weigh twenty-seven pounds. Just think of a Leghorn hen weighing five or six pounds producing twenty-seven pounds of marketable produce in one year! Most every poultryman who has tested the laying capacity of any of the non-sitting breeds has found twelve dozen per annum for each hen to be a very ordinary yield with common care.

The winter season, the most important of all, is the one in which neglect usually comes, and a few weeks neglect at this time destroys the profits of a whole year.

It must be admitted that it takes more skill to handle poultry successfully than any other kind of live stock, and this is one reason why there is more profit in it. Another reason why this is so is that too many consider it a small business; and still another reason is that eggs can not be "cornered" as can other products of the farm. But we have a headlight (the *Western Poultry Breeder*) in Kansas now which is doing much toward arousing this industry; and when it is thoroughly aroused and more become skilled in it, possibly there will be an "over(?)-production" or an under-consumption. T. F. SPROUL, Frankfort, Marshall Co., Kas.

### Plymouth Rocks.

EDITOR KANSAS FARMER:—The Plymouth Rock has the reputation of being the best fowl for all purposes. Few breeds of fowls are as well known to the poultry dealer, commission merchant, caterer or hotel steward. Your own cook, who knows very little about anything else than providing your table with good things well

cooked, prefers a Plymouth Rock to other breeds. It has been intended that they should fill the middle class between the Asiatic and Spanish or Leghorn classes; and their success we are all familiar with, knowing as we do that the Plymouth Rock still has the preference on account of their being hardy, prolific, easy to fatten at most any age, producing a rich, delicate brown egg that is seldom excelled in the market basket. Some inexperienced breeders claim they are hard to breed true to feather, yet the increase in the number of finely-marked specimens we see every season obliterates this complaint completely. Color of plumage is essentially the most desirable and important feature. The body color should be a light steel-gray, each feather evenly marked across with blue-black bars from tip to butt, the light and dark being about equal, the barring of the male being narrower and more dense than that of the female, yet practically about the same shade when placed side by side.

The best way to mate your birds is to select a light yet distinctly-banded male, mating him up to standard-colored hens. You can from such a mating be sure of a fair percentage of evenly-marked chicks. Sometimes breeders mate their standard males to dark females, to produce nice cockerels with dark, almost black bars. Some judges would give such birds the preference, but public sentiment and taste is inclining towards the lighter male, as we are usually sure of getting from the above proper mating.

It should be carefully observed that the bright orange-yellow legs and skin is sometimes neglected, to the detriment of the breed, for nothing sells as well in our American markets as a yellow-legged fowl. A little attention to this point will greatly improve one's flock in a year or two. A bird with any but yellow shanks, even though good in color, should be at a discount until you obtain this point. Size and weight are easy to attain if we will reserve our large-boned, "rangy" hens to breed from. By mating such hens to a cock with good symmetry, breast round and full, "yellow, golden shanks and as thick as one's finger," a low, not a high tail, with a small comb, the above-mentioned appendage will be in proper proportion.

Weed out all smutty or off-colored specimens—those with mixed or blurred plumage, reserving only such as have distinct barring on each feather running down to the skin, each bar marking the web and shaft, whether medium, light, dark or standard even color. All feathers on shanks are faulty, and such birds are fit for market and nothing else. Brassy backs, wry or light tails, large, uneven combs, crooked toes, are all defects to be avoided. Defects of this character are transmitted, and should be always kept in mind when sorting over a flock of chicks. The standard should be the guide of all breeders, believing its teachings are the fruits of long experience which you have not had. Look carefully, when buying fresh blood, to the ancestry, and select your males with skill and good judgment. "Be sure you're right, then go ahead." P. R.

### Western Poultry Breeder--We Give It Away.

The *Western Poultry Breeder* is an illustrated 16-page monthly paper, published at Topeka, and is undoubtedly the cheapest journal in the country.

In it you will learn how to raise chickens, turkeys, ducks, geese, etc. How to build poultry houses, chicken coops, etc., in short, how to make big money by raising poultry.

Remember this is not a trial offer of three or even six months, but a whole year's subscription for 25 cents.

For a limited time we will give this splendid poultry journal free to any one sending us one new subscriber to the KANSAS FARMER and \$1. Renew at once and send us one new subscriber besides and we will send the *Western Poultry Breeder* to any name and address desired. Address KANSAS FARMER CO., Topeka.

Stock require more than just to be thrown their allowance of feed. Their welfare must receive many little attentions, such as looking after their health,



### THE HEAVY END OF A MATCH.

"Mary," said Farmer Flint, at the breakfast-table, as he asked for a second cup of coffee, "I've made a discovery."

"Well, Cyrus, you're about the last one I'd suspect of such a thing; but what is it?"

"I've found that the heavy end of a match is its light end," responded Cyrus, with a grin that would have adorned a skull.

Mary looked disgusted, but with an air of triumph quickly retorted, "I've got a discovery, too, Cyrus. It was made by Dr. R. V. Pierce, and is called 'Golden Medical Discovery.' It drives away blotches and pimples, purifies the blood, tones up the system, and makes one feel brand-new. Why, it cured Cousin Ben, who had consumption, and was almost reduced to a skeleton. Before his wife began to use it, she was a pale, sickly thing, but look at her: she's rosy-cheeked and healthy, and weighs one hundred and sixty-five pounds. That, Cyrus, is a discovery that's worth mentioning."

The farmer's wife was right, for the "Golden Medical Discovery" is in fact the only medicine for purifying the blood and curing all manner of pimples, blotches, eruptions, and other Skin and Scalp diseases, Scrofulous Sores and Swellings, and kindred ailments, possessed of such positive curative properties as to warrant its manufacturers in selling it, as they are doing, through druggists, under a positive guarantee that it will either benefit or cure in every case, or money paid for it will be refunded. It also cures Bronchial, Throat and Lung diseases. Even Consumption (which is Lung-scurfula) yields to its marvelous curative properties, if taken in time and given a fair trial.

For Weak Lungs, Spitting of Blood, Shortness of Breath, Bronchitis, Asthma, Severe Coughs, and kindred affections, it is an efficient remedy. Don't be fooled into taking something else, said to be "just as good," that the dealer may make a larger profit. There's nothing at all like the "Discovery." It contains no alcohol to inebriate; no syrup or sugar to derange digestion; as peculiar in its curative effects as in its composition. It's a concentrated vegetable extract. Dose small and pleasant to the taste. Equally good for adults or children. WORLD'S DISPENSARY MEDICAL ASSOCIATION, No. 663 Main Street, Buffalo, N. Y.

## CATARRH IN THE HEAD,

no matter of how long standing, is permanently cured by DR. SAGE'S CATARRH REMEDY. 50 cents, by druggists.

stalls and pens, feed and feed boxes, and seeing if each animal properly eats and digests its food. This requires a man's best experience and most thoughtful oversight.

A crop of clover will increase the nitrogenous elements in any soil, whether it is cut and cured in the form of hay or whether it is fed off; in any case it increases the nitrogen in the soil. This is a thing which has been thoroughly established by the careful experiments of Prof. Voelcker, recently deceased, a gentleman of great intelligence and scientific information.

The *Rural New Yorker* is not much impressed with the many new kinds of oats, of which it has tested about fifty varieties. It says "of the older kinds of oats we prefer the Schöenen and Probsteier. The Black Tartarian is the best of our dark-colored oats. The straw is very large; the blades wide. It is a side oat and rather late. Among white oats we might further mention the White Zealand, Challenge and Racehorse as having succeeded fairly well here."

Where a pasture cannot be had, no other crop will make better feed, nor more of it,

than green sweet corn-fodder, or a crop of oats and peas mixed. Have these crops planted in a lot next to the hog lot, and cut and feed to the hogs as needed, but not until they have come nearly to maturity. By planting a second time on the ground which was first relieved of its crop a constant supply of these provenders can be obtained from the first of July until frost comes.



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Patents.

Higdon & Higdon, Patent Lawyers, solicitors for American and foreign patents, office rooms 55 and 56 Hall Building, Kansas City, Mo., and room 29 St. Cloud Building, opposite United States Patent Office, Washington, D. C., report the following inventions patented for week ending January 27, 1890. [By applying to them at either office a printed copy of any patent here named can be obtained for 25 cents. Send for book of instructions, free of charge]:

MISSOURI.

Milk can—Wm. C. Thornton, Jefferson City. Sand-screening apparatus—Wm. C. Craft, St. Louis. Pump-piston—Benjamin F. Sammons, Sumner. Furnace door opener—Andrew H. Ballagh, Macon City. Device for conveying and elevating lades—Wm. A. Mitchell, Nevada. Wagon body—Thomas Tyson, Mound City. Dental apparatus—Samuel A. Milton, Clinton. Washing machine—Joseph D. Vound (deceased), Rich Hill. Heating stove—Charles A. Richardson, Hannibal. Sectional kitchen safe—James A. Campbell, St. Louis. Post-hole auger—William B. Beagle, Paris. Steam muller—Herman Guels, St. Louis.

KANSAS.

Tongue support—Walter B. Davis, Wichita. Railway track—James P. McGuire, Atchison. Window washer—William Orcutt, Abilene. Car brake—Herbert Hackney, Topeka. Rotary engine—Hart & Currey, North Topeka. Bridge—William E. Stearns, Leavenworth. Brick machine—Robert F. Robinson, Kansas City. Follower operating mechanism for baling presses—Alvin Allen, Girard.

Topeka Weather Report.

For week ending Saturday, January 25, 1890. Furnished by the United States Signal Service, Sergeant T. B. Jennings, Observer.

Table with columns: Date, Thermometer (Max, Min), Rainfall. Rows for January 19, 20, 21, 22, 23, 24, 25.

THE MARKETS.

(JANUARY 27.)

Table of market prices for various goods including Wheat, Corn, Beef Cattle, Fat Hogs, Sheep, Horses, and Mules.

I. L. WHIPPLE & SON'S SPECIAL SALE

of Fancy Poultry for thirty days. Light Brahmas of Felch & Williams strains; S. C. Brown Leghorns, strain Stricklin & Wheeler; Langshans, Croad & Bain; Plymouth Rocks, Whipple & Lull; Laced Wyandottes and Dorkings, which we will offer for \$3.50 per trio for any of the above varieties, or \$5 for pen of five—one cockerel and four hens. Bronze Turkeys and Toulouse Geese, very large, with beautiful plumage, at \$5 per trio or \$3 per pen of five each. Yards three and a half miles southeast of Ottawa, Franklin Co., Kas.

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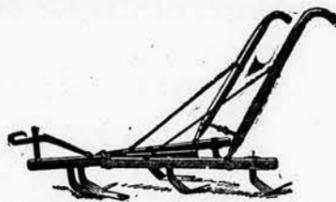
SORGHUM

A LITTLE book that every farmer ought to have is the "Sorghum Hand Book" for 1890, which may be had free, by addressing The Blymyer Iron Works Co., of Cincinnati, O. Sorghum is a very valuable crop for syrup-making, feed, and fodder, and this pamphlet gives full information about the different species, best modes of cultivation, etc. Send and get it and read it.

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THE STRAY LIST.

FOR WEEK ENDING JAN'Y 15, 1890.

Chase county—J. S. Stanley, clerk.
COW—Taken up by B. W. Spencer, in Bezaar tp., P. O. Cottonwood Falls, November 9, 1889, one spotted cow, 7 or 8 years old, no brands visible; valued at \$14.
Woodson county—R. M. Phillips, clerk.
STEER—Taken up by R. L. Ohler, in Belmont tp., November 17, 1889, one 1-year-old red steer with white strip on back, ends of both ears cut off; valued at \$15.
STEER—Taken up by H. E. Hassenpflug, in Belmont tp., November 16, 1889, one red steer, 1 year old, no marks or brands; valued at \$12.
STEER—Taken up by W. L. Heiser, in North tp., November 16, 1889, one 1-year-old light red steer with spots in forehead, straight brand on left hip; valued at \$12.
STEER—Taken up by G. F. Sage, in North tp., December 5, 1889, one red and white spotted 1-year-old steer, branded Z on each hip; valued at \$14.
STEER—Taken up by F. W. Weide, in North tp., November 27, 1889, one spotted roan 1-year-old steer, no marks or brands; valued at \$14.
STEER—Taken up by John Rogers, in Perry tp., November 19, 1889, one spotted steer, no marks or brands; valued at \$15.
MARE—Taken up by L. I. Montgomery, in Liberty tp., November 8, 1889, one roan mare, 9 years old, H on left hip and Y on left shoulder; valued at \$15.
COW AND CALF—Taken up by J. S. Scott, in Emmence tp., November 1, 1889, one cow and calf—cow red, end of horn broken off; valued at \$6.
Coffey county—H. B. Cheney, clerk.
STEER—Taken up by Adam Thomas, in Ottumwa tp., one 2-year-old red steer with white in face, no marks or brands; valued at \$20.
Montgomery county—G. W. Fulmer, clerk.
PONY—Taken up by J. R. Marshall, in Fawn Creek tp., P. O. Jefferson, November 19, 1889, one sorrel mare pony, 8 years old, branded L. C. on right shoulder; valued at \$6.
PONY—By same, one buckskin mare pony, 5 years old, branded L. C. on left hip; valued at \$3.
COLT—By same, one 1-year-old sorrel mare pony colt, no marks or brands; valued at \$3.
Nemaha county—W. E. Young, clerk.
HEIFER—Taken up by D. C. Cordill, in Washington tp., P. O. Bern, December 11, 1889, one 2-year-old light red heifer, dehorned, slit in right ear; valued at \$12.
STEER—By same, one red-roan 2-year-old steer; valued at \$12.
Miami county—H. A. Floyd, clerk.
STEER—Taken up by W. B. Freeman, in Osage tp., P. O. Fontana, December 16, 1889, one red steer, white ear, bushy tail, four feet high, one year old.

FOR WEEK ENDING JAN'Y 22, 1890.

Jackson county—Ed. E. Birkett, clerk.
STEER—Taken up by W. A. Fiescher, in Douglass tp., one red yearling steer, some white spots on body, branded with square on left hip; valued at \$11.
STEER—Taken up by D. W. Stanley, in Douglass tp., one small white 2-year-old steer, nick out of under part of left ear, red neck and ears, brand on right hip; valued at \$15.
STEER—Taken up by John Stach, in Washington tp., one red 2-year-old steer, branded on left hip with anchor and on right hip with figure 1; valued at \$17.50.
PONY—Taken up by T. M. Johnson, in Jefferson tp., June 8, 1889, one dark brown horse pony, 12 or 14 years old, harness marks on back, white hind feet; valued at \$15.
MARE AND COLT—Taken up by H. H. Brady, in Whiting tp., August 5, 1889, one bay mare, 8 or 10 years old, white stripe in forehead, branded S on right hip. Also one sucking colt, no marks.
PONY—Taken up by T. Heers, in Whiting tp., September 28, 1889, one brown horse pony, 2 years old, both hind feet white; valued at \$18.
STEER—Taken up by Ed McNeive, in Washington tp., November 18, 1889, one roan 2-year-old steer, neck rather red, slit in right ear, branded S or 8 on right hip; valued at \$26.
STEER—Taken up by H. O. Tudor, in Garfield tp., November 8, 1889, one red coming 2-year-old steer, white spot in forehead, white on left shoulder, breast and tip of tail, end of left horn broken off, tips of ears cropped or frozen off; valued at \$16.
Nemaha county—W. E. Young, clerk.
STEER—Taken up by J. C. Keras, in Marlon tp., P. O. Baileyville, December 25, 1889, one red 1-year-old steer, dim brand on right hip—last letter is B; valued at \$15.
Wilson county—Clem White, clerk.
STEER—Taken up by L. H. Porter, in Prairie tp., P. O. Fredonia, on or about December 9, 1889, one red and white 1-year-old steer, swallow-fork in right ear; valued at \$12.50.
STEER—By same, one red and white 1-year-old steer, mostly red, no marks or brands; valued at \$10.
Lyon county—C. W. Wilhite, clerk.
STEER—Taken up by John Atyed, in Center tp., December 31, 1889, one white muley 2-year-old steer, no marks or brands; valued at \$20.
STEER—Taken up by John B. Beale, in Fremont tp., January 4, 1890, one red and white 2-year-old steer, branded S on left hip; valued at \$15.
Pottawatomie county—L. D. Hart, clerk.
COW—Taken up by A. V. Johnson, in Blue Valley tp., December 31, 1889, one red cow with white on left shoulder and under belly, 4 years old, crop off left ear.

FOR WEEK ENDING JAN'Y 29, 1890.

Shawnee county—J. M. Brown, clerk.
FILLY—Taken up by William Moritz, in Soder tp., near North Topeka, one dark bay mare colt, 18 months old, black mane and tail, left hind leg white half way up to knee, no brands; valued at \$25.
Leavenworth county—J. W. Niehaus, clerk.
COW—Taken up by W. C. Duncan, in High Prairie tp., January 16, 1890, one pale red cow, some white on each flank, star in face, 6 years old; valued at \$20.
Pottawatomie county—L. D. Hart, clerk.
STEER—Taken up by John J. Bruener, in Lone Tree tp., December 23, 1889, one coming 2-year-old steer, white with red neck and shoulders, hog-ring in right ear; valued at \$15.
STEER—By same, one coming 1-year-old roan steer, with a cut in flank; valued at \$8.
HORSE—Taken up by Martin Riley, in Emmet tp., December 28, 1889, one small bay horse with black points, 4 years old, has been shod—nails still in front hoofs, broken to ride, letter U or horseshoe brand on left shoulder.
Barber county—W. T. Rouse, clerk.
COW—Taken up by Joseph Watts, in Hazelton tp., December 26, 1889, one white and black cow, 3 years old, branded W on right hip; valued at \$10.
HEIFER—By same, one red and white heifer, 2 years old, branded W on right hip; valued at \$5.
CALF—By same, one roan heifer calf, 1 year old, no brands; valued at \$5.
CALF—By same, one speckled calf, 8 months old, no brands; valued at \$3.
Montgomery county—G. W. Fulmer, clerk.
PONY—Taken up by W. C. Lynch, in Rutland tp.,

P. O. Independence, December 20, 1889, one white or light gray mare pony, 14 hands high, about 7 years old; valued at \$12.50.
PONY—By same, one dun mare pony, strip in forehead, 2 years old, 12 hands high; valued at \$10.
Russell county—Ira S. Fleck, clerk.
PONY—Taken up by John Wilmer, in Plymouth tp., December 10, 1889, one bay mare pony, 10 hands high, branded F on left hip and unknown brand on left shoulder; valued at \$18.
Clark county—Chas. E. King, clerk.
PONY—Taken up by Warren Messing, in Brown tp., December 31, 1889, one black pony mare, about 3 years old, three white feet, branded 3 with letter U under it.
COLT—By same, one sorrel horse colt, white face, about 2 years old, no brands.
Norton county—Jesse S. Wright, clerk.
4 COLTS—Taken up by Albert Donaldson, of Almena, December 24, 1889, four horse colts—three 3 years old and one spring colt, one brown, one bay, one roan, one spring colt; one both ears split, one one ear split, two no special marks except spring colt has blaze face; valued at \$136.
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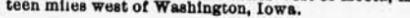


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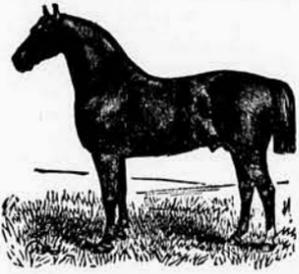
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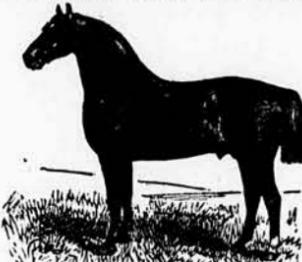
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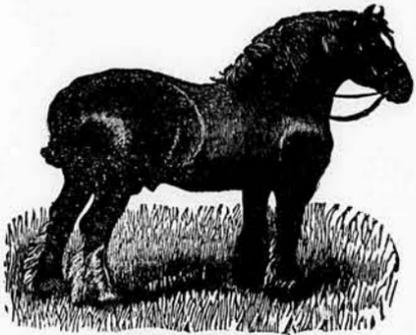
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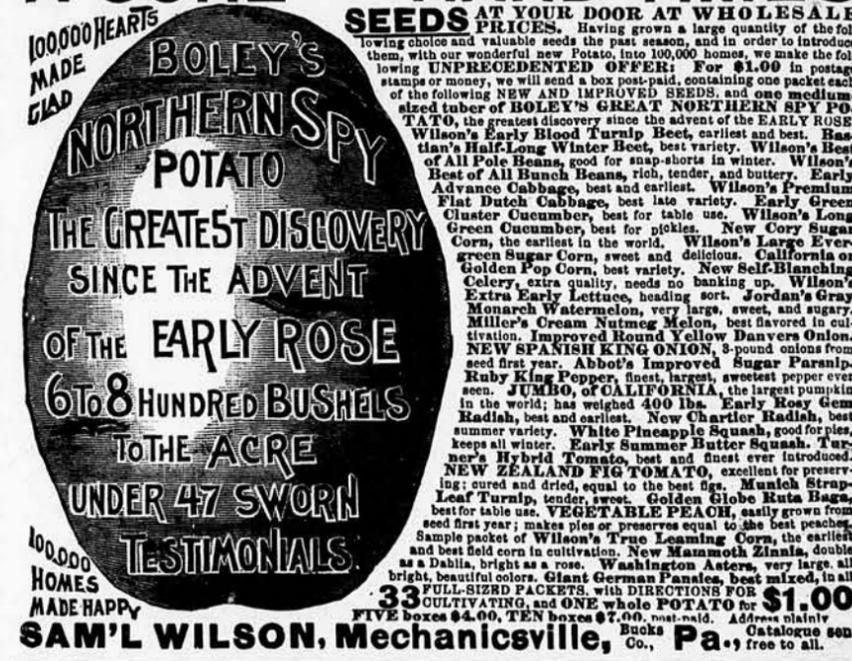
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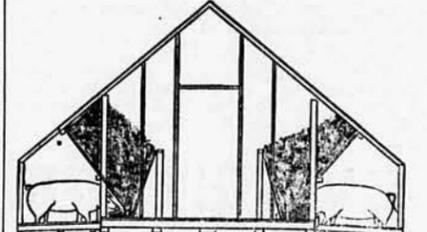
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