

World's Fair Convention

# KANSAS FARMER

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## BREEDERS' DIRECTORY.

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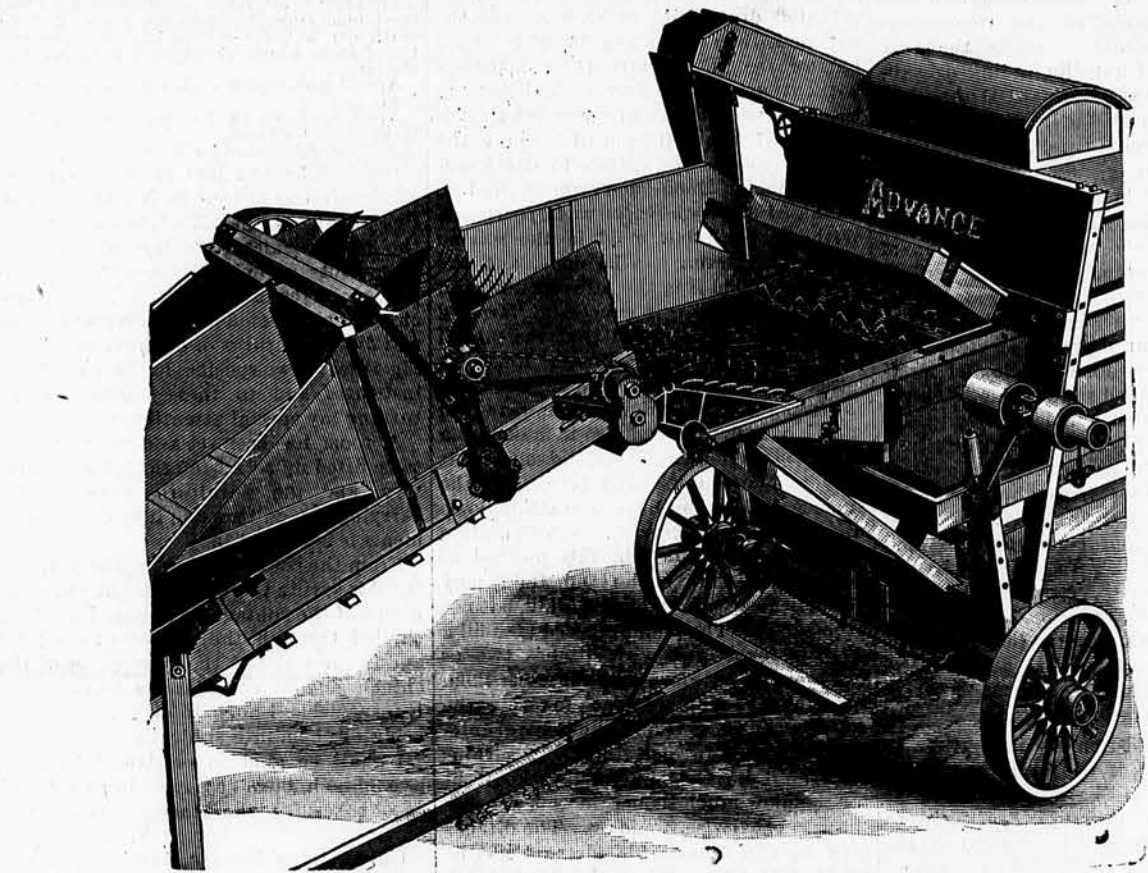
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(Continued on page 16.)



## Agricultural Matters.

### AGRICULTURE.

By Dr. E. Tilton, read before the last session of the Marion County Farmers' Institute, held at Peabody, Kas.

Agriculture is so transcendently important that it should engage the best talent and the best effort of every person who makes a living by that occupation, and governments can find no greater scope than to bring it up to the nearest possible point of perfection; and yet, so vast is agriculture in its scope of detail and depth for research that the greatest mind that has ever been organized by the great Creator cannot grasp it as a whole and in all its details; and yet, like the plan for man's salvation, any person that knows enough to be amenable to the laws of the land can make a living by farming, as any one who knows enough to call on the name of the Lord may be saved; more from the soil. But we shall not clearly see the vast importance of an improved agriculture without contemplating the tremendous and almost infinite interests that are based upon it. First, the feeding or subsistence of perhaps 1,600,000,000 of people, human beings with the infinitude of animal life that receive subsistence from the soil of the earth.

We beg your indulgence if we call your attention to the rapid increase of the earth's population and the question of homes for the coming generations. Shall the wealthy aristocrats and lords and nobility of the orient possess our domain and lease it to our posterity on starvation terms, as is now done by English landlords, both in Ireland and at home? Thirty million acres of our land is now in the hands of foreign wealth. Lord Scully, a resident of London, owns 100,000 acres of land in this country, from which he draws a rental of \$300,000 annually. Or would you have our own people own more land than they can work with their own hands. A bill in Congress restricts a limit to ownership. To make a great agricultural country, let all who engage in that business be owners of the soil, and to make unconquerable patriots give an interest in the land to all who work it.

But another question to which time is drawing us is that of farming smaller tracts of land so as to attain results equal to that attained now by operating large scopes of it. We will be brought to this by degrees through the crowding of population and the consequent division of lands. The careful, economical and far-seeing farmer will anticipate the coming time when families must be raised on ten, fifteen, twenty and forty acres of land. When farmers will turn their energies to the fertilizing of soil and study the methods of sub-irrigation, sub-solling, and of the application of those grasses that add fertility to the soil and at the same time furnish food for the farm stock. We would instance clover as a grass that should always be liberally sown with all other grasses, because of the quality it possesses of drawing ammonia from the atmosphere and transmitting it to the soil, thereby fertilizing the other grass in its vicinity. But that is not all of its good qualities; its long tap-root strikes deep into the earth, to a degree subsoils the land, and when it dies and decays in the earth it leaves a large portion of fertilizing matter for other plants to feed upon.

As there is much land yet to be put into cultivation, I will give my experience in handling new land: Follow your breaking plow with a stirring plow of less size, with set taken out; throw up as much of the subsoil as your team is able, then harrow thoroughly and plant, and you will be likely to raise as much or more corn than you could on old land; and in the fall your land will be in perfect tith and clean for the subsequent crop. This process is called trench plowing, in *contra distincti* from subsoiling, which consists in forcing through the ground a broad iron or steel blade, with a foot riveted on it resembling a smoothing-iron as to shape, and which loosens the ground, but does not turn it up. The warmth created by the decomposition of the sod produces a wonderful degree of heat that causes a growth unknown to any other condition of land. But to produce the best result work should not be commenced until the sap is in full flow.

But the subject of subsoiling I consider of great importance. Successful produc-

tion in seasons of drought cannot be expected unless the ground is stirred to a good depth, and if to attain that the alluvial soil is turned to too great a depth it does not have its full effect in the production of plant life. The best results are attained by keeping the alluvial soil where it naturally belongs—on the surface, not stirring it more than four to six inches deep, and following with a subsoiler once in three or four years. The depth that the subsoiler should go should only be limited by the strength of the team. But it is objected to by farmers that it increases farm labor. We argue that as the farmer works for increased results in grain that he should not hesitate to put labor on his land as long as paying results are realized. The best results are, perhaps, attained in small grain culture and the grasses. All farmers of experience know that in the aforesaid culture it is essential to best results to keep the alluvial soil on the surface. So important did many of the best Illinois farmers consider this that they constructed three-cornered drags with which to smooth the sod and then destroyed it with sharp harrows so as to start their meadows without using the plow. Conditions in Illinois and Kansas are somewhat different, but the principle of keeping the alluvial soil on the surface to attain best results holds good everywhere, and is sustained by both reason and experience. Without vegetable mold in the soil no successful farming can be done, and the vegetable mold is in the alluvial soil and must be kept there if successful farming is attained; but we insist that the subsoil in our country and climate must be loosened up with the subsoiler to enable the roots of vegetation to penetrate it in search of moisture and also to make room for the storage of water in the soil that it may in time of drought return to the surface, and by capillary attraction keep up the vegetable growth. Sub-irrigation is very nearly allied to this method of keeping moisture in the land, and it may be connected with under-draining, but not necessarily. The plan proposed is to fill a piece of level land with ditches two or two and one-half feet deep and cover them so as to leave a hollow space to receive the water when there is an abundance of rain. They not only furnish storage for surplus water, but dry the land and make it fit for the plow much sooner in wet weather than it otherwise would be. The ditches may be run along a hillside, and may be made any length. When the ditches are dug they may be prepared by placing flat stone on one side of the ditch, edge and edge, leaning them against the opposite side and then breaking the joints with other stone. This method will leave space through which the water can escape to the surface. Sub-irrigation will be found very valuable for orchards and in the rearing of all kinds of shrubbery, and its advantages may be summed up, first, in drawing the water from the surface in excessively wet seasons and thereby preventing the drowning, scald, stunting, of the grain plants; second, as already said, the drying of the surface, that cultivation may proceed; third, as a supply of moisture to growing vegetation in time of drought; fourth, it largely increases your farm products; fifth, it will add more to the value of the farm than the expense of doing the work; sixth, and last, but not least, prevents washing.

### Chinch Bug Experimental Station.

According to the law passed by the last Legislature, establishing an experimental station at the University of Kansas for the investigation of insect diseases, Prof. Snow submits the following first monthly report:

Following out the methods of the winter of 1889-90, an attempt was made to get live, healthy chinch bugs for the laboratory as late as possible, and to breed the disease germs in the bugs themselves. Live bugs were introduced into the infection cages as late as December and were sickened and killed. The infection jars containing the dead bugs and the germs of the contagious diseases were cared for during the winter, and on February 25 a lot of live, healthy bugs were introduced into the jars. From this time on new bugs have occasionally been received and infected. The following extracts from my laboratory notes show the nature of the experimenting:

March 23.—Large quantity of lively and healthy chinch bugs received from Chetopa, Kas., from which place no disease has been

reported. With these were stocked the following jars:

- (1) Eight laboratory jars.
- (2) One large jar containing dead bugs from Knoble's field. [These dead bugs received in October, 1890, and kept in closed flask all winter.]
- (3) One small jar with dead bugs from Knoble's field, and earth and bits of leaves from laboratory infection jar A.
- (4) One small jar same as No. 3.
- (5) One small jar with dead bugs from various fields.
- (6) One new jar not heretofore in the laboratory, containing clean earth. This to serve as check jar.

We may follow jars No. 4 and 6 as follows:

March 23.—No. 4, slightly moistened and placed in mild light on laboratory table. No. 6 on same table, both jars covered with cloth tops.

March 24.—Put abundance of green wheat with bugs in No. 4 and No. 6, and slightly moistened soil in each jar. Bugs lively and scattered about in the jars.

March 25.—No apparent change in No. 4 and No. 6.

March 26.—No apparent change in bugs.

March 27.—Bugs in No. 4 all dead; in No. 6 none dead.

March 28.—Restocked No. 4 with bugs from jar No. 2, which are unaffected.

March 30.—Bugs in No. 4 apparently all right. Bugs in No. 6 all well and scattered over the wheat leaves.

April 2.—Bugs in No. 4 all dead. Bugs in No. 6 apparently all right. Restocked No. 4 with fresh bugs from the check jar, No. 6. Left the earth dry in the restocked jar. A liberal supply of green wheat was given to the bugs in all the jars.

April 3.—No apparent change in any of the jars.

April 6.—Bugs in jar No. 4 mostly dead. Bugs in No. 6 all well.

April 7.—Restocked jar No. 4.

Other infection jars show a state of affairs similar to that in No. 4; this particular infection jar, No. 4, being, however, the most virulent. In this jar three different lots of evidently healthy bugs (as proved by behavior of the bugs in the check or uninfected jar No. 6) were sickened and died. Cultures of bacteria representing at least two specific forms have been instituted and to these cultures I am turning my special attention.

A room has been set aside in Snow hall to be fitted up as a bacteriological laboratory, and the furniture necessary for carrying on culture and infection experiments is being put in.

From the course of the experimenting so far this spring there is no doubt that the germs of the contagious disease have been carried through the winter successfully and in the event of the appearance of the chinch bug in considerable numbers, in Kansas fields, I hope to do much towards bringing them into subjection.

I shall be glad to receive packages of live chinch bugs (by mail in pasteboard spool boxes) for laboratory experiments.

F. H. SNOW.

University of Kansas, April 10, 1891.

### Kaffir Corn.

EDITOR KANSAS FARMER:—I wish to say in reply to L. E. Parsons' stricture on Kaffir corn that when he says that "Kaffir corn is good for nothing," he simply is mistaken. My experience for the past three years with it convinces me fully that for every purpose it is better than sorghum. First, it yields more and better grain than sorghum, and as a forage plant it is best for horses, hogs and cattle, of any plant that can be grown in our hot, dry climate, unless it be alfalfa. I have fed the fodder of Kaffir quite largely the past two years to horses, hogs and cattle, and they all eat it with a relish and do well on it. If Mr. Parsons will visit my place, ten miles southeast of Beloit, I will agree to eat all that has been wasted and left by the stock and hogs at one meal. We have tested it in feeding hogs, throwing it and sorghum to them at the same time while running in alfalfa pasture, and they would eat the Kaffir up clean and leave the stalks of the sorghum untouched. And three years ago, owing to the extreme drought, there were not fifty bushels of corn harvested in this (Bloomfield) township, while the Kaffir yielded fifty bushels per acre, and no guess work about it, for the party that raised it paid the owner of the machine for threshing that amount. Two years ago, with favorable rains, there was 100 bushels grown to the acre. I make this statement, feeling confident that the farmers of Kansas will be greatly benefited by planting freely of it the coming season.

Farmers in this county are sowing, I may safely say, thousands of acres of alfalfa this spring. Its success here is no longer a matter of doubt.

Wheat is looking fine, and fruit trees of all kinds are full of bloom.

Beloit, Kas. I. M. TEMPLE.

Hood's Sarsaparilla is on the flood tide of popularity, which position it has reached by its own intrinsic, undoubted merit.

### Truck Farming.

The Census Bureau has issued a bulletin on "Truck Farming in the United States." For the first time in the history of the country this has been made the subject of census investigation. The statistics are compiled from returns received up to January 1, 1891.

Truck farming, as considered in this report, is distinct from market gardening, the former being carried on in favored localities at a distance from market, water and rail transportation being necessary, while the latter is conducted near to local markets, the grower of vegetables using his own team for transportation of his products direct either to the retailer or consumer. Upward of \$100,000,000 are invested in this industry, the annual products reaching a value of \$75,517,515 on the farms after paying freights and commissions and realized upon 534,440 acres of land. There are employed in this industry 216,765 men, 9,254 women, and 14,874 children, aided by 75,866 horses and mules and \$8,971,206 worth of implements.

Nearly 75 per cent. of the truck produced in the United States comes from a belt of country along the Atlantic coast, lying east of a line drawn from Augusta, Me., to Macon, Ga.; from southern Georgia, Alabama and Florida; along the north and south lines of railroad in the Mississippi valley from the gulf to Chicago, St. Louis and Kansas City, and from the celery districts of Michigan and Ohio. More or less truckery is produced in all the States.

The following shows the total acreage of leading vegetables grown upon truck farms of the United States: Asparagus, 37,970; beans (string or snap), 12,607; cabbage, 77,094; kale, 2,962; spinach, 20,195; Irish potatoes, 28,046; beets, 2,650; celery, 15,381; cucumbers, 4,721; watermelons, 114,381; other melons, 28,477; peas, 56,162; sweet potatoes, 22,802; miscellaneous vegetables, 82,601.

### Next Winter's Feed.

Prof. C. C. Georgeson, M. Sc., Professor of Agriculture and Superintendent of the State Agricultural college, says that now is the time to plan for the feed you will need next winter. Make up your mind how much you must have, and then take steps to grow it. The man who trusts the stalk field to winter his stock is liable to have his confidence abused, and to be charged extravagant prices in loss of stock for the poorest keep of the miserable "critters" that such a fate befalls. It is like paying the rates of a first-class hotel for the accommodation afforded by a lodging house for tramps. Hunger and cold hold the first lien on stock in such plight, and they force their claim with a high hand without process of law; nor is there any restitution for the damage they inflict. You know how much stock you will probably winter, and you know the capabilities of your land in evil as well as in good seasons to produce the feed. With these facts as a basis, a little figuring can soon make clear how much must be grown to meet the demand. The allotment of ground should be liberal enough to allow for an adverse season. If corn is a moderately sure crop, probably nothing better can be put in for feed, whether it is made into silage or cured for fodder. If corn is uncertain, plant at least a portion of the land with some better drought-resisting crop like the non-saccharine sorghums. The corn crop for grain was a failure on the college farm last year, but ensilage corn, cut and put in the silo when the grain began to harden, yielded about twelve tons of silage to the acre; and a ton was sufficient for the daily keep of our herd of nearly sixty head. Notwithstanding the severe criticisms on ensilage that may now and then be seen in the press, it is the most economical method, all things considered, that has yet been devised for the wintering of stabled stock. Not having to be shocked and cured, it requires less handling than corn fodder, and, properly put up, there is not the inevitable waste and chances of injury which invariably befalls corn fodder. So far we have had the best yield of ensilage by dropping the kernels six inches apart and the rows three and one-half feet apart. There is also considerable difference between the varieties of corn for this purpose. Mosby's Prolific, a vigorous Southern corn, has been the most satisfactory kind. Other good varieties are Shoe Peg, Sheep's Tooth, Southern Horse Tooth, Bullock's White Prolific, Salzer's Giant Ensilage, and Brazilian Flour, coming in about the order named. Several others have been tried, but these are the best.



## The Stock Interest.

### THOROUGHbred STOCK SALES.

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

MAY 1—Administratrix of A. J. Grover, Muscotah, Kas., Galloway and Aberdeen—Angus.  
MAY 13—Inter State Short-horn Breeders, show and sale, at Kansas City.  
MAY 14—A. A. Crane & Son, Osco, Ill., Herefords.  
MAY 14-15—W. Z. Darr & Son and J. W. Pickett, Kansas City, Mo., Short-horns.

### ST. LOUIS WOOL MARKET.

The KANSAS FARMER has always taken great interest in sheep-raising and wool-growing, even when the industry possessed but small significance as compared with other branches of the animal industry, for the reason that the sheep industry will always be an important live stock interest of Kansas, and is steadily but surely advancing every year. The FARMER not only advocates mixed farming, but diversified live stock husbandry. One of the besetting difficulties with Kansas stockmen in the past has been the old custom of cattle and hog-raising almost exclusively, and as a consequence when there was a depression with this class of stock the burden was excessive, because they had no other stock of consequence to relieve them of the burden of depression; but the recent depression has taught stockmen a useful and important lesson, and hereafter all classes of stock will be raised. Farmers should diversify more and not confine themselves exclusively to one class of stock.

At this time we desire to emphasize especially the question of wool-growing, and therefore call attention to the nearness of an important wool market, and quote from the St. Louis Market Reporter of the 22d inst., which truthfully says:

During last year's wool season occurred one of those financial epidemics which, fortunately, happen but seldom in this country. What was almost a panic in the East, spread, and was felt (although in a lesser degree) throughout the land. It is a matter of self-congratulation that our city, affected as it must have been by the universal stringency, rode out the storm easier and better than did any other city in the country.

St. Louis handled more wool last year than in any previous year of her history, and the amount handled has steadily increased the past few years, even in face of a continuous falling off in the production of the country, and of a decline in receipts at every other market.

The number of dealers, brokers and agents located here now is larger than ever before—many of them (to be in the acknowledged leading primary market) having established their headquarters in this city during the past year, who had done business heretofore in our erstwhile rival marts. This, of course, will stimulate the competition for the offerings of wool; and, in turn, secure to the seller a higher price than he could obtain by disposing of his clip in any other way or at any other place.

Chicago, although growing in every other direction, has lost her foothold in the wool trade, and now can scarce be called even a rival of St. Louis in this respect. Our market has several advantages, the greatest of these being the energy displayed by the commission merchants and dealers here who handle the staple to increase the volume of trade, and to insure the best possible results to shippers. Consignments are always salable on day of arrival, and returns as a rule are made then and there, while the charges are reduced to a minimum. Besides, large stocks are carried the year round, which attract manufacturers and investors from all sections. Then, we can compete successfully with seaboard markets, for the reason that goods shipped to Eastern manufacturers go direct to their mills, at Boston or New York rates, instead of going to these points and then undergoing the expense of reshipment.

The Western manufacturing trade is also a large factor—probably one-fourth of the receipts here is used for home consumption; besides, the Western manufacturer is reputed to be a more liberal buyer than his brother of the East. St. Louis is now (with but a single exception) the largest market for domestic wools in the United States, and is steadily and surely growing as the distributing point for Western wools. The amount of Territory and Texas growth handled here in a season is very large. Utah, Montana, Wyoming, Colorado, New Mexico, etc., have been heavy shippers to this point of late; and, while this is the principal market for the growth of the Western and Southern States, we also receive many clips from the North.

Those who prepare wool for market know or should know of the vast importance attached to packing the wool honestly and at the same time making it as attractive as possible. All labor and attention bestowed is thoroughly appreciated and well recompensed. This fact is manifest in the great popularity of the Australian wools; the admirable way in which they are handled and put up make them very desirable—so much so, that of late they have been coming in close com-

petition with Ohio and Michigan fine wools; the latter (owing to the waste in the fleece) have declined so in price as to be worth only a few cents above our best Territory scoured. In sacking, be sure to keep the different grades separate; and, if possible, free from tags or dung locks and inferior stuffings; the shipper is always the greatest loser by these slovenly or dishonest practices.

There is nothing now to indicate that wool will be pronouncedly higher or lower than usual; of course, stocks (here or elsewhere) were never smaller than at present—really not enough to supply current wants of manufacturers; consequently a good demand should prevail early in the season; and, it is thought, the best course for holders is to be prompt shippers. Not alone at the present time; but, as a general rule, always. Very seldom does the owner profit by limiting or holding for an advance—storage, shrinkage, insurance, interest, etc., will generally offset any ordinary gain likely to occur in values. "Ship as early as is convenient, realize, and use the proceeds for purchasing young stock, or for other purposes," is the advice of one who is in a position to speak.

Little credence should be placed in the comments of Eastern politicians as to the condition of the wool markets at this season. They will naturally (for sinister reasons—well known) contend for low prices from now on until the clip has pretty well all passed out of their hands. Look to the West, for that is where the markets are made first now. The Market Reporter can always be relied upon to give the situation just as it is—it is not subservient to any interest, clique, or individual influence, and is alone in that respect here.

### MOVEMENTS AT ST. LOUIS.

	Pounds.
Receipts last year.....	20,540,503
Shipments last year.....	23,226,444
Receipts this year to date.....	1,189,547
Receipts same time last year.....	788,175
Shipments this year to date.....	3,723,858
Shipments same time last year.....	4,607,904

The excess of shipments over receipts is due to the fact that the large stocks held here have been nearly all shipped out. The total clip of the United States for last year is given as 276,000,000 pounds.

### Save the Stock Hogs.

The Wichita Eagle, in commenting upon the future outlook of the swine industry of this country, advises the farmers in the corn-growing districts to look out for their stock hogs, to preserve their condition and increase their number. This is a year in which no farmer can afford to market a \$2-shoot that promises to be worth \$15 to \$30 as a fully developed hog. In addition to an exhausted surplus, which must send prices up in the near future to a very profitable figure, there is trouble brewing between three of the great powers of Europe, which involves the peace and prosperity of at least two other smaller powers. Preparations for a great war have been steadily going forward for a long time and the statesmen of the world are convinced that a great European war is only a question of a few months or a year or two at most. Every farmer understands what that would mean for all that an American farm produces, especially in the line of meats.

Kansas is pre-eminently a hog country from every point of view, therefore our farmers are not only advised, but they ought to see for themselves, that it is the part of wisdom to save, preserve and increase the number of their stock hogs; that it is not only the poorest economy, but shortsighted, to throw mere undeveloped pigs upon the market to be sacrificed at an unprofitable price. Make the biggest corn crop possible and increase the number of pigs with all dispatch, for there is going to be big money and great profit in the Kansas hog in the near future.

### The Cow vs. the Railroad.

The Supreme court of Indiana has affirmed a point of railroad law that is of importance in all agricultural communities. A farmer's cow strayed on the railroad track and was killed by a train. He sued the company for the value of his cow, and the company sued him for damages to the locomotive. The suit has gone through all the courts, until now the Supreme court of the State has decided, in effect, that it was as much the farmer's business to keep his cows off the railroad track as it was the business of the railroad company to keep its locomotives out of his pasture lots, and that if either strayed on the property of the other their owner was liable for the damage caused. Consequently, the farmer pays for the damage to the locomotive, and the company does not pay for the cow.

There is a movement on foot by a syndicate of Texas and Kansas stockmen

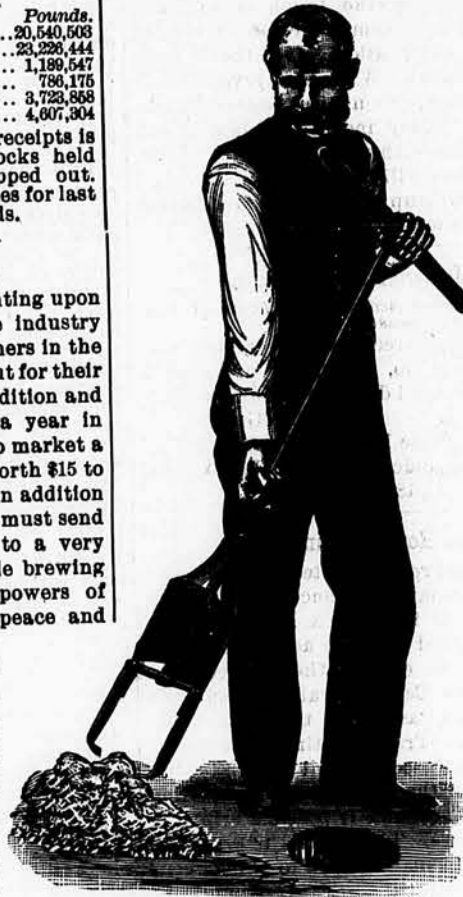
whereby they will have control over 8,000 acres of land in Missouri. This is to be used as ripening ground for range cattle, some such course being rendered necessary by reason of the action of the government in removing them from the Cherokee outlet.

### Live Stock Notes.

At Eudora, Douglas county, the Union Iron Works has just built and fitted out with their excellent machinery a grain elevator. It is owned by parties in the city of Eudora, and is doing excellent work. Write the Union Iron Works, Kansas City, Mo., for prices, plans, and all information regarding the construction of grain elevators. Plans free.

New Mexico Stock-Grower: We do not remember to have ever seen stockmen more hopeful of the immediate future than our feeders and dealers of all kinds respecting stock to be sold two or three months hence. Beef-makers seem positive of high prices in May and June, hogmen are expecting a harvest of profit at that time, and not a few sheepmen are inclined to be equally sanguine. Of course no one can tell what may occur at a period so far ahead, but prospects for just such an outcome are reasonably good.

Senator Warren, of Wyoming: "It is an undeniable fact that for the last five



CLARK'S POST-HOLE DIGGER.

years cattle have been decreasing on the ranges throughout the entire Northwest. Prices, I think, must go up, for the reason that the supply is so short, while the demand for beef is increasing. It will take money to buy cattle from this on, and it is hard to tell where the prices will go in the near future. The cattlemen have waited a long time for this, and the fact that their hopes are about to be realized makes good feeling among this class. The upper tendency of the cattle market will help Wyoming out just at a time when this better feeling will count in all lines of business."

The New Mexico Stock-Grower has the following significant item: Joe Overhuls returned to Las Vegas this week from Kansas, where he has been for some time sizing up the prospects, and placing some of his cattle on pasture near Hutchinson. He found many men who will soon be on the lookout for stockers and feeders, but there will be no active trading until grass gets well started. Nearly all the persons who handled any scrub stock from the range last year are broke, and loud and long are the curses heard when any reference is made to Mexican cattle, many of which were worked off on the farmers last year by speculators as New Mexican cattle, giving us a rocky reputation in many quarters. The scheme was to take a lot of old Mexico steers, dehorn them and dock their tails, when they would present a very good appearance, but there wasn't corn enough in the country to make them fat. The prospects for good grass and crops are magnificent just now,

and the stockmen all feel decidedly encouraged at the prospects for securing good prices for choice cattle in the future. But scrub stock will have to be offered at a big discount, for it seems useless to talk with a Kansas man about cattle unless he can be assured that the stock offered are of good breeding. There is no demand whatever for sheep in the vicinity of Hutchinson, and there seems to be a general feeling that at owner's prices there is no possible profit in handling them.

The Daily Live Stock Record, of Denver, although an infant journal, talks quite brave because it wears a new dress, and says: "Colorado is offering greater inducements to breeders of fancy cattle than Kansas. We have noticed that a good many breeders of fancy cattle, especially Jerseys' have moved into our State during the last few years. Since irrigation has converted millions of acres of formerly almost barren prairie into smiling farms and blooming garden tracts, we are able to take the best of care of all kinds of fancy stock. Our winters are mild and our summers tempered by cooling breezes from the ever snow-clad peaks of the Rockies; in fact, Colorado is the paradise for stock of all sorts and conditions."

We are pleased to learn that the outlook for the dairy exhibit at the Columbian Exposition is very encouraging. It was feared that that exhibit might have to be made in connection with the department for the exhibition of animal fats, and thus give the oleomargarine men too good a chance to advertise their wares. It has, however, been decided by the Board of Managers to erect a separate building, which, with its outbuildings and yards, will cover five acres of ground and cost \$75,000. The plan of the building will probably be similar to that at Copenhagen, Denmark, and will have a seating capacity in its main hall of 1,000. Six bars and an ice house will be erected in connection with it, and there will be an effort made to make the working dairy the most complete of any in existence.

Hon. R. M. Bell, an experienced sheepman, formerly with the United States Bureau of Animal Industry, writes the KANSAS FARMER as follows: "Personally and in behalf of the sheep-raisers of the United States, I wish to thank you for the article by Mr. A. L. White, before the Garden City, Kas., Farmers' Institute on 'Sheep Farming.' Sheep-raisers are thinking for themselves nowadays, too, and are coming rapidly to the front with a fund of knowledge concerning their business that will insure a far more prosperous, permanent future to the sheep business than has been in all the past. In short, greater harmony of sheep-raising and good farming, or even common farming, promises to mutually foster each other. A higher plane has been reached and will never be abandoned again. Diversified farming and diversified sheep husbandries have been, is now, and always will be found most profitable if wisely chosen and persistently followed."

### Clark's Post-Hole Digger.

The ever increasing demand for a tool to set posts in the best way and with the least labor has induced the Champion Shelf Manufacturing Co., of Springfield, O., to undertake the manufacture and sale of the Post-Hole Digger shown in this connection. The work of digging post-holes is the most tedious as well as the hardest part of fence-building, when done with the devices ordinarily used. The advantages of the Clark Digger are as follows: It will dig a hole in any kind of ground, whether wet or dry; it will discharge the most tenacious muck or clay without trouble; it bores a straight hole and is not turned aside by small stones; it is the only post-hole digger that will empty itself by touching a spring; it can readily be sharpened. For circulars, price lists and additional information address the manufacturers, as above.

Pick off all the blossoms that may appear on your young strawberry vines set out this spring. Do not allow any of the young plants to fruit. It will injure their growth and lessen their productivity next season.

### Middlemen's Profits Saved to the Consumer.

We sell direct to the consumer, and we save you 20 per cent. on the Buggy. The "Complete Horse Book" tells how. Sent for 10 cents, silver or stamps. Pioneer Buggy Company, Columbus, O.



Alfiance Department.

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

SPECIAL.

We want some members of every farmers' organization - Grange, Alliance or F. M. B. A. - to regularly represent the KANSAS FARMER and help extend its fast-growing circulation and usefulness. Please send name and address at once.

Cloud County.

EDITOR KANSAS FARMER:-The following resolutions were passed unanimously by the Cloud County Alliance, April 18, 1891:

- Resolved, That this County Alliance send two delegates to the national conference that meets in Cincinnati, May 19, 1891. Resolved, That the County Lecturer be instructed to visit each sub-Alliance in the county during the coming quarter, and report, at the July meeting, the condition he finds them in, as to their financial membership and activity as members of the order. Resolved, That each sub-Alliance take a vote, during the coming quarter, whether they wish the grand council at its meeting next November to instruct their delegates to the conference to be held February 22, 1892, to favor the proposed new party that will support our demands. Resolved, That we condemn the action now being taken by the old political parties to create dissension among the members of the Farmers' Alliance. Resolved, That we indorse the action of the committee that investigated the charges against our State President, Frank McGrath, that is still being agitated by the Vincents, of Winfield. Resolved, That we indorse the action of the lower house of our State Legislature during its last session, and deplore the partisan action of the upper house in killing any and all legislation in the interest of the people. THOS. LIVENGOOD, Secretary.

Lift Up the Masses.

From the Tecumseh (Neb.) Republican we learn that ex-Congressman De La Matyr, in closing one of his great political speeches, referred to the fact that he was criticised by the secular press for taking part in the politics of the country, and spoke of the preacher who said it was not money the poor wanted, but Christ; and related the following incident to illustrate the fallacy of attempting to instill religious ideas into worn and famished bodies: "I was on the battlefield of Gettysburg six days and nights. About the middle of the week, near midnight, I was roaming about with a lamp and some soothing medicine in my hand, guided by the groans of men, going from one to another, adjusting their clothing, taking sticks out from under men where they had lain for hours and days. I heard a cry in the distance, and finally made out the word 'water.' I hastened to the spot and found a Confederate boy, not more than 17. I shall never forget that face as the light of my lamp flashed into it. As I stooped over him he said, 'Oh, Chaplain, give me water! If I had followed out the teachings of this preacher, I should have sat down with my lamp by the side of this boy and said to him, 'My dear boy, what you want most is not water, but Christ. I am a Christian minister, and it is my business to preach

Christ and Him crucified, and not have anything to do with political or secular affairs.' Instead of that I took my can and ran to a stream not thirty yards away, the murmuring of which he could hear, got a pint of water, raised his head and steadied him till he sipped the last drop. 'Oh, Chaplain, you will never know how that water blessed me!' I gave the poor boy all the water he wanted, took the sticks from under him, adjusted his saturated and stiffened garments, and fixed a pillow of leaves on which to rest his head. After I had done that I gave him some soothing medicine provided for men in his condition. Then I knelt by his side and put my hand on his feverish brow and said: 'My dear boy, I wish I could do more for you. It is very hard to lie here suffering in the woods.' He said, 'Home! home! oh, my mother!' with a tone that made me curse war in the depths of my soul. I said to him, 'Your mother cannot come to you, but there is One who loves you more than a mother; and I talked to him of the love of Christ, and he drank in every word as he had drunk the water. That, in my judgment, is the way to preach Christ. Lift up the masses. Take the children out of the filth and corruption; take them away from those influences while their spiritual natures are more plastic than the polished plate of the artist that takes the human countenance by the touch of sunbeam pencil. Bring them under the power of Christian civilization-give them taste and refinement. When this revolution is accomplished, then the masses will be lifted up. Every industrious family will have a home with all the comforts of life. Then culture will be universal. Look! I see the lifting up of the race. God hasten the grand success.'

Memorial Day Services.

To the officers and members of the F. A. & I. U. of the State of Kansas:

I respectfully recommend that the sub-organizations do, so far as practicable, attend Memorial day services as a society, May 30, 1891. FRANK McGRATH, State President F. A. & I. U.

Executive office F. A. & I. U., Topeka, Kas., April 24, 1891.

The Route to Cincinnati.

The official route selected for delegates to the Cincinnati conference from St. Louis to Cincinnati is the O. & M. road, which has guaranteed superior accommodations and decorated cars at the reduced rates fixed by the Central Traffic Association. The Western Passenger, the Trans-Missouri and the Trans-Continental associations have refused to grant reduced rates, evidently for the purpose of diminishing the attendance and if possible crippling the conference. This refusal to grant the customary accommodation to like conventions of other parties can only be construed as evincing an unfriendly spirit toward this movement. In view of all the facts, the Chicago & Alton road has been selected as the official route from Kansas City to St. Louis, inasmuch as the President of that road has declared in favor of government control of railways and a 2-cent per mile passenger rate. In consequence of the liberal policy of that road it is now boycotted by the plutocratic roads of the East. It is to be hoped that all delegates who can do so will concentrate at Kansas City and purchase tickets over the Alton road. The time of leaving Kansas City will be announced at a later date.

The Cincinnati Convention.

Delegates and others attending the Alliance Convention, at Cincinnati, May 19th to 21st, will find to their advantage to go by the Ohio & Mississippi Railway. This great line runs four solid trains every day from St. Louis to Cincinnati, and is fully equipped to transport the large number, who will no doubt attend the meetings. Those who go by the O. & M. will be well taken care of. No other line runs a passenger train through from St. Louis to Cincinnati or even a day coach.

With such advantages the O. & M. undoubtedly will, as it deserves on account of its superior facilities, carry the bulk of the delegations going from the West. A large number having already signified their intention to take that line.

To Alliances.

Send to Brother D. W. Cozad for special terms to Alliances on all classes of nursery stock. Address D. W. Cozad, LaCygne, Linn county, Kansas. (Mention KANSAS FARMER.)

Publishers' Paragraphs.

Shippers of wool should send for the Twelfth Annual Wool Circular issued by the Funsten Commission Co., which contains special information about wool generally and the St. Louis mart in particular. Drop them a card and ask for this annual.

A FARMER representative recently called on the well-known commission firm of Hagey Bros., St. Louis, a firm that has secured a large patronage in Kansas and other Western States. They are always bristling with entertaining sheep and wool facts and are one of the most enthusiastic advocates of the St. Louis wool market, and express great faith as to the hopeful future of the sheep industry.

Sheep owners will note the advertisement of F. C. Taylor & Co., wool commission merchants, at 208 210 N. Main St., St. Louis, where they have successfully handled wool for twenty years, and claim that they possess facilities for handling wool to the best advantage. This firm charges a straight commission of 2 1/2 per cent, and the higher the price obtained for the shipper the more they make. As to their standing, they refer to any bank or established business house in the city.

FENCE MACHINES.-Our readers, no doubt, have noticed the advertisement of Lowden's Perfection Wire Picket Fence Machine in the columns of the KANSAS FARMER, made by Mr. L. C. Lowden, of Indianapolis, Ind. This machine is one of the best in the market, and is designed for constructing the wire and picket fence along the line of posts in fields where wanted. Every farmer can build his own fence quickly and cheaply. Write for catalogue. Price of machine, \$10. Mr. Lowden also makes a good post auger, and sells wire and pickets cheap as any one, direct to farmers. Agents are wanted in Kansas and other States. We have known Mr. Lowden for several years, and believe him to be perfectly reliable.

THE WORLD'S FAIR.-Everybody has read about the World's Fair, and nearly everybody has read the fine illustrated catalogue of the Foster Buggy and Cart Co., of Cincinnati, O., who are manufacturers of the celebrated "Foster" \$45.25 buggies and \$5.25 harness. Those who have not received their catalogue should at once send for it. You could not spend a few minutes to better advantage than in reading a catalogue of the "Foster" carriages and harness, and a postal card to their address will secure you this valuable book free. This firm is known throughout the country as the largest and cheapest buggy and cart emporium in the world, and do the largest business direct with the consumer of any house in the country. How they can sell a splendid road wagon for \$37.50 is one of the mysteries, but they actually do this. The man or family must be in very moderate circumstances, indeed, who cannot afford to ride when vehicles and harness are sold at such nominal figures.

Mr. J. W. Stout, 210 Sixth Ave., west, Topeka, will sell the McCormick harvesting machines this year. He tells us the McCormick company are obliged to make at the rate of one complete machine every minute of the day in order to supply their world-wide demand, - the McCormick being almost as well known on the steppes of Russia, the plains of the Danube and in the winter harvests of the southern hemisphere-Australia, South Africa and South America-as it is here. Mr. Stout also showed us a fac simile of the Gold Staats Medaille which the McCormick "Machine of Steel" won at the great Universal Exposition trials held in Vienna last summer. The McCormick catalogue, which, by the way, he keeps for gratuitous distribution, is a work of art and will repay careful reading, while the lithographic poster of the historic battle of the Monitor and Merrimac is the finest we have ever seen published. When we take into consideration that the McCormick company sold 105,468 machines in 1890, the popularity of their harvesters and mowers and the capacity of their mammoth works afford an interesting subject for contemplation. Mr. Stout invites farmers to call and examine his elegant line of hardware. Call and get estimates. Everything new.

Doctors may differ in opinion as to the cause of that feeling of languor and fatigue so prevalent in the spring; but all agree as to what is the best remedy for it, namely, Ayer's Sarsaparilla; it makes the weak strong, and effectually removes that tired feeling.

A mixture of seeds of hardy bedding plants will cost but a small sum, but will add greatly to the beauty and attractiveness of the front yard.

Consumption Cured.

An old physician, retired from practice, had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma and all Throat and Lung Affections, also a positive and radical cure for Nervous Debility and all Nervous Complaints. Having tested its wonderful curative powers in thousands of cases, and desiring to relieve human suffering, I will send free of charge to all who wish it, this recipe in German, French or English, with full directions for preparing and using. Sent by mail, by addressing, with stamp, naming this paper, W. A. NOYES, 820 Powers' Block, Rochester, N. Y.

\$45.25 FOSTER \$5.25 BUGGIES HARNESS. We send Free to every person on application our illustrated catalogue of the Celebrated 'FOSTER' Buggies and Harness. All goods guaranteed. Write quick. We can save you money. THE FOSTER BUGGY & CART CO. 65 W. 4TH ST. CINCINNATI, O.

IT IS A WISE MAN

Who makes the best of his opportunities. Many so-called cost sales are not opportunities.

IF A MERCHANT'S PROFITS

Are worth saving, our quit business sale is an opportunity not to be lost. Its equal has never been presented to this community.

POSITIVELY WE QUIT BUSIN'SS

Just as soon as the citizens of Topeka awake to the issue and come to our rescue by helping us to move this gigantic

FURNITURE STOCK.

It is a fact that each and every article goes at the cost price. Our stock is too large for a single buyer, so we must resort to this means and give all present purchasers

MANUFACTURERS' PRICES.

This stock must be turned into money, dollar for dollar, at price we paid. Do you realize what this means?

WE CHALLENGE

A comparison of prices. In order to convince yourself, look at other stocks first and then come to us and buy. You will save 25 per cent.

REED & SON,

510 Kansas Avenue, Topeka.

F. F. F. F.

FOUR FLOORS FULL FURNITURE.

GOOD BUTTER WANTED.

Some time since we had an advertisement in this paper. A good many people answered it, and they continue to deal with us; and we think there are many more who would if they were acquainted. Send us your name and address if you make butter, and we will tell you how to send, prices, etc. GILT EDGE BUTTER Co., Pueblo, Colo.

CALIFORNIA LANDS!

Yield More Profit Than Any Other in the World.

All kinds and descriptions, in all parts of the State, on any terms. CALIFORNIA COLONIZATION CO. Capital \$5,000,000. E. D. HILL, Manager Colorado, Kansas & Nebraska. Headquarters-Denver, 1643 Champa St., Room 12.

Farm Loans.

Loans on farms in eastern Kansas, at moderate rate of interest, and no commission. Where title is perfect and security satisfactory no person has ever had to wait a day for money. Special low rates on large loans. Purchase money mortgages bought. T. E. BOWMAN & Co., Jones Building, 116 West Sixth street, Topeka, Kas.

Make Your Own Bitters!

On receipt of 80 cents, U. S. Stamps, I will send to any address one package Steketee's Dry Bitters. One package makes ONE GALLON BEST TONIC KNOWN. Cures Stomach and Kidney Diseases. Address GEO. G. STEKETEE, GRAND RAPIDS, MICH.



**Gossip About Stock.**

W. H. Dockhorn, Elwood, Kas., says: "My sow, Elwood Maid 42353, farrowed eleven fine black pigs, all of them with white points and no swirls, sired by Adams Chip. Any one wanting something nice can find it in this litter."

W. B. Webster, of Valley Falls, has taken a lot of horses to Monte Vista, Colo., for G. W. Goodrich and A. H. Webster. Among the lot is Bronze Chief and the yearling Richmond, by Wedgewood 6084, dam by Young Waverly, second dam by Stranger.

A most valued exchange is the Kentucky Stock Farm, a weekly journal devoted to the trotting horse interests. It is interesting and instructive to every lover of light harness horses, and is published by the Kentucky Stock Farm Co., at Lexington, Ky. Price \$2 per year.

Hon. J. M. Start, of Montgomery county, has forwarded the following names to the Secretary of the Improved Stock Breeders' Association, to be placed on the list of members: T. C. Truman, G. W. Fulmer, and P. L. Earnest & Son, of Independence, and E. A. Osborne, of Coffeyville.

In looking over the late Holstein-Friesian transfers, we find Kansas represented as follows: Monticello Chief 2d 10196, L. Barber, Jr., to I. B. Clark, Kinsley; Kansas Brown 18913, W. L. McKenzie, to Kasper Kanjanlekar, Valley Falls; Jerry Simpson 15715, Garwood Bros., to S. D. Kelly, State Center.

Ira K. Alderman, Secretary of the Standard Poland-China Record Association, has prepared and published a "Swine Breeders' Handy Register," which is a model of compactness and convenience. It is indeed all that its name implies, and is large enough to last eight years for a breeder of twelve sows, or two years for forty-eight sows. It is cheap and useful, and fills a "long-felt want."

E. O. Raymond, of Wilsey, Kas., in writing us, says: "Your exchange struck the nail on the head when it said 'Alliance horses' were peculiar. The Percheron is an Alliance horse, or anybody's horse who wants a good one, and we have sold our share this spring. Some have gone to Alliances and some to farmers and stockmen. The KANSAS FARMER beats all the papers we have tried in Kansas for advertising."

The KANSAS FARMER acknowledges receipt of E. A. Smith's Norwood stock farm catalogue. This farm is located two and one-half miles west of Lawrence, Kas. Mr. Smith says he is proud of the success he has attained in breeding up the standard of stock at Norwood, and has confidence in the principles of breeding the trotting and road horse, which he has practiced since the foundation of his stud in 1873.

KANSAS FARMER readers will readily recognize the advertisement of that well-known commission merchant, A. J. Child, of St. Louis. Old sheepmen of Kansas and Missouri have had satisfactory dealings with Mr. Child for many years, and consider him a valuable friend when it comes to selling wool, getting the top prices and making quick returns. Sheep owners need have no hesitation in making consignments of wool to any of our advertisers at that favorite mart.

Vivion & Alexander, of Fulton, Mo., say that they have the finest lot of male and female prize Poland-China pigs, both in pedigree and individual merit, they ever had, which they will box and put aboard of cars for \$25 per pair, if ordered within next thirty days. They have yet a few young sows for sale, bred to King Quality and King Perfection, two of the best breeding boars in the West. These enterprising gentlemen also report 125 spring pigs that are the finest they ever had, with thirty sows yet to farrow. They report their stock in the best of health.

One of our Manhattan exchanges says: S. A. Sawyer has a pair of Richelleu colts, full brothers, that are hard to beat. They were sired by the Higinbotham French Coach horse, Imp. Richelleu, No. 28. The younger colt was a year old last week, and on its birthday weighed 730 pounds; the older was 2 years old about the same time, and weighed 1,036 pounds—weighing 725 when a yearling. These animals are valued at \$400, and are probably as fine a pair of colts as were ever raised in this county. Did not our horsemen make a great mistake when they permitted Richelleu to be taken from the county, and at half the price which he cost Mr. Higinbotham?

The American Trotting Horse Register Company was formed at Chicago, April 22, by prominent breeders of trotting horses from all parts of the country, and purchased Wallace's Register. The stockholders met the next day and elected its first Board of Directors, as follows: H. C. Jewett, New York; F. Y. Waters, Mississippi; I. L. Mitchell, Wisconsin; T. M. Fogg, Tennessee; C. F. Emory, Ohio; F. Rockefeller, Ohio; C. W. Williams, Iowa; N. C. Chamberlin, Virginia; W. B. Allen, Massachusetts; C. J. Hamlin, New York; W. P. Ijams, Indiana; S. Parker, Illinois; F. L. Gorton, Illinois; M. Saulsbury, California; J. C. Sibley, Pennsylvania; M. J. Coleman, Missouri; F. E. Perkins, Rhode Island; P. P. Johnson, Kentucky; H. C. McDowell, Kentucky; Walter J. Clark, Michigan; W. I. Hayes, Iowa; M. Dely, Utah; L. H. Randall, Connecticut; M. J. Jones, Nebraska; W. H. Raymond, Montana; S. A. Brown, Michigan; M. D. Combs, California; E. A. Smith, Kansas; A. C. Bruce, Minnesota.

The attention of our readers is respectfully called to the first annual show and sale by the Inter-State Short-horn Show and Sale Association, which will take

place at Riverview park, Kansas City stock yards, on Wednesday, May 13, 1891. The catalogue is ready, and shows as finely bred a lot of Short-horns as any country need produce, and every one of them are animals of the best individual merit, having been selected by Mr. J. N. Winn, well known as an expert judge of breeding cattle. The great feature will be the exhibition, commencing at 9 a. m. on the day of sale, \$150 having been provided for cash prizes to the most meritorious animals, and all will be sold in the afternoon, beginning at 1 o'clock sharp. This initial sale will undoubtedly be of great benefit to every lover of the "red, white and roans." Catalogue will be sent on application to P. D. Etue, Secretary, Kansas City, Mo. Attention is called to the two days sale of Short-horns by W. Z. Darr & Son, Carrollton, Mo., and J. W. Pickett, Lilly, Mo., at the same place, on Thursday and Friday, May 14 and 15.

**A Wool Merchants' Standing.**

In this issue of this paper will be found the advertisement of Funsten & Moore, of St. Louis, a well-known wool commission firm, that have a well established and extensive business with sheep-owners of the West, and who desire the wool consignments of our readers, a number of which have no doubt had dealings with them. But as Messrs. Funsten & Moore have never before advertised in the KANSAS FARMER and their standing may not be generally known, we publish a letter from their bankers, as follows:

St. Louis, Mo., April 23, 1891.

Kansas Farmer Co., Topeka, Kas.: GENTLEMEN:—We have been asked to give the standing and character of the members composing the firm of Funsten & Moore, wool commission merchants, of this city.

The firm of Funsten & Moore have done business with this bank for about twelve years, and is responsible and reliable. They stand at the head of the wool merchants of this city, and we cordially recommend them to wool-growers and shippers, believing that they could not make their shipments to a better house, and we shall be glad to answer any questions that wool shippers should like to ask concerning them.

Yours truly,  
WM. E. BURR, JR.,  
Cashier St. Louis National Bank.

Funsten & Moore also give as Kansas references, Geo. W. Brown & Son, bankers, Augusta; Exchange National Bank, El Dorado; and Woodson National Bank, Yates Center. Wool-growers are requested to write these references in order to verify their standing as a responsible commission firm.

**Weather-Drop Bulletin**

of the Kansas Weather Service, in cooperation with the United States Signal Service, for the week ending April 25th, 1891:

There has been a large excess of rain over the western and northwestern counties, a deficiency from Clark to Rice, nearly normal from Dickinson to Nemaha, with a large excess from Sumner to Leavenworth and in the southeastern counties. The temperature this week has been above the normal in all parts of the State, with an average amount of cloudiness.

In Greeley the soil has been too wet to plow, but all crops in the ground are in fine condition. In Kearny the oats crop is coming up in good shape, while the wheat and rye are pushing with unusual vigor, and the planting of a large variety of seeds in abundance is progressing. In Scott the warm moist weather of the week has made a wonderful growth in the wheat, rye and grass crops. In Lane, Gove and contiguous counties the same conditions prevail. In Norton the ground is in better condition than during the past ten years, with all vegetation making a vigorous growth. In Clark a good heavy rain would be timely, though light showers are doing much good; wheat, rye and grass are growing nicely, cherry and peach trees are in full bloom (which is the case with these trees all over the State). In Sumner early corn is six inches high, wheat ten to fourteen inches, while rye is heading out. In Harvey such wealth of all fruit blossoms has never been witnessed, corn planting largely done, oats growing very fast, and May wheat nearly ready to head. In Montgomery the warm moist rains have pushed all vegetation, but stopped corn planting. In Coffey vegetation was never known to grow so fast.

T. B. JENNINGS,  
Signal Corps, Ass't Director.

**TOPEKA WEATHER REPORT**

For week ending Saturday, April 26, 1891. Furnished by the United States Signal Service. T. B. Jennings, Observer.

Date	Thermometer	Rainfall
	Max. Min.	
April 19	75.2 56.9	.02
" 20	74.0 57.8	.68
" 21	74.4 55.8	.38
" 22	75.4 51.0	.02
" 23	78.0 47.1	..
" 24	80.8 51.0	..
" 25	81.8 51.5	..

The superior merit of Ayer's Cherry Pectoral as an anodyne expectorant is due to a skillful combination of the most powerful ingredients. Nothing like it has ever been attempted in pharmacy, and its success in the cure of pulmonary complaints is unparalleled.

**Farmers' Trade Wanted!**

That wants to buy Clothing for less money than ever before.  
That wants Ladies' and Gents' good \$3.00 and \$4.00 Shoes for \$2.50.  
That wants a good stock of Hats and Gents' Furnishing Goods to select from.  
That wants the best brands of Domestic and other Dry Goods, selected especially to suit the wants and demands of the farmer.  
That wants the best Carpets and Curtains for the least money.

**New Goods Coming in Every Day that are of Interest to all Farmers.**

Give us a trial and prove that we give you more for your Dollar than you are in the habit of getting.

**Dry Goods, Carpets, Clothing, Hats, Boots, Shoes, Etc.**

**W. W. CURDY,**  
419-421 KANSAS AVENUE, TOPEKA, KAS.

**DRY GOODS LOWERED!**

An EARNEST, DETERMINED effort to reduce our stock by thousands of dollars, as the result of a backward season.  
Amazing reductions in our

**Dry Goods, Clothing, Carpets**

Write us a postal, stating that you saw this notice in the FARMER, and we will mail to you free a circular descriptive of this sale.

**S. Barnum & Co.,**  
617-619 KANSAS AVE., TOPEKA.

**Easy as a Cradle.**

Each vestibule sleeper on the Santa Fe Route "Cannonball" train between Denver and Chicago is as easy as a cradle. Chair cars, library cars and day coaches are arranged with conveniences that satisfy the most fastidious traveler. No prettier, swifter or more comfortable train has ever cut a hole in the night.

**Cheap Ride to California.**

If it costs \$35 to buy a ticket to southern California via Santa Fe Route (quickest and shortest line), and in California you regain lost health or wealth, it's a cheap trip, isn't it?  
The mascot in this case is the Santa Fe route.

**The Mormon Elders' Book**  
on Social Strength, mailed free to married men, address F. B. Cronch, 202 Grand St., New York

**MONEY** can be earned at our NEW line of work, rapidly and honorably, by those of either sex, young or old, and in their own localities, wherever they live. Any one can do the work. Easy to learn. We furnish everything. We start you. No risk. You can devote your spare moments, or all your time to the work. This is an entirely new lead, and brings wonderful success to every worker. Beginners are earning from \$25 to \$50 per week and upwards, and more after a little experience. We can furnish you the employment and teach you FREE. No space to explain here. Full information FREE. TRUE & CO., AUGUSTA, MAINE.

**Protect Your Homes**

By using the Lightning Hand Fire-Extinguisher. Simple, harmless and effective and can be used by any intelligent twelve-year-old child. They are in use by thousands of families and give perfect satisfaction. Write for circulars. We want a good live Agent in every county. Address  
**Lightning Hand Fire Extinguisher Co.**  
Kansas City, Mo.

**To Money-Makers!**

And investors wanting to purchase shares, at first price, of the treasury stock of the Green Copper Mining Co., of Montana, whose ten copper claims will be, it is claimed by experts, the greatest copper mine in the world. Write for prospectus and particulars to  
EVANS, ORCUTT & CO.,  
16 Main St., Butte, Montana.

**To Exchange**

For Ranch, Land or Stock (sheep preferred), paid-up, non-assessable stock in Agricultural Implement Factory in Kansas City, doing paying business.  
MARK WILLIAMS,  
1820 Grand Ave., Kansas City, Mo.

**HIGGS COMMISSION CO.,**  
**Receivers & Shippers of Grain,**  
324 Exchange Building,  
KANSAS CITY, MO.

Only authorized Grain Agents of Kansas Alliance Association. Liberal advancements made on all consignments. Market reports furnished on appl., Free.

A. D. JOHNSON, President. G. L. BRINKMAN, Vice President.

**JOHNSON-BRINKMAN**  
**COMMISSION COMPANY.**

**Grain, Mill Products, Etc.**

ROOM 328 EXCHANGE BUILDING,  
Telephone 2623. KANSAS CITY, MO

H. GIVEN HAGEY. FOUNT P. HAGEY. FOREST HAGEY.  
BEN. M. HAGEY. THOS. J. HAGEY. LEWIS W. HAGEY.

**HAGEY BROS.,**  
**ST. LOUIS, MO.**

**WOOL**  
**Commission Merchants.**

AGENTS FOR COOPER'S SHEEP DIP.

**FARMERS!**  
**LOOK HERE.**

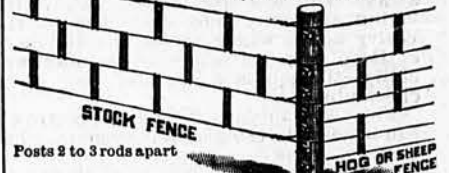
We are prepared to furnish the celebrated  
**EXCELSIOR STEEL BINDERS AND MOWERS**

direct to the farmers, cheap. Catalogues furnished. Write for prices.

**C. A. TYLER,**  
503 Beard Building, Kansas City, Mo.

**THE DUNCAN FENCE.**

Large Smooth Wire (No. 9), Steel Stay Guards, and Stretcher Fasteners



Posts 2 to 3 rods apart

A POWERFUL, HARMLESS, Visible Fence for HORSE PASTURES, FARMS, RANGES AND RAILROADS. You can build any height, and, by using Hog or Sheep Guards, as close as you wish.

**WIRE FENCE IMPROVEMENT CO.**  
97 TO 91 THIRD AVE. CHICAGO.

**CANCER** and Tumors CURED: no knife; book free. Drs. GRATONY & DIX, No. 163 Elm St., Cincinnati, O.



## 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.

### A Song of Spring.

Blow, softly blow, sweet springtime wind,  
O'er budding lanes and fields of green—  
(I must get Mike to fix that blind;  
The back door needs a new wire screen).

Brown robins flutter from the hedge  
Where nests are hidden—(Gracious me,  
The boys have notched this railing's edge  
Until it's really ruined—See?)

Swift lights and shadows on the hill,  
Bring back dear visions, dear, in vain—  
(We can't put up lace curtains till  
We paint these window-frames again!)

Oh, fairest dream! Oh, softest charm!  
If I could seize it—(Yes, I hear!  
Tell Kate to make the suds quite warm,  
And I'll be down directly, dear).

Adieu to toil, to sordid cares—  
(The junk man, is it? Very well,  
Just ask him if he'll step upstairs  
And see these stoves I have to sell!)

—Madeline S. Bridges, in Ladies' Home Journal.

### As In Vision.

Sometimes in heaven-sent dreams I do behold  
A city with its turrets in the air,  
Its gates that gleam with jewels rich and rare  
And streets that glow with burning of red gold;  
And happy souls through blessedness grown bold.

Thrill with their praises all the radiant air,  
And God himself is light, and shineth there  
On glories tongue of man hath never told.

And in my dreams I thither march, nor stay  
To heed earth's voices, how'er they call,  
Or profers of the joys of this brief day,  
On which so soon the sunset shadows fall!  
I see the gleaming gates, and toward them  
press—  
What though my path lead through the wilder-  
ness?

—Louise Chandler Moulton, from "In the Garden of Dreams," by permission of Roberts Bros.

Written for the KANSAS FARMER.

### A KING'S DAUGHTER.

A group of young girls were gathered in the vestry of a dim old church which stood desolately alone, away from the noisy activity of the little city, which, nestling in the shadow of a great metropolis, caught much of its hurry and bustle. Its stone walls, gray with age, and ivy-leaved, could but attract the passer-by as a relic of years passed away. Faintly the sun shimmered through the stained glass of the narrow gothic windows, bringing into dim relief its somber interior. Dark and gloomily forbidding, it was, nevertheless, dear to the young hearts gathered there, more than one of whom had been christened at its sacred fount and who felt a just pride in its quaint antiquity.

It was the day before Easter, and their deft fingers had been busily transforming into beauty and brightness its grand and solemn severity. The fresh young voices rang through the gloomy old aisles, awaking the silent echoes of the years long gone,—echoes which, to their youthful imaginations, were peopled with the voices of departed and forgotten worshippers.

The last vase had been deposited in its appointed niche. The altar was a bank of loveliest color and fragrance. Sprays of smilax, artistically festooned with brilliant sweet-scented flowers, draped the chancel. Roses creamy and fragrant, odorless carnations and modest blue violets occupied every available space, a mass of lovely Easter bloom. And now they were gathered around the vestry fire, awaiting the choicest of their decorations, Faith Fenwick's Bermuda lilies. Chatting with the freedom of intimacy, the time passed quickly. When the lilies were brought each one gazed rapturously on their waxy whiteness, sweet emblems of purity.

"In the fragrance of the lilies Christ was born across the sea," quoted Faith. "Oh, how we can sing! These beautiful lilies must give of their sweetness as we give of our heart's worship. I believe they will inspire us to sing as never before." With one accord they lifted their voices, and the opening chorus of the grand Easter anthem filled the dim old church with a flood of melody. Faith, with gleaming eyes cast upward, seemed floating away under the influence of its inspiration. With a feeling akin to awe, they gathered round her with anxious exclamations.

"Don't, Faith! Don't sing our spirits away. You are tired now." And with loving authority they drew her to the vestry again, where, under the influence of its cheery warmth—for the day was chilly—they quickly regained their usual cheerfulness.

This was to-day. When the morrow's sun ushered in the glad Easter morn, what would it bring?

"Isay, girls, I must drop in at Madame's and see if my new Easter hat is sent up," said the bright Alda Maynard.

"Yes," echoed Mina Moulton, "one is absolutely obliged to keep an eye on Madame. She procrastinates terribly. Mine was sent home last evening, though. I am at peace."

"You little prideful sprite!" said an-

other. "I suppose it is a marvel of blue daintiness."

"You are quite mistaken," returned Mina. "It is dainty, oh! yes. But the color—I have learned at last what is becoming to a blonde. It is not blue, I assure you." Furthermore I shall not enlighten you.

"Well," said another, "I am on Madame's list, also. Would you believe it? Last year my hat arrived just in time for church. Mamma was terribly mortified, and she says if Madame fails to send this one to-night I must wear my old one. Think of it! But I will see to that; and so, Alda, I will accompany you to Madame's. It is late, girls," she continued, adjusting her wraps, "and there's oceans to do."

"O, here comes Dr. Cassel!" as a tall, bright-looking young man opened the vestry door and came briskly in.

"Dr. Cassel (addressing him), why did you not come earlier? We are ready to go now. It is late."

"I beg your pardon, Miss Norton. But is it necessary to practice the chorus again? I was passing and could not resist taking a view of your handiwork, which, allow me to say, is perfection indeed. Miss Fenwick, your lilies gave me a feast of beauty and fragrance."

"Now, Dr. Cassel!" said the lively Mina. "What invisible sprite told you those were Faith's lilies? Because they are so much like her own sweet self? No, you need not answer. We are limited as to time," and she laughed merrily.

Did this gay badinage affect Dr. Cassel? And Faith—His eyes sought hers with a strange emotion in their dark depths. Something he could scarcely define to himself confused, agitated him. It may have been the culmination of the question which of late had been persistently present in his thoughts—a question which, unknown to himself, was so soon to reach a sad solution. Scarce a year had passed since he came to Nottoway, a young physician without experience other than a year's practice in the hospitals of a great city. With an abiding love for his chosen work and a determination to succeed, he united the qualities of mind and heart, most necessary to success in his profession.

Like a fresh, cool breeze in summer's stifling heat was the invigorating, breezy atmosphere which seemed to surround him, waking to new life and vigor those with whom he came in contact. And the many who required his services professionally found in him a truly sympathetic friend also. Many times, in his round of professional visits, he had encountered Faith Fenwick, always in the homes of poverty; and her little pony carriage was quite as familiar to the poorer classes as his own modest turnout. He found it an easy matter to make her acquaintance. A musician of fine talents, carefully cultivated, he soon became necessary to the society in which she moved. And yet, as the desire for a more intimate acquaintance increased, he fancied a wall of reserve forbiddingly raised. Was it fancy? He must know to-day, now; he would penetrate this cold reserve which had hitherto held him aloof.

Bowing gravely to the giddy author of his embarrassment, he again turned to Faith.

"Miss Fenwick, I remember your time was not quite perfect at our last practice. Will you kindly sing the solo once more? I think the chorus will be perfect." And passing into the church, Dr. Cassel took his seat at the organ and played the opening notes. Then Faith advanced, and standing by his side, sang once more the grand Easter anthem, which on the morrow would be accompanied by a full chorus of trained voices. Her wonderful voice rose clear and strong, filling the old church with a burst of triumphant hallelujahs. As she ceased, trembling with rapt inspiration, she turned, to meet Dr. Cassel's gaze fixed upon her with a tenderness not to be misunderstood. For one brief moment they looked into each other's eyes, and then Mina's voice broke the embarrassing silence.

"Oh, Faith! you have sung us to the clouds," she said, drawing a long breath. "Your lilies are an inspiration. Come! We shall forget that we are of the earth, earthly. Let us be going."

"You will go with us, Faith?" said Alda, leading the way to the vestry. Faith was trembling still, though none seemed to notice it, save Dr. Cassel, who, with professional insight, saw the white lips and the hand pressed suddenly on her heart as if to still its sudden pain. A terrible fear smote him, though he felt relieved to hear her answer, cheerfully, she was "only wearied. My duties must be attended to, you know, dear. I shall make the cheerful performance of them my Easter offering."

"And we know what those duties are," said Ellice Norton. "Several old women's troubles to review, two or three fussy rheumatics to read to, with a song or two thrown in, and a full quota of wretched urchins to rescue from the gutter, and to whom she will administer good advice, peppered with rebukes and sweetened with bon-bons—O, I know how she does it! And that is not Lail, now, is it, ma chere? And in return, nothing! Your trouble for nothing."

"Better take my advice many times given," chimed in Mina, "and leave such disagreeable duties to those who cannot fill your place in society. Is not that wise counsel, Alda?"

"I am not sure, Mina, that Faith has not chosen the better part. I once endeavored to walk in the same path; but the world and the flesh proved too strong for me. I fainted by the way, and felled utterly. Let Faith alone, Mina; leave her free to follow her righteous promptings.

When the western sun shimmered faintly through the stained glass of the narrow gothic windows, loving hands bore her coffin form to the altar of the dim old church, made bright and beautiful with Easter bloom. The flowers she loved were round and about her, the last tribute affection could bestow. The old pastor, who had watched this sweet but unfolded beautiful womanhood, could with difficulty conduct the services for the tears that flowed; and in emphasizing the Christian

We will cultivate her, and thus may chance to shine, even if it be by reflected light. As you said a short time ago, 'we are of the earth, earthly.'

Dr. Cassel was drawing on his gloves just outside the open door, and he paused to note Faith's answer.

Faith Fenwick was an orphan, her parents having died before she was old enough to understand her loss, leaving her to the tender care of an aunt and uncle, who, adopting her as their own, had lavished upon her all the pent-up love of their childless hearts. In this sunny atmosphere she had grown to womanhood, beautiful, accomplished and popular. Did she from choice ignore the claims of society, so-called, to find her happiness in thus making beautiful the way for the lowly ones of earth.

Once more the mention of her name compelled him to listen.

"Tell us, Faith, how do you manage for time to accomplish such wonders?"

"Have you not had a generous portion of my time to-day?" she replied, rather wearily, the listener thought. "Should not I, a Daughter of the King, give of the fullness He has granted me, into the sorrowful, empty lives of others? Alda, Mina,—all, dear friends, this is my talisman. And taking from the folds of lace at her throat the silver cross, beautiful symbol of her order, displayed the simple legend, 'In His Name.'

They were silent, and as they prepared to depart, Ellice Norton quoted softly: "She walks in the ways that are lowly, Where bloom the rare roses and sweet, In paths which the Master made holy, By the print of his beautiful feet."

Dr. Cassel passed out, silent, yet elated, exalted. For him the Easter service would be freighted with a deeper meaning. Was it presumptuous to believe that a sweet mortal love had arisen to bless his busy, struggling life?

Faith Fenwick went her way alone, assured that one followed her in thought. She did not attempt to analyze her own emotions. Always sincere, she had met Dr. Cassel's attentions, so unobtrusively given, with an honest reserve. Tested by her lofty standard, he grew into her esteem as worthy of all respect.

With a sweet consciousness of something tender and beautiful added to her already happy life, she went about her self-imposed duties with a tenderer pity for those unfortunate ones into whose desolate lives she yearned to bring some of the sunshine which warmed her own.

And so "into a ward with whitewashed walls" this Daughter of the King came, like a bit of heaven, to poor little Tim, who eagerly kissed the beautiful lilies she put into his feebly outstretched hand. It was not much,—it was but little that he needed. He was nearing the end. Only a flower and a little song, but it soothed him to the last.

Old Mrs. Milroy, helpless from rheumatism, impatient, bitter with her trials, felt her weary heart lifted up as the sweet old Easter hymn was softly sung at her bedside—

Christ, the Lord, is risen to-day,  
Sons of men and angels say;  
Raise your songs and triumphs high—  
Sing, ye heavens, and earth reply.

Father Lantry, or Hermit Lantry, as he was usually called, who lived alone with his little grandchild, greeted her with the complaint that "he didna ken why she wa'sae long awa"; the bairnie had been greetin' for her sore." A Bible of plain print wherein he could read for himself the blessed words, "Christ is risen," and a box of Easter eggs, daintily decorated by her own hand, brightened many an hour for him.

When the sun crimsoned the west with a parting glow, Faith Fenwick sought her home, eager to fulfill the sweetest, though the last of her duties—yet no more a duty than a sacred pleasure—to cheer and cherish the dear ones who were father, mother, all to her. Ever after this special evening was, to their memory, consecrated; standing out from all others, distinct in its sweet communings, its quiet home joys. Alas! for them to be known no more. When the midnight moon rose o'er the sleeping city, Faith Fenwick, with quivering gasps and widely staring eyes, supported by loving arms, was panting her life away. A servant, hastily dispatched for the nearest physician, returned with Dr. Cassel, in whose pallid countenance they read the awful truth. Too late! Inherited weakness and heart failure. Restoratives promptly administered could alleviate but not delay the end. Dr. Cassel felt that he must know the truth ere death snatched from him his treasure, and bending low, he said: "Faith, you are drifting from me. Tell me—you are very dear to me—I had hoped you would bless my life with your dear love—tell me, had you stayed, was my hope in vain?" She understood, and feebly raised her hands to his in mute trustfulness.

In this supreme hour they unselfishly recognized his sorrow as paramount to theirs, and she breathed her last in his arms. Near the end, for a time, the agonized throbbings of her heart were stilled, and they caught the faintly-whispered words: "Do not delay—to-morrow—take me there—with the flowers."

When the western sun shimmered faintly through the stained glass of the narrow gothic windows, loving hands bore her coffin form to the altar of the dim old church, made bright and beautiful with Easter bloom. The flowers she loved were round and about her, the last tribute affection could bestow. The old pastor, who had watched this sweet but unfolded beautiful womanhood, could with difficulty conduct the services for the tears that flowed; and in emphasizing the Christian

## Hood's Sarsaparilla

Is a peculiar medicine. It is carefully prepared from Sarsaparilla, Dandelion, Mandrake, Dock, Pipsissewa, Juniper Berries, and other well-known and valuable vegetable remedies, by a peculiar combination, proportion and process, giving to Hood's Sarsaparilla curative power not possessed by other medicines. It effects remarkable cures where other preparations fail.

## Hood's Sarsaparilla

Is the best blood purifier before the public. It eradicates every impurity, and cures Scrofula, Salt Rheum, Bolls, Pimples, all Humors, Dyspepsia, Biliousness, Sick Headache, Indigestion, General Debility, Catarrh, Rheumatism, Kidney and Liver Complaints, overcomes that tired feeling, creates an appetite, and builds up the system.

## Hood's Sarsaparilla

Has met peculiar and unparalleled success at home. Such has become its popularity in Lowell, Mass., where it is made, that whole neighborhoods are taking it at the same time. Lowell druggists sell more of Hood's Sarsaparilla than of all other sarsaparillas or blood purifiers. Sold by druggists, \$1; six for \$5. Prepared only by C. I. HOOD & CO., Apothecaries, Lowell, Mass.

## 100 Doses One Dollar

deeds of charity of this Daughter of the King, he said:

"Wherever a mantle of pity falls soft on a wound of a woe,  
Wherever a peace on a pardon springs up to o'er-master a foe,  
Wherever a soft hand of blessing outreaches to succor a need,  
Wherever springs healing for wounding, the Master is risen indeed."

Pure as the lilies on her bosom, her white soul, on this glorious Easter day, is singing glad songs of triumph in the palace of the King.

These words Dr. Cassel resolved should be his talisman. With the memory of his lost love as an inspiration, he would go forth among the sorrowing ones of earth, and with tenderest love and pity heal and succor. With patient humility he would walk in the path her gentle feet had made plain. For him Christ is risen, indeed!

Vidette, Kas. COR CORRELLI.

### The Lady Next Door.

Mrs. W. envied the lady next door because she always seemed so well and happy. "She enjoys life and I don't," said the discontented woman. "How I would like to change places with her!" At last she made the acquaintance of the object of her envy, and this is what the lady told her: "Happy? Of course I am, for I enjoy perfect health. My dear Mrs. W., your face tells me why you are not happy. You are suffering from functional derangements. I was a martyr to female weakness for years, but Dr. Pierce's Favorite Prescription cured me, as it will you if you will try it. It is guaranteed to give satisfaction in every case or price (\$1.00) returned.

Dr. Pierce's Pellets, one a dose. Cure headache, constipation and indigestion.

## ST. JACOBS OIL

CURES SURELY.

### SPRAINS.

Ohio & Miss. Railway,  
Office President and  
General Manager,  
Cincinnati, Ohio.

"My foot suddenly turned and gave me a very severely sprained ankle. The application of St. Jacobs Oil resulted at once in a relief from pain."

W. W. PEABODY,  
Pres. & Gen'l Man'gr.

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Baltimore, Md.,  
Jan'y 18, 1890.

"I was bruised badly in hip and side by a fall and suffered severely. St. Jacobs Oil completely cured me." WM. C. HARDEN,

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THE CHARLES A. VOGELER CO., Baltimore, Md.

## If You Have

No appetite, Indigestion, Flatulence, Sick Headache, "all run down," losing flesh, you will find

## Tutt's Pills

the remedy you need. They tone up the weak stomach and build up the flagging energies. Sufferers from mental or physical overwork will find relief from them. Nicely sugar coated.

SOLD EVERYWHERE.

## MOTHERS

Dr. Snyder's Kidney Balm cures (BEDWETTING.)  
Mrs. Frank Stevens, Groton, S. Dak. says: "My two little boys were troubled with Enuresis. I took them up for times every night. Your Kidney Balm cured them in less than a week. I would about your praises from the house-top for all to hear. I thank you for making my poor little folks happy." Price \$1 per package, by mail. Address, with stamp for circular,  
Dr. O. W. F. SNYDER, McVicker's Theatre, Chicago, Ill.

Ask your Druggist to order it for you.

The Mormon Elders' Book  
on the strength, mailed free to married men, giving E. A. Crowder, 29 Grand St., New York



## The Young Folks.

### The Old School Clock.

Old memories rush o'er my mind just now,  
Of faces and friends of the past;  
Of that happy time when life's dream was all  
bright,  
Ere the clear sky of youth was o'ercast.  
Very dear are those memories; they've clung  
round my heart,  
And bravely withstood Time's rude shock;  
But not one is more hallowed or dear to me now  
Than the face of the old school clock.

'Twas a quaint old clock, with a quaint old face,  
And great iron weights and chains;  
It stopped when it liked, and before it struck  
It croaked as if 'twere in pain.  
It had seen many years, and it seemed to say,  
"I'm one of the real old sto. k."  
To the youthful boy, who with reverence looked  
On the face of the old school clock.

How many a time have I labored to sketch  
That yellow and time-honored face,  
With its basket of flowers, its figures and hands,  
And the weights and the chains in their place.  
How often I gazed with admiring eyes  
As I sat on the wooden block,  
And pondered and guessed on the wonderful  
things  
That were inside that old school clock.

What a terrible frown did the old clock wear  
To the truant who timidly cast  
An anxious eye on those merciless hands,  
That for him had been moving too fast!  
But its frown soon changed, for it loved to  
smile  
On the thoughtless, noisy flock,  
And it croaked and whined and struck with  
glee—  
Did that genial, good-humored clock.

Well, years had passed, and my mind was filled  
With the world, its cares and ways,  
When again I stood in that little school  
Where I passed my boyhood's days.  
My old friend was gone! and there hung a thing  
That my sorrow seemed to mock.  
As I gazed, with a tear and a softened heart,  
At a new-fashioned Yankee clock.

'Twas a gaudy thing, with bright-painted sides,  
And it looked with an insolent stare  
On the desks and the seats and on everything  
old,  
And I thought of the friendly air  
Of the face that I missed, with its weights and  
chains—  
All gone to the auctioneer's block;  
'Tis a thing of the past—nevermore shall I see  
But in memory that old school clock.

'Tis the way of the world—old friends pass  
away,  
And fresh faces rise in their stead;  
But still, 'mid the din and the bustle of life,  
We cherish fond thoughts of the dead.  
Yes, dearly those memories cling round my  
heart,  
And bravely withstand Time's rude shock;  
But not one is more hallowed or dear to me now  
Than the face of that old school clock.

—John Boyle O'Reilly.

### Sir Walter Scott and His Pets.

In his letters to his eldest son, Sir Walter frequently refers to his domesticated animals. "Hamlet," he says, in one of these letters, "had an inflammatory attack, and I began to think that he was going mad, after the example of his great namesake; but Willie Laidlaw bled him, and he recovered. Pussy is very well." Next letter: "Dogs all well; cat sick, supposed with eating birds in their feather." A little later: "Dogs and cat are well. I dare say you have heard from some other correspondent that poor Lady Wallace—a favorite pony—"died of an inflammation, after two days' illness."

Another example of Scott's kindness to the poor dumb creatures that were dependent upon him is given by Adolphus, who visited him in 1830. "In the morning ride," says he, "we crossed several fords, and after the rain they were wide and deep. A little, long, wise-looking terrier which ran after us had a cough, and as often as we came to water, Spice, by order of his master, was let into the carriage until we had crossed."

The affection which these animals had for their master was something very remarkable. Not only were his dogs greatly attached to him, but even the pigs and hens, and other of the animal friends which he kept about his premises, were constantly following him whenever he came near them. Lockhart mentions "a little black pig which, nobody knew how, had taken a sentimental attachment to Scott, and was constantly urging his pretensions to be admitted a regular member of his train along with the greyhounds and terriers." On one occasion, as Scott, with a number of friends, was starting out on a pleasure trip, this little black pig created a good deal of excitement and merriment by attempting to join the party. He whisked and jumped about among the hounds in great glee. There was a general uproar for some minutes. Scott at first tried to look serious, and snapped his whip at the pig, and tried to drive him back, but was finally compelled to give way and join in the fun. The pig, however, had to be sent home.

The affection which these animals had for their master proves how kind and gentle must have been his treatment of the poor dumb creatures dependant upon

him. It proves, too, better than anything else, his great kindness of heart, which was the leading characteristic of his nature. "He was," says Adolphus, "a gentleman even to his dogs."—*Harper's Young People.*

### A Pretty Piece of Ornamental Gardening.

A very pretty piece of ornamental gardening, not too difficult for beginners, can be done with an old umbrella or parasol and some plants of cypress vine, maurandia, sweet-pea, or anything that is not of too aspiring a nature. Such climbers as the morning-glory, canary-bird vine, and other twenty-footers, are better left for unsightly fences and buildings. Plants are better than seeds, because more certain, and they do not take so long to catch the knack of twining and spreading. Umbrella ribs are not decorative, and to see such an object standing there week after week, waiting for its clothes, does not give people a pleasant impression of a garden.

But first find your umbrella; and this may not be so easy, for "retired" umbrellas that are no longer fit for use are seldom seen. Some member of the family, however, may be able to produce one; and then it should be immediately stripped of the few tatters left to it. The next step is to paint the frame and handle brown, and when quite dry, plant the end of the handle firmly in the ground, with the frame fully opened. If the handle is rather short, it will be an improvement to add a piece of wood to it.

It is now ready for the vines, which should have made some progress in growing; and when they once begin to do their best, the old umbrella frame makes such a lovely green bower studded with blossoms of red or purple or white—or all together if the vines are mixed—that every one exclaims over its beauty.

A parasol with the same treatment is equally pretty on a smaller scale, and it would be very ornamental in the center of a round bed edged with bright-colored phlox or candytuft. With a long-spouted watering-pot the vines could have a daily drenching in warm weather, when the sun is not shining on them, from their roots to their highest green tips, and this would keep them fresh.—*Harper's Young People.*

### The Biggest Wheel in the World.

What is believed to be the largest wheel in the world was recently made at the works of the Dickson Manufacturing company, in Scranton, Pa., for the Calumet and Hecla Mining companies, of Michigan. It is a cog-wheel, fifty-four feet in diameter, with an eighteen-inch face, and is built in the exact form of a bicycle, with its extensions and spokes. The capacity of the wheel, at a velocity of ten feet a second at the inner edge of the buckets, is 30,000,000 gallons of water and 2,000 tons of sand in twenty-four hours. Its weight is 400,000 pounds. The journals are twenty-three inches in diameter and three feet four inches long. The total length of the shaft is twenty-three feet six inches.—*Philadelphia Press.*

## "German Syrup"

Here is something from Mr. Frank A. Hale, proprietor of the De Witt House, Lewiston, and the Tontine Hotel, Brunswick, Me. Hotel men meet the world as it comes and goes, and are not slow in sizing people and things up for what they are worth. He says that he has lost a father and several brothers and sisters from Pulmonary Consumption, and is himself frequently troubled

with colds, and he Hereditary often coughs enough to make him sick at Consumption his stomach. Whenever he has taken a

cold of this kind he uses Boschee's German Syrup, and it cures him every time. Here is a man who knows the full danger of lung troubles, and would therefore be most particular as to the medicine he used. What is his opinion? Listen! "I use nothing but Boschee's German Syrup, and have advised, I presume, more than a hundred different persons to take it. They agree with me that it is the best cough syrup in the market."

## AYER'S HAIR VIGOR

Restores the original color to faded and gray hair, keeps the scalp clean, and imparts that natural gloss and freshness so universally admired.


"A little more than two years ago my hair began turning gray and falling out. After using one bottle of Ayer's Hair Vigor my hair was restored to its original color and ceased falling. An occasional application has since kept the hair in good condition."—Mrs. H. W. Fenwick, Digby, N. S.

"Ayer's Hair Vigor is excellent for the hair. It stimulates the growth, cures baldness, restores the natural color, cleanses the scalp, prevents dandruff, and is a good dressing. We know it to differ from most hair tonics, in being perfectly harmless."—From *Economical Housekeeping*, by Eliza R. Parker.

### Ayer's Hair Vigor,

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists and Perfumers.

**Children**  
always  
Enjoy It.



## SCOTT'S EMULSION

of pure Cod Liver Oil with Hypophosphites of Lime and Soda is almost as palatable as milk. Children enjoy it rather than otherwise. A MARVELLOUS FLESH PRODUCER it is indeed, and the little lads and lassies who take cold easily, may be fortified against a cough that might prove serious, by taking Scott's Emulsion after their meals during the winter season.

*Beware of substitutions and imitations.*



## HIRES ROOT BEER

The GREATHEALTH DRINK.  
Package makes 5 gallons. Delicious, sparkling, and appetizing. Sold by all dealers. FREE a beautiful Picture Book and cards sent to any one addressing O. E. HIRES & CO., Philadelphia.

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If they could be weary of their songs, would find, in our great stock, an almost infinite variety of new melodies. 40,000 kinds of our old music are still called for, and the new are more numerous than the old.

**Cantatas.**—THE JOLLY FARMERS. Sargent. (40 cts., \$3.50 doz.) New, bright, easy, and all jolly farmers and their friends will like it. HEROES OF '76 (41, or 45 doz.) Trowbridge, for 4th of July; and NEW FLOWER QUEEN (80 cts., \$5.40 doz.) Root, for flower time.

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Choirs constantly send for our Octavo Music—8,000 numbers of Anthems, Sacred Selections, etc., 5 to 8 cts. each. Send for Lists.

Organists furnished with Voluntary and other music and players on Violins, Guitars, Mandolins, Banjos and all other instruments, supplied with appropriate music. Send for lists and information.

EMERSON'S VOCAL METHOD for ALTO, BARTONE and BASS VOICES (\$1.50) is a new and superior method.

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We will mail a copy free to all our regular customers. From others we ask 6 cents to pay the postage. Send that amount with your request for a copy. As we furnish the book free you ought to be willing to pay postage to get it. You cannot afford to be without it. Even if you don't send orders to us, it will save you money as a guide to prices you should pay at home.

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**H. R. EAGLE & CO.,**  
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OHIO & MISSISSIPPI RAILWAY.

The Only Road Running a Passenger Train FROM ST. LOUIS TO CINCINNATI.

4 SOLID VESTIBULED TRAINS Without Extra Charge.

are run by this line from St. Louis to Cincinnati, and all passengers have use of these Vestibule Cars.

Less than 10 Hours is our time from St. Louis to Cincinnati, being much quicker than by the longer and inferior routes.

By the Ohio & Mississippi Railway THERE IS NO CHANGE OF CARS

from St. Louis to Louisville, Cincinnati, New York, Philadelphia, Baltimore, Washington, and other important points east.

The O. & M. Ry. is the shortest and quickest and transports more passengers from St. Louis eastward than any other line.

RATES for passage tickets by the O. & M. Ry. are much less than by other routes.

Through tickets via this route are for sale at offices of connecting lines West, Northwest and Southwest. When purchasing ask for Tickets via Ohio & Mississippi Railway.

Ticket Offices in St. Louis, 105 North Broadway and Union Depot.

A. J. LYTLE, General Western Pass'r Agent 105 N. Broadway, St. Louis, Mo.

J. F. BARNARD, W. B. SHATTUO, Pres. & Gen. Manager. Gen. Pass'r Agent CINCINNATI, O.

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If you want to learn Telegraphy in the shortest possible time and secure a situation at once, write W. J. ROSS, Superintendent, Holton, Kansas. Bonafide arrangements with the largest Railway and Telegraph Companies in the U. S. for placing graduates. Board and room \$20.00 per month. **SITUATIONS SECURED FOR GRADUATES**



# KANSAS FARMER.

ESTABLISHED IN 1893.

Published Every Wednesday by the  
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Display advertising, 15 cents per line, agate, (fourteen lines to the inch).  
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Objectionable advertisements or orders from unreliable advertisers, when such is known to be the case, will not be accepted at any price.

To insure prompt publication of an advertisement, send the cash with the order, however monthly or quarterly payments may be arranged by parties who are well known to the publishers or when acceptable references are given.

All advertising intended for the current week should reach this office not later than Monday.

Every advertiser will receive a copy of the paper free during the publication of the advertisement.

Address all orders to  
**KANSAS FARMER CO., Topeka, Kas.**

Claus Spreckels, the noted sugar king and great Pacific manufacturer of sugar, has agreed, we understand, to put up a factory to manufacture beet sugar anywhere that 2,000 acres of land will be devoted to the cultivation of sugar beets. His address is Watsonville, Cal.

The eleventh session of the National Farmers' Congress is to be held at Sedalia, Mo., beginning November 10. The representation will be one delegate from each Congressional district in the United States and two delegates from each State at large, also the Presidents of all agricultural colleges.

Next week our Horticultural department will contain an illustrated description of the Wellhouse spraying machine, its construction, and how to use it. Also a letter from Prof. C. V. Riley, of the Department of Agriculture, in reply to a letter from our State Horticultural Society Secretary, G. C. Brackett, upon the question of "injury to stock grazing in orchards sprayed with insecticides."

A knowledge of agricultural science acquaints farmers with all questions pertaining to their interest, and thus equipped they are prepared to protect and defend their interests anywhere. But as long as farmers content themselves to remain ignorant of questions about which they should be the best informed, or neglect to put forth efforts that alone can bring success and command the admiration of men, just so long will they be the slaves for the balance of mankind.

The station council at the State Agricultural college, Manhattan, Kas., have determined upon a series of careful experiments in the culture of sugar beets in different parts of the State. Prof. Fallyer will gladly correspond with farmers who will undertake to raise a quarter of an acre of beets under his directions, subject to examination from time to time and analysis in the fall. As the **KANSAS FARMER** stated in a late issue, there need be no loss of money or time in making these necessary experiments, as the beets make the very best feed for stock.

Important rules governing exhibits at the World's Fair were adopted Wednesday, April 15, and separate exhibitions by States prohibited. It is claimed that should the States make their exhibits at State buildings, much of the effect of the display would be destroyed. At the Paris Exposition the Argentine Republic made its exhibition in a building erected for the purpose. It was a beautiful structure and the display was fine, but it was so small, compared with the main buildings of the exposition, that it was lost. At the Columbian Exposition it is proposed each State shall erect a building and use it as headquarters, a club house, if desired, and perhaps put samples of its products there, but put its regular exhibits in the large buildings.

## WHO ARE THE REPUDIATORS?

It is discouraging to note the continued effort of a certain class of political writers and speakers to reap a harvest out of the misfortunes of their fellow men. This is written with special reference to men who are clamoring about the financial condition of the people of Kansas. They insist, in season and out of season, telling it wherever they go, and wherever they have the means of sending their denunciations, that the Farmers' Alliance and kindred organizations in Kansas are doing all that is in their power to repudiate their debts and to bring odium upon the State and the people. These fellows know that what they say in this respect is not only false in itself and utterly without foundation, but that it is spoken or written with a deliberate intent to deceive the people in other parts of the country in order that a fortune may be made out of the deception. The members of the political organization known as the People's party in Kansas cast about 115,000 votes at the last election, more than one-third the entire vote of the State, and yet it is perfectly safe to say that not one person in every one hundred of those who voted the People's party ticket ever, either publicly or privately, orally or in writing, expressed a desire to repudiate any honest debt. There was nothing in the People's party platform, there was nothing in the speeches of the recognized leaders of the People's party, which even intimated anything of the kind. Our papers have repeatedly, time and time again, given notice to the world that we are not repudiators. Our people utterly despise repudiation in all its forms. We do not belong to that class of men and women, and yet many men who cry us down as demagogues and cranks and say all manner of evil things about us, circulate among the Eastern people and capitalists generally, reports that we are trying to get rid of the payment of our debts. Something, surely, would have cropped out in the Legislature last winter looking in that direction if there had been any intention upon the part of our people to get rid of paying any debt that they honestly owe; yet only one bill was introduced which bore even remotely upon the subject, and that was a proposition to give to the judgment debtor an equity of redemption for two years, a law which was once in force in this State, and is now in force in many other States, and ought to be in force everywhere. There was nothing said about repudiating debts then or at any other time by the members of that Legislature. What they asked for, and what the people have a perfect right to ask for, is time to pay their debts. Nothing is more common in business matters than for debtors to ask an extension of time when they find it difficult to meet their obligations at maturity.

It is well known here and everywhere that the condition of the farmers in all the West has been one of extreme embarrassment, and that it is growing worse rather than better; but instead of their proposing to repudiate, they simply ask a little longer time. No reasonable man objects to this; no reasonable man ever did object to a debtor asking time to pay his debt. It is only a matter of business between the debtor and the creditor. We understand very well that there is no such thing as morality or sympathy in business. It is purely and coldly dollars and cents. All this talk and noise about repudiation in Kansas comes, as this paper has repeatedly charged, from a class of men who want to make money out of the misfortunes of their fellows. One gentleman in this city took occasion to brand the movement in favor of an equity of redemption as a repudiation of the contract. He is engaged in the business of lending money; he knows as well as anybody else does that the people of Kansas have no intention of repudiating their debts; he knows as well as the rest of us do that what we want is simply a little time that we may save our homes while we are paying our debts. This clamor on the repudiation string will cause an onslaught upon the debtors of the State by the owners of money, through fear that in some way their investments are in danger. Then syndicates will be organized for the purpose of purchasing the lands that are sold for a song at foreclosure sales. These lands will be put upon the market afterwards for sale to farmers from other parts of the country who are able to pay for them, or new systems of landlord farming upon an extensive scale will be adopted, and the

present owners, if they see proper to remain in the neighborhood, will be "hired men" or renters. That will be bonanza farming, when steam plows and threshers are used; when sixty to sixty-five acres of wheat can be cut and threshed in one day by the use of a single machine, as it is now, and has been done two or three years in the State of California. Many of the men who now own farms will from that time on be at the mercy of one man or a company of men able to employ a thousand farmers, just as it is with mechanics in the great factories, where from 1,000 to 3,000 men are employed, every man working at a particular piece of a wagon, or shoe, or whatever article is being manufactured.

It is a serious matter, and the men who are bringing this condition of things upon us will have more to answer for in the time to come than they now dream of. They are vampires upon the body politic. They are living off of the blood and the sweat of honest men. They are in all respects bad, bold, dangerous men, and unless the people rise in their majesty and mow them down before an indignant public sentiment, they will yet be the rulers of the country.

## WORLD'S FAIR CONVENTION.

The convention called by the State Board of Agriculture to consider ways and means to best secure a creditable Kansas display at the Columbian Exhibition, proved to be a fairly representative, non-partisan, common-sense body of men. The plan agreed upon was submitted by ex-Governor Glick, as outlined in the following resolutions adopted by the convention:

**Resolved**, Proposition (1) That this convention appoint a committee to be known as the "Bureau of Promotion," composed of twenty-one members, three from each Congressional district, selected by delegates of the several districts attending this convention. The duties of the Bureau of Promotion shall be: (1) Immediately organize and elect a President, Vice President, Secretary and Treasurer. The Treasurer shall give sufficient bond with security. (2) To determine the respective amounts each county and each railroad company shall subscribe, in order to make up the aggregate sum of \$100,000, in proportion to the taxable property of said county. (3) To formulate a guaranty bond to be given by responsible citizens of the several counties that such sum will be promptly met upon the call of the Board of Managers to be thereafter selected. (4) That no less than 10 per cent. of the guaranteed amount on behalf of each county shall be transmitted to the Bureau of Promotion not later than the 10th of June, 1891. (5) To notify said respective counties of this request and to suggest that an organization be at once perfected in each county called the County Columbian Exhibition Association. (6) To notify the said several counties through their Columbian organizations of the day and place and manner of electing the Board of Managers of the said Kansas Columbian Exposition Association.

**Proposition second**—That the Board of Managers of the Kansas Columbian Exposition Association shall consist of nine members; one from each Congressional district and two at large and shall be chosen at the city of Topeka on June 16, 1891, as follows: Each county and each railroad company shall have a vote for each \$100 subscribed and a vote for a fraction of \$100 above \$50, provided that the State Board of Agriculture shall have the right to cast sixteen votes in addition to the number herein provided for and a majority of all the votes cast shall be required to elect.

**Proposition third**—That the board so selected shall serve without pay and shall be paid only their actual expenses, and that they shall have full and complete charge of the Kansas exhibit at the World's Columbian Exposition, and all the powers necessary to build and equip the buildings therefor, and the appointment of necessary committees and agents.

**Proposition fourth**—That the Governor of the State of Kansas is hereby requested to commission the members of said board elected as hereinbefore stated.

**Proposition five**—The Board of Managers shall have power to fill vacancies in its membership.

**Proposition six**—That the Board of Managers are requested to make a full and complete report of their proceedings to the Governor of the State, and that the Governor cause the same to be published in the biennial report of the State Board of Agriculture.

**Proposition seven**—That the delegates from each county in this convention, together with the county officers and resident members of the Legislature, are hereby appointed as a committee to proceed at once to call meetings and perfect the county organizations in accord with the plans proposed by the Bureau of Promotion.

## BUREAU OF PROMOTION.

The Bureau of Promotion which is to take charge of the movement as provided for in the plan adopted by the convention was selected by the delegates present as follows:

First district—Captain Wm. Fortescue, Leavenworth; Joshua Wheeler, Nortonville; R. H. Crosby, Valley Falls.

Second district—C. F. Drake, Fort Scott; R. W. Hilliker, Kansas City; A. Henley, Douglas county.

Third district—C. M. Turner, Chautauqua county; L. M. Pickering, Cherokee county; E. H. Brown, Crawford county.

Fourth district—Levi Dumbauld, Lyon county; A. E. Case, H. C. Spear, Shawnee county.

Fifth district—Sidney G. Cook, Dickinson county; W. W. Caldwell, Cloud county; John K. Wright, Geary county.

Sixth district—A. B. Montgomery, Good-

land; J. W. Epperson, Burr Oak; James H. Reeder, Ellis county.

Seventh district—A. W. Smith, McPherson county; A. J. Abbott, Finney county; T. A. Hubbard, Sumner county.

## RESOLUTIONS ADOPTED.

George T. Fairchild, Chairman of the Committee on Resolutions, submitted the following report, which was adopted:

**Resolved**, That this convention, composed of delegates duly accredited from every part of the State and representing every professional, mechanical, agricultural and other industrial interests of the people thereof, unanimously agree that the State of Kansas should not fail to make a fitting exhibit of its resources and productions at the Columbian Exposition worthy of its resplendent past and suggestive of its golden future.

**Resolved**, That the people of Kansas, rejoicing at the magnificent prospects of a wheat crop that now is sure to yield 60,000,000 bushels; in the abundant promise of fruits and grains of every variety; in the recent great increase in the price of live stock and agricultural products, and in the multiplying evidences of great material prosperity visible in every section of the State, consider themselves able to discharge all of their obligations, and hereby declare their unswerving determination to preserve their individual and public credit, and to keep unscathed the good name and fair fame of the State. As evidence of this ability and will they will take pleasure in displaying to the world the variety and extent of her resources.

**Resolved**, That we recognize in the pre-eminence enjoyed by this State in the development of our country during the past thirty years an additional reason for energetic and patriotic exertion at this time to maintain, as on all previous occasions, our high repute among the sisterhood of States for thrift, intelligence and enterprise.

**Resolved**, That it is the sense of this convention that not only should the Kansas exhibit proper be thoroughly and distinctively Kansan, but that the buildings to be erected should be devised and built up by Kansans and of Kansas material.

**Resolved**, That we appreciate the hearty co-operation of the various labor organizations throughout our country in furthering the objects of the exposition and trust that they may receive generous recognition in the great undertaking.

**Resolved**, That the thanks of this convention are hereby tendered to the many noble women of the State who have sent us welcome messages of encouragement and commendation, and that we earnestly request their hearty co-operation and promise that ample provision shall be made for a representation of the products of their genius and skill.

**Resolved**, That we tender our sincere thanks to Hon. Benjamin Butterworth, Solicitor-General of the Exposition, for his interesting and eloquent presentation of its scope and importance, and that we pledge him, the representative of the Exposition Directory, that when the roll is called Kansas will not be found wanting.

**Resolved**, That a fair and equitable plan of permanent organization having been adopted, we confidently appeal to the earnest and patriotic people of the State, without regard to party or political affiliations, to give to it their enthusiastic support and to extend to it such financial aid as will make the exhibit worthy of a State whose marvelous development has been the wonder and admiration of the world.

**Resolved**, That we call upon the members of our State Legislature for immediate co-operation in the plans of this convention, and urge that measures be taken at the earliest possible moment to support them by liberal appropriations.

After adjournment of the convention, the members of the Bureau of Promotion held a meeting, and perfected a temporary organization, by electing Hon. A. W. Smith, of McPherson, President; R. W. Hilliker, of Kansas City, Kas., Vice President, and C. M. Turner, of Chautauqua county, Secretary. H. C. Spear, A. J. Abbott and A. W. Smith were appointed a sub-committee to formulate an address to the people of the State.

The bureau then adjourned to meet Thursday, April 30, for the purpose of forming a permanent organization.

Both houses of the Ohio Legislature have agreed to the conference committee report on the Australian ballot bill, and it has therefore become a law. The bill embodies all the essential features of the election law in force in Australia.

State Veterinarian Goling says that the reports that an epidemic had broken out among the cattle in different sections of the State was entirely without foundation. He has been in nearly every part of Kansas within the past three weeks, and says the cattle of this State were never in a finer condition, and so free from disease.

Reports from London show that the wheat crops of France and Russia are much below the average. The deficiency will be at least 20,000,000 quarters. The paper adds: It is expected that the cold winds and frosts have almost destroyed the French crops. Germany, Holland and Belgium all furnish pessimistic reports. In Roumania there is a decreased wheat area and in India there has been a bad wheat season. The only exception is Hungary, where there are better prospects, and it is almost certain that the world's wheat consumption will exceed the production computed. Whatever the magnitude of America's crop may be, it will not be sufficient to cover the European deficit, thus compelling an extensive draft upon the resources for the third year in succession.



**WHEAT PESTS.**

The unwelcome presence of the Hessian fly in various parts of the State has been a matter of much anxiety and comment for several weeks; and now it, or some other pest, is reported as doing much damage in central Kansas.

On Monday, the 27th inst., Secretary Mohler, of the State Board of Agriculture, received a letter from Russell county stating that a small greenish insect, not yet matured, had been found in the wheat and was undoubtedly the cause of the blight. Senator Hayes yesterday morning stated on the authority of the Sheriff of Rice county that some of the fields there were also turning yellow.

Secretary Mohler at once forwarded the letter to Chancellor Snow, of the State University, with the request that he make an examination of the wheat fields at his earliest possible convenience.

Grain dealers, who are ever on the alert, watching with an eagle's eye the condition of growing grain, received a good many reports on Monday of damage done by both Hessian flies and chinch bugs in the following counties: Dickinson, Brown, Ottawa, Cloud, Marlon, Pratt, Rice, Ellsworth, Barton, Reno and Sedgwick. Probably very little damage has been done yet. Some localities, however, report entire fields almost destroyed. The wheat plant is so rank in growth, however, that there is perhaps an even chance of the wheat growing faster than the flies can. Nevertheless, farmers are naturally feeling very anxious over the situation.

The KANSAS FARMER desires to keep its readers thoroughly informed, and trusts that its friends will keep us posted as to where and when these wheat pests make their appearance.

**CEREAL AND FRUIT OUTLOOK.**

The Signal Service Weather Crop Bulletin reports a fine prospect of one of the largest yields ever known. The week ending Saturday, April 25, was warm in all agricultural districts, except in the west Gulf States and on the Pacific coast, where about the normal temperature prevailed. In the central valley and generally throughout the Northern States, where the season is backward and where warm weather was most needed, the daily temperature for the week ranged from 6° to 12° above the normal for the week.

The region of excessive rainfalls during the week includes the entire country from the Mississippi river westward over the Rocky mountains, and from the Mississippi northeastward to Ohio and West Virginia. The heaviest rains occurred in Texas, where the total rainfall ranged from three to four inches, and as in the previous week, over an inch of rain fell over the greater portion of the territory lying between the Mississippi river and Rocky mountains. The rainfall for the season continues largely in excess from Texas north to the Dakotas, over which region almost double the usual rainfall has occurred.

The weather during the week has been the most favorable of the season through the fall and spring wheat regions. Wheat seeding is about completed in South and well advanced in North Dakota. Reports state that crop prospects could not be better. In Illinois and adjoining States reports show that the condition of crops is excellent; oats sowing is well advanced and plowing for corn in progress, although somewhat retarded during the early part of the week by rains. Generally throughout the States of the Mississippi and Ohio valleys, extending from the gulf to the lakes, the weather was especially favorable and vegetation developed rapidly and all crops were generally benefitted. The fruit prospects are unusually good throughout the central valleys and as far west as Colorado. Heavy rains in Texas caused some damage by overflow of low lands.

**Give the Farmer a Chance.**

In speaking of farm mortgages and the depression that is now afflicting agricultural interests, the *Inter-Ocean* shows good sound sense in saying that a good many farmers are in arrears now, and must be given time. Crops failed, and what little they did raise was sold before the rise in values. Given a good crop this year and present prices for grain, with cattle and hogs proportionately appreciated, and they will wipe out a good part of those arrearages. Ultimately every

cent will be paid or the foreclosure duly carried into effect.

The farmers resist snap judgments under cut-throat mortgages, precisely as real estate owners everywhere do. A few years after the great fire a good many real estate men in Chicago found themselves unable to pay the interest on the money they borrowed to rebuild the burnt district. They could not pay either their taxes or their interest. Some of them lost their property beyond all recovery, but in a good many instances foreclosures were stayed off by resort to all the devices of the law's delays, and when at last the sun of prosperity shone out clear and strong, they paid off all the accrued indebtedness and had their property without incumbrance. Every Western farmer who is prudent, industrious and honest, ought to be given substantially that sort of live-and-let-live chance. Stay laws and judicial proceedings of the same nature are far less radical in character than proceedings in bankruptcy. The farmer does not ask to be allowed to get rid of his debt by swearing to his inability to pay and his readiness to surrender all his property which can not be hidden away, but he simply pleads for time.

**THE FARMERS' DEPARTMENT OF THE GOVERNMENT.**

The following statement showing the appropriations for the United States Department of Agriculture for the fiscal years ending on the 30th of June, 1891 and 1892, respectively, is by the order of the Secretary of Agriculture furnished to the press. Secretary Rusk believes it to be the right and privilege of the people and especially of the farmers of this country to have laid before them in plain figures the particulars of the sums devoted from the national treasury to the Department of Agriculture. The fiscal years covered by the statement represent the appropriations for which the present administration is responsible. For purposes of comparison the totals for the two years preceding are also given. This is made the more necessary as garbled figures have been published, conveying an utterly wrong impression by the omission of the appropriations for experiment stations from the two previous years and their insertion in the appropriations made under Secretary Rusk's administration, and furthermore by the addition to these last of the \$900,000 for the Weather Bureau, which has not yet been transferred to the department, and the expenditures of which, when the transfer shall take place next July, will not be an addition to the expenses of the national government but merely the transfer of certain expenses from the accounts of one department to those of another. Inasmuch as members of Congress and members coming from agricultural States have not scrupled to resort to this form of misrepresentation, with a view apparently to create a prejudice against the expenditures of the national government on behalf of agriculture, justice to the farmers' interests demands that the facts in the case be widely known. For the benefit of those who desire to carry comparisons a little further the figures of the appropriations made for other departments of the national government are also appended to the statement herewith. It will be seen by such comparison that whatever the increase may have been in the annual appropriations for the Department of Agriculture, it would have had to be much greater to bring the department up to its proper place as an executive branch of the government, practically representative of nearly one-half the people of the country.

Under such circumstances Secretary Rusk feels it his duty to make public a full statement of the appropriations for agriculture through such journals as are especially representative of the farmers' interests or as may desire to use them in the interest of fair play to the farmer.

The items of appropriation for the Department of Agriculture consist of office of the Secretary, salaries; Division of Accounts and Disbursements, statistics, salaries; botany, salaries; entomology, salaries; ornithology and mammalogy, salaries; pomology, salaries; microscopy, salaries; vegetable pathology, salaries; Division of Chemistry, salaries, laboratory investigations, adulterations (food), sugar experiments; forestry, salaries; records and editing, salaries; illustrations and engraving, salaries; seeds, salaries; document and folding room, salaries; experimental garden and grounds, salaries;

museum, salaries; furniture cases and repairs; library; postage; contingent expenses; Bureau of Animal Industry, salaries and expenses; quarantine stations for neat cattle; Experiment station (Arlington estate); fiber investigation; irrigation investigations; printing appropriation. And to each of these divisions should be added the item, miscellaneous. [The term miscellaneous includes all expenses other than salaries, such as the cost of collecting material, traveling expenses, field force, and, in the case of scientific divisions, the cost of experiments in field and laboratory.]

	1890-91.	1891-92.
Total for Agricultural Department, as per last year's organization.....	\$1,154,100.00	\$1,345,400.00
Agricultural Experiment Stations.....	875,000.00	723,000.00*
		\$2,073,400.00
Weather Bureau (transferred to Department of Agriculture from War Department by act of Oct. 1, 1890), Salaries.....		182,330.00
Miscellaneous.....		24,558.00
General expenses..		672,865.50
Totals.....	\$1,829,100.00	\$2,953,153.50

**DEPARTMENT APPROPRIATIONS BY THE FIFTIETH CONGRESS.**

	1889-90.	1890-91.
Agricultural Department proper.....	\$1,190,826.14	\$1,079,770.00
Printing (by Public Printer).....	40,914.37	39,236.45
Total.....	1,161,740.51	1,119,006.45
Agricultural Experiment Stations.....	595,000.00	600,000.00
Total.....	\$1,756,740.51	\$1,719,006.45

Comparison of figures shows the total appropriation for the Department by the 50th Congress, leaving out the experiment stations, to have been.....\$2,280,745.98 And by the 51st Congress.....\$2,499,500.00 An increase since the Department became an executive branch of the government of.....\$218,754.04

**APPROPRIATIONS FOR OTHER DEPARTMENTS FOR THE CURRENT FISCAL YEAR.**

	1890-91.
State Department.....	1,878,670.49
Treasury Department.....	28,850,939.19
War Department.....	64,091,539.57
Navy Department.....	24,698,528.52
Interior Department.....	120,587,167.62
Postoffice Department.....	866,039.41
Department of Justice.....	4,380,963.70

\$48,000 of this is to cover claims of four new States and Territories. All but \$20,000 of the appropriation is a permanent gratuity to States and Territories, over which the Secretary has no control, the \$20,000 being the sum allowed to the Secretary of Agriculture to fulfill duties imposed upon the Department by the experiment station bill of 1887.

The KANSAS FARMER trusts that its readers will carefully study the foregoing facts and figures, and then see that their representatives in Congress do their duty in making the Department of Agriculture an equal branch of the government in fact as well as name.

**Nationalities of New Arrivals.**

Surprising changes in the nationalities of new arrivals in this country as compared with previous years is revealed by the statistics of immigration to the United States for 1890. While there has been a gain of 64,000 over the preceding year, the total number of immigrants being 491,000 nearly half of this gain came from Italy alone. More than 62,000 Italian immigrants arrived here during the year, a gain of 33,000, or more than 100 per cent., as compared with 1889. From Poland we received 20,000 immigrants, as against 5,000 in 1889, and other countries showing gains were Hungary, Russia, Austria and Bohemia, all showing gains from 5,000 to 9,000. The tide of immigration from Germany and the Scandinavian countries has remained practically unchanged in volume, while the countries which show a falling off are England, Ireland, Scotland, the Netherlands and Switzerland. The Germans still lead with a total of about 96,000, but for the first time in the history of the country the number of Italian immigrants exceed that of the Irish, thus placing Italy next to Germany as a source of increase to our cosmopolitan population. This showing is certainly far from gratifying, as the enormous increase in the arrivals from the worst and least desirable elements of European population presents an alarming aspect. There can be no doubt that the Italians are brought here in increasing numbers to supply the demand for a class of cheap labor, and in many cases to take the place of strikers with a view to placing American labor at a still greater disadvantage. The influx of the Slavonic nations on the other hand has been due to the political persecution of the Jews in those countries, and it may be said with truth that this constitutes the most objectionable element in the additions to our population. They supply the ranks of our anarchists and communists with most of their recruits, and there is much cause for uneasiness in the rapid growth of additions from those quarters.

**Book Notices.**

**NORTHMAN SOUTH.**—A Northern gentleman, who has spent many years in travel and life in our Southern States, very ably discusses the vexed "Race Problem" in this excellent little work. In it the attempt is made to outline, in a general way, the arguments of those who advocate the necessity of the colonization of the colored race, and the various ways and means suggested for the accomplishment of that object. The regular price of this pamphlet is 20 cents, but the KANSAS FARMER has made such arrangements as to be able to offer it at half price—10 cents.

**THE MAY ARENA.**—Which closes the third volume of this phenomenally brilliant and successful review, contains a remarkably fine picture of the Rev. Minot J. Savage, made from a recent photograph of the great living divine. In this issue Mr. Savage appears in a debate with Julian Hawthorne on the subject "Is Spiritualism Worth Investigating?" An admirable picture of Julian Hawthorne and one of Prof. Abram S. Isaacs, are also features of the *May Arena*. Probably the four papers which will attract most attention outside of the Hawthorne-Savage debate in this issue are those by C. Wood Davis on "The Wheat Supply of Europe and America;" Prof. Emil Blum on "Russia of To-day;" K. P. Powell's critical study of the political life of Thomas Jefferson and the editor's paper on "Is Socialism Desirable."

The State Agricultural college, at Manhattan, is an institution of which every citizen of Kansas may well feel proud, and one in which every one should take hearty interest. The students of this school are preparing to issue a 235-page book, a "College Symposium," as they term it, which will be filled with interesting matter concerning this seat of learning. They plan to devote a liberal amount of space to an authentic history of the college and each of its eighteen departments, an outline of the work of its various societies, with extracts from their papers, student orations, and sketches of all graduates. The book is to be illustrated with about twenty-five pages of superior cuts and is to be handsomely bound in cloth. Those who wish to secure copies of this unique publication can do so by sending \$1 to Mr. H. E. Moore, Manhattan, Kas., prior to May 15.

**THE RIDDLE OF THE SPHINX.**—This is the title of a most excellent work lately written by N. B. Ashby in the interest of the farmer, and published by the Industrial Publishing Co., of Chicago, Ill. The KANSAS FARMER is especially complimented in it by a fine, full page picture of its editor, Hon. W. A. Peffer, United States Senator. It will well repay any farmer for the time and money he will expend in its perusal. It is sold direct to the farmer at wholesale price, and not through agents or book stores. Write to publishers for price, etc. The following testimonial of its worth is from Prof. James Wilson, of Iowa State Agricultural college: "We have long felt the want of farm books written by Iowa men from the Western standpoint, treating everything pertaining to the farm. N. B. Ashby has given us all that deals with the farmer and his relations to the Federal and State government. He calls it 'The Riddle of the Sphinx.' He treats the railway problem, money, taxation, the land remedy, co-operation and organization. It will richly pay the reading. Ashby is a worker and investigator. The book is entertaining and instructive. Its chief merit to us is, the author looks at things from the Western farmer's standpoint. He is at his best when dealing with the disadvantages at which the producers work, quotes from many of the world's political economists to approve or condemn, and excites surprise that so young a man should handle this complex subject with so much ability."

**THOUGHT AND THRIFT.**—By Joshua Hill. This book is the outgrowth of the varied successes of the industrial world. It truly and ably advocates the rights and needs of the men who are feeding the world and supplying its comforts and conveniences, and urges them to united action. It rightfully claims that they should have and enjoy their just proportion of all the results of their labor. It is the laudable purpose of this valuable book to assist the impending reform movement by furnishing reliable information and certified official statistics, proving submitted statements. It ably opposes sectional and class legislation as against natural laws and the vital interests of the great, plain people. It opposes subsidies in every form, direct or indirect, open or covert, as having the ultimate effect of making the rich richer and the poor poorer. Among the table of contents we find such subjects as balance of trade and public credit, capital and labor, fathers of the republic and what they left us, foreign relations, finance, gold and silver, honest competition, internal revenue, immigration, interest accumulations, land syndicates, monopolies, money masks, objects of good government, political parties, profits and plunder, political economy, popular and political prejudices, questions of the hour, reform remedies, organizations, union is strength. The KANSAS FARMER Co. has just received a large invoice of this most excellent work, and notwithstanding the regular price is, in cloth binding, 75 cents, and in paper cover, 50 cents, propose to offer it at the remarkably low price of 50 and 30 cents. Any of our subscribers sending us three new names and \$3 will receive the cloth-bound, prepaid; or for two new subscribers and \$2, the paper cover, prepaid. Here is an opportunity to secure this valuable work almost free—only a little exertion.



## In the Dairy.

### BREEDING AND MANAGEMENT OF DAIRY COWS.

By J. C. Mayos, and read before the fourth annual meeting of the Kansas State Dairy Association, held at Topeka, January 15-16, 1891.

If you were to ask me to name my best friends in Kansas (in a bread and butter sense) I should answer dairy cows. Our State is especially adapted to their wants. We have a good soil, mild climate and pure water. A dairyman is always anxious about the water supply. It seems to me that if dairying can be made such a splendid success in a State as far north as Wisconsin, that here in the Southwest it should make rapid progress in the near future. I shall try briefly to point out a few of the conditions of success.

I start out with the proposition that dairying in Kansas will not be generally successful until we have cows better adapted to that purpose. In an experience of eleven years in the milk business, I have found the worst obstacle to success in inferior cows. This leads me to say that often business truths, like other truths, come to us slowly, and after much blundering we at last see clearly what before, to us, was dim and uncertain. For a long while I stumbled over the general-purpose cow; reasoning, I suppose, that if a general-purpose horse was valuable upon a farm, the same kind of cow would be equally good. I know that a dairyman ought not to spend a moment thinking of such a thing. It is doubtful, indeed, if such a cow exists, and yet the majority of Kansas farmers, who are dairymen, to a certain extent still cling to that idea. I doubt very much if there are a half dozen pure-bred sires of a dairy breed in my own county, and yet there are two creameries in operation, and three more along the borders of adjacent counties. Gentlemen, this association has missionary work to do in this direction. This truth must be persistently preached to the farmers of our State: that 50 per cent. of our dairy cows do not earn their board, and are too big a load for the other half to carry. Says a writer on this subject in *Hoard's Dairymen*: "What would we think of a boarding-house keeper who had twenty boarders, ten of whom paid their board, and the other ten never paid a cent, and yet the proprietor would keep them right along, year after year?" Such a business man would be likely to be depressed all the time. So we must have a thoroughbred sire of a dairy breed, and raise the calves from the best cows. I am not making war on the good native cows of the country. There are common cows that are hard to beat—rich, deep, persistent milkers; but such cows are very scarce, and seldom raise a calf as good as themselves. A lady sent her little girl out to find some eggs. The child returned with a sad face, and said: "Ma, I can't find one egg, and there are lots of hens standing around doing nothing." That is the trouble with too many of our cows. They are doing nothing three or four or five months in the year, and are kept at a loss to their owners.

I am a believer in liberal feeding. If the cow is a machine to produce milk, it will always pay to work the machine to its full capacity; and this cannot be done unless you supply the fuel in sufficient quantity and quality to keep steam up. I think a milkman has an extra good opportunity of noticing the effects of good care and feed. We know that if our herd of milkers are exposed to cold rains in the spring and fall they will shrink badly in their milk. We know that it pays to have warm stables and well-bedded, comfortable stalls. The language of cows is emphatic. They say to us, Mr. Milkman, if a cold snap comes on you must increase our grain feed, or you will be four or five gallons of milk short on your route. I am speaking now of good cows. It will not pay to increase the feed of inferior cows, only as it may hurry them along to the butcher's block. I also think that farmers and dairymen should, as far as possible, feed what they raise on the farm. In my neighborhood, corn and oats are the main feeding crops, and corn and oats ground together makes excellent feed for dairy cows. There are only a few years in which it will pay to haul and sell the grain grown on the farm, except wheat, and buy millstuffs and other feed. A little bran is a necessity, but the point I want to make is that we may pay out too much for feed, and it should be our

aim to raise an abundance and a variety of cow feed at home, not forgetting the corn fodder for summer droughts. Last winter I fed my milkers eight quarts of corn chop each per day and they did well on this ration. A field of rye is almost indispensable to a dairyman, and furnishes much more cheap feed than is generally supposed. In its season it will give more feed per acre than any grass that I have tried; and at a critical time, too—late fall and early spring. It was a general practice in my neighborhood the last fall to turn the cows on the wheat fields. It was thought in this way to remedy the damage done by the Hessian fly. Through November and December the cows pastured the rye and wheat and very little grain was needed. The cows enjoyed it greatly and milked almost as well as in June.

One thing I omitted in its proper place—it will help greatly to always keep a record of time of breeding. Without this we are at a great disadvantage. Suppose we have a winter dairy—by far the most profitable, in my judgment—and we find in the fall that certain cows are not paying their way and will not come in for four months. It will pay to sell those cows for whatever they will bring and buy fresh ones. Then again, some cows do not give much notice to calving, and we are liable some cold morning to find the hogs taking an early breakfast of veal or to find a frozen calf. It is "bad luck" to have this happen. Again, I think all cows should go dry at least six weeks, and if the time of calving is unknown some of them will milk until they come in, to the injury of both cow and calf. We cannot do better than to constantly keep before us this fact: that we need better cows and better care and feeding.

#### Test Each Cow.

It is very easy for dairymen to place too much reliance upon some one point which, though of great importance, will not of itself give success. Some make the mistake, says *The American Dairymen*, of supposing that the breed is the grand essential and that if they only had pure-bred stock they would have no further trouble. Others assert that the manner of feeding determines the results, and believe that any ordinary stock, if carefully fed, will be productive and profitable. Others, with much better grounds for their opinion, hold that with a good breed and a scientific method of feeding combined, success will be certain. But even the most plausible theories sometimes fail. It has been demonstrated time and again that some thoroughbred cows, even of the best breeds, are not good milkers; that some cows are much more productive under rich feeding than they are when only moderately fed, while others do not respond to high-keeping; and also, though less frequently, it has been proved that a good breed combined with the best known method of feeding will not be absolutely sure to give profitable returns. Experiments at the Massachusetts Experiment Station, conducted for five years, showed that while one cow yielded a profit of over \$93, another, which was fed in the same manner and for the same length of time, failed to pay the cost of her keeping. Other cows range at various points between these extremes. But the most noticeable fact in these results was that the poorest cow but one, and the one which gave the largest profit, were of the same breed. The only way for the dairyman to be certain that his cows are good is to give each one a careful test by itself. Neither breeding, feeding, nor both combined, will be sure to give the profit which the owner of the animals should receive. There are individual cows which in spite of all favorable conditions will remain unprofitable. They should be detected as quickly as possible and removed from the herds.

#### Make Haste!

There is no time to be lost when the kidneys and bladder neglect their duty. Renal disease advances with giant strides. Bright's disease and diabetes are dread foes to human life. Subdue them in their infancy with Hostetter's Stomach Bitters, the purest diuretic in existence. It conquers likewise malaria, constipation, dyspepsia and biliousness.

A fruit-grower who draped a plum tree with mosquito net to keep off the curculio, obtained twenty-two quarts of fine fruit. Another covered a single branch with equal success.

# The Stable Shelf

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Just as good for a man.

If not at your druggist's, send or circular.

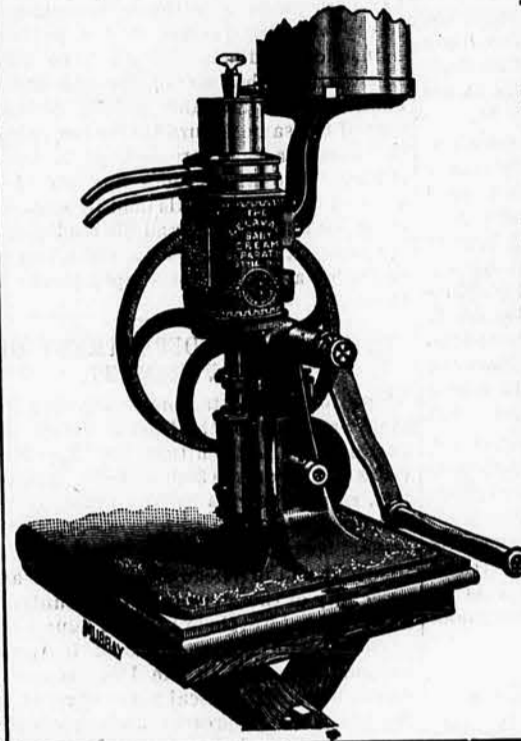
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Look out for counterfeits. There is but one genuine. Better cut the advertisement out and have it refer to.

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## DeLAVAL "Baby" Cream Separators

FOR FARM AND DAIRY USE.



Adaptation of the advantages of Centrifugal Separation to the means and requirements of the dairy farmer, thus insuring him all the value that may be in his milk, and the ability to utilize it as may be most practicable.

10 to 30 per cent. increase in yield over any other system in use, with Separator butter bringing the best prices on every market in the world—either fresh or kept.

Sweet cream of any desired consistency, and sweet skim-milk for household and feeding purposes—perfect cleanliness and purity.

Great saving of time, labor, ice and space. Machines very simple, durable, compact, easily cleaned and very easily operated. A profitable investment for from three to thirty cows.

Style No. 1 (capacity 150 lbs.) \$100  
Style No. 2 (capacity 300 lbs.) \$125  
SATISFACTION GUARANTEED.

Address for circulars and any desired particulars concerning either the "Baby" or the larger Hand and Power machines.

The DeLaval Separator Co.,  
GENERAL OFFICES  
74 Cortlandt St., New York.

## Horticulture.

### Best Varieties of Berries for Planting.

By J. C. Evans, President of the Missouri State Horticultural Society, and read before the Missouri Valley Horticultural Society, March 21, 1891.

This is a subject of great importance, not only to the commercial fruit-grower, but to every one who has a family and owns land, from a small town lot up to a large farm. Yes, every farmer should have a spot of his best land devoted to the various kinds of fruits, so arranged as to give a succession of fresh fruits for the longest possible season and enough to can, preserve and dry, so as to be able to have an abundance for every day in the year. This would greatly curtail the living expenses, reduce the doctor bills, and increase the happiness of the family.

It has been said that only the rich can enjoy the luxuries of life; but this, one of the greatest luxuries, is within the grasp of every one, rich or poor, who owns an acre of land and says, "I will have some fruit."

The last few years have developed so many new varieties of berries, each highly recommended and most of them possessing some merit, that in making up a list to plant we hesitate which to take; but the safest plan is to take only those that have been tried on our soils and under our treatment and have proven worthy.

If I were to plant but one strawberry for family use it would be the Jesse, because it has proved to be one of the best for me. My next would be Cumberland, for the same reason. Then I would add Warfield No. 2 and Bubach No. 5. The first two are staminate and are well suited to fertilize the latter two, which are pistillate. Then I would add of Coville just a few plants, to give a taste of strawberry a week before the others, earliness being its only merit. Now, for commercial growing, I would change this list by taking off the latter and adding Windsor. The list would then be, for family use, Jesse, Cumberland, Bubach No. 5, Warfield No. 2, Coville; for commercial purposes, Jesse, Cumberland, Bubach No. 5, Warfield No. 2, Windsor.

It should be stated here that the Jesse has not given good satisfaction everywhere. There is something about it we have not learned to understand. It has behaved as well for me as any berry I ever undertook to grow, but we hear numerous complaints that it does not bear well. It is difficult to make a list of many varieties of strawberries and have every one well

adapted to all soils, seasons and treatments; and after we have made the very best list we can, we are not sure of suiting every one.

**Raspberries.**—This list is quite short and easily made out, and after we have it made we are more sure it will suit all. For a blackcap, general all-purpose raspberry, I would plant Hopkins; and for a red one, Thwack has proved superior to any other.

**Blackberries.**—The Snyder, when planted on strong ground and well cut back, is perhaps the best one we have. Taylor requires about the same treatment, and is almost its equal; ripens a little later, making a good succession. Britton has done fairly well where it has been tried in the West. It ripens still later than Taylor, and keeps up the succession until late. For family or commercially the list will be—Snyder, Taylor and Britton.

To the above list I would add, for family use, a few gooseberries—Houton or Downing, and a few currants—Red Dutch and White Grape.

### Douglas County Fruit.

A prominent Douglas county fruit-grower says the peach crop will probably be limited simply because the orchards are limited, and owing to the severe winters another result of winter-killing of the trees, the stock is considerably abbreviated. This is unfortunate, but a natural result. It is only once or twice in a decade, as a rule, when even a half crop of peaches is secured in this locality, and that being the case, the fruit-growers have been in the habit of cutting out their winter-killed peach trees to give room for more hardy varieties of fruit. Berries are looking fine. Strawberries have taken the lead the past two years; more attention is being paid to their cultivation than other small fruits and a greater acreage is being put in. Blackberries have yielded well and the product has been superior, except on one or two occasions when the hot dry weather caught them while maturing, although the local market has not been so good for blackberries as for other berries. Raspberries are more easily affected by the extremes of the climate, and are apt to blast or decay on the vine, but when the crop is good the vines bear well, and there is a ready market for these fruits. Currants do well here, but few pay any attention to their cultivation. The better varieties, that is, the more delicately flavored varieties, are the less hardy and are not so apt to produce, while the fruit is more sensitive to the climatic changes and



extremes. Still, if the more hardy varieties of the currant were cultivated they would prove a valuable addition to the fruit farms of this locality, as they do not require so much attention, except as to their pruning, which is easily done, nor such rich soils. In fact they will do well in fence corners if kept pruned and spaded around the roots. Pears have proved to be a very expensive fruit to grow, and are even less satisfactory than peaches, still the more hardy varieties might be made profitable. Apples are the staple—always after the strawberry—and rarely fail of a prolific crop of good salable fruit. Apples are safe, and from indications there will be a full crop this year."

Mr. D. G. Watt, who was seen last Monday, said: "Many planted peach trees last year; not orchards, but to furnish a variety of fruits for home consumption. This was owing to the fact that the past two years peaches have done well. The Red Dutch currant is the only variety of currants which has proven a success—and they need a south exposure and protection from the cold winds."

### The Poultry Yard.

Keeping Poultry-Houses Clean.

EDITOR KANSAS FARMER:—So much has been said upon this subject that it has become a subject worn almost threadbare. And yet, go where you will, poultry houses seldom cleaned, and poultry houses never cleaned, you will see and hear of all about you. Either the spirit of progression has not yet reached all the corners and by-ways of our States, or there is a very great lack of interest and enterprise even to this day.

Not one poultry-house in a dozen knows a thorough cleaning twice a year in many localities, and the house that is cleaned every day, or three times a week, is an exception indeed. Many consider it a terrible and filthy task, whereas it is neither. No woman, no matter what her circumstances and position, need feel that she is lowering herself by keeping her poultry-house in a state of cleanliness and purity, any more than when cleaning her kitchen or parlor. If she can hire it done, or has some one to do the work for her, so much the better, from the fact of its saving her work. But if the fowls are dependent upon her own exertions for their care and comfort, she should never feel it beneath her dignity nor in the least degrading to carefully clean and air their rooms. They enjoy their clean, comfortable quarters as well as she enjoys a clean kitchen. But they are not capable of keeping it so themselves, so are naturally dependent upon their owner, as are all other species of the animal kingdom.

The roosts should always be so arranged that they can be lifted and fastened up out of the way. Then with a hoe and broom all droppings and refuse may be easily gathered into a pile and taken up on a dust-pan or shovel, kept at the hen house for that purpose. A wheelbarrow at the door is a very convenient accompaniment to the rest of the hen-house paraphernalia, for the "men folks" can then wheel the load to the garden, when they come in from the field (this is in the busy season; for in winter they will clean the house too) and dump it all where most needed. In lieu of the wheelbarrow, boxes or barrels may be kept in which to store it till some convenient season for hauling it out and distributing it.

In summer time, the house should be cleaned every morning as early as possible. In winter it is not actually necessary that this should be done every day, but the oftener the better, at all seasons. If attended to regularly the work is reduced to a minimum, taking not more than five or ten minutes; and it is such a pleasure to step into a clean, wholesome hen-house. The pleasure far outweighs the labor.

And don't forget the nests! Keep them fresh and clean also, for the biddies love a clean nest, and clean nests mean clean eggs and lots of them, for they will nearly all be found in the nest room, instead of being scattered promiscuously about the barns and sheds.

MRS. NELLIE HAWKS.  
Bertrand, Neb.

The best and surest dye to color the beard brown or black, as may be desired, is Buckingham's Dye for the Whiskers. It never falls.

For a Disordered Liver, try BEECHAM'S PILLS.



## Successful Farmers — ALL PUT ON — "Neponset" Waterproof Fabrics.

WHERE? On the ROOFS and SIDES of BARNs, SHEDS, POULTRY HOUSES, etc.

LOW COST.

It is WATER PROOF, AIR TIGHT. Clean to handle. Easy to put on. As durable as shingles.

WRITE us and we will send you FREE, samples and full particulars.

S. E. BARRETT MANUFACTURING CO., WHOLESALE AGENTS, CHICAGO, ILL.

F. W. BIRD & SON,  
SOLE MANUFACTURERS,

EAST WALPOLE, MASS. For Sale by Dealers.

### THE ELKHART CARRIAGE AND HARNESS MFG. CO.

No. 1, Farm Harness, \$24.50  
No. 2, Full Nickel Harness, \$10  
No. 3, \$40  
No. 53, \$110

For 18 Years have dealt direct with consumers, at wholesale prices, saving them the dealer's profit. We ship anywhere, with privilege of examining before buying. We pay freight charges both ways if not satisfactory. Warrant everything for two years. Any one who can write or order a Buggy or Harness from us, as well as pay \$10 to \$20 to some middle-man to order for them. We give no credit, and have

ONE PRICE ONLY  
Platform, 3-Spring or Combination Wagons, \$60; same as others sell at \$85.  
Top Buggies \$65; good as sold at \$90.  
Carts at \$100 fine as sell for \$135.  
Fine Road Cart—with dash—\$15.  
We take all risk of damage in shipping. Buggy free.

OUR HARNESS  
Are all No. 1 Oak Leather.  
Single, \$1 to \$20.  
Light Double, \$20 to \$40.  
64-page Illustrated Catalogue Free. Address W. B. PRATT, Secretary, ELKHART, IND.

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J. M. McCULLOUGH'S SONS  
CINCINNATI  
BULBS  
PLANTS  
134 and 136 Walnut Street  
Every-thing for Farm and Garden. Catalogues free.

### Dr. Cookerly.

Special Medical and Surgical Practice.  
Having for the past nine years had the most phenomenal and continued success in my practice, I feel it my duty to make the same known, as there are numerous patients who have failed to get relief from their medical advisers, that can be cured with the proper Medical and Surgical Remedies.  
The following are some of the troubles especially treated: Convulsions and the long-standing Diseases and Injuries of Children, Female Diseases, Ovariotomy or the removal of the Ovaries and Ovarian Tumors, Leucorrhoea, Subinvolution of the womb—that is where the womb does not regain its normal size after childbirth, and the many evils attending it. Impotence and the barriers to marriage, Sciatic Rheumatism, Inflammatory and Rheumatoid Arthritis, Private Diseases and the ills consequent upon them, as diseased bone, old sores, swelling, strictures, gleet, incontinence of urine, Dropsy—Laparotomy for the radical cure of dropsy and the diseases and wounds of the Abdominal organs, Chills, Winter Cough, Lock-jaw absolutely cured by surgical aid when due to disease or wounds of the feet. Chronic constipation, indigestion, rectile disease, and the nervous troubles generally. Consultation free. See or send for circular. Inclose 2-cent stamp for answer.  
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16½ E. 12th St., Kansas City, Mo.

For the treatment of all Chronic, Nervous and Special Diseases of Men and Women. We treat EYE, EAR, NOSE, HEART, etc.  
**OPIUM HABIT.**  
We have a sure, speedy and permanent cure for this most loathsome habit, and positively guarantee a cure in every case.  
Write and get my Descriptive Circular. First-class rooms for patients that wish to stop at the Hospital, at very reasonable rates.

### CANCER

POSITIVELY AND PERMANENTLY CURED.  
No Knife Used  
A cure assured, with three to eight weeks treatment. Write for testimonials and information, or come and be examined by our Medical Director, M. S. Boehle.  
THE WICHITA REMEDY COMPANY,  
WICHITA, KANSAS.

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I have a positive remedy for the above disease; by its use thousands of cases of the worst kind and of long standing have been cured. Indeed so strong is my faith in its efficacy, that I will send TWO BOTTLES FREE, with a VALUABLE TREATISE on this disease to any sufferer who will send me their Express and P.O. address.  
T. A. Slocum, M. C., 181 Pearl St., N. Y.

Dr. GREGG'S ELECTRIC BELTS  
And Appliances.  
Send 4c. stamps and statement of your case, and receive careful particulars and testimonials of persons cured. Guaranteed Genuine Standard Goods. Dr. Gregg's celebrated Electric FOOT WARMER \$1.00 per pair. Plain Electric Belts as low as \$3.00. Any exhaustive, weakening, crippling, painful, nervous, chronic disease permanently cured.  
HOME TREATMENT ELECTRIC CO., 191 Wabash-av., CHICAGO, U.S.A.

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WORTH A GUINEA A BOX.

For BILIOUS & NERVOUS DISORDERS SUCH AS  
Sick Headache, Weak Stomach, Impaired Digestion, Constipation, Disordered Liver, etc.,  
ACTING LIKE MAGIC on the vital organs, strengthening the muscular system, and arousing with the rosebud of health The Whole Physical Energy of the Human Frame.  
Beecham's Pills, taken as directed, will quickly RESTORE FEMALES to complete health.  
SOLD BY ALL DRUGGISTS.  
Price, 25 cents per Box.  
Prepared only by THOS. BEECHAM, St. Helens, Lancashire, England.  
B. F. ALLEN CO., Sole Agents for United States, 363 & 367 Canal St., New York, who (if your druggist does not keep them) will mail Beecham's Pills on receipt of price—but inquire first. (Mention this paper.)

### STEKETEE'S

### IMPROVED HOG CHOLERA CURE

Greatest Discovery Known for the cure of  
**HOG CHOLERA** and  
**PIN-WORMS IN HORSES!**

HUNDREDS OF THEM.  
BOSWELL, IND., October 13, 1890.  
Mr. G. G. Stekete:—Your Hog Cholera Cure, of which I fed two boxes to a yearling colt, brought hundreds of pin-worms and smaller red ones from her. She is doing splendidly. We believe it to be a good medicine. WILLIS ROBISON.  
Never was known to fail; the only sure remedy for worms in Hogs, Horses, Sheep, Dogs or Fowls. Every package warranted if used as per directions. Price, 50c. per package, 60c. by mail, 3 packages \$1.50 by express, prepaid. If your druggist has not got it send direct to the proprietor, GEO. G. STEKETEE, Grand Rapids, Mich.  
I Challenge all Other Hog Cholera Remedies. Always mention KANSAS FARMER.

Chichester's English Diamond Brand.  
**PENNYROYAL PILLS**  
Original and Only Genuine.  
Safe, always reliable. LADIES ask Druggist for Chichester's English Diamond Brand in Red and Gold metallic boxes, sealed with blue ribbon. Take no other. Beware dangerous substitutions and imitations. At Druggists, or send 4c. in stamps for particulars, testimonials and "Relief for Ladies," in letter, by return Mail 10,000 Testimonials. Name Paper, Chichester Chemical Co., Madison Square, Philadelphia, Pa.  
Sold by all Local Druggists.

LANGSHAN GROVE POULTRY & FRUIT FARM  
Topeka, Kas. 50,000 strawberry plants now ready. Ten best varieties. Prices low. DeWitt Q. Diven.

CECIL'S NURSERY AND FRUIT FARM.  
Get my prices on WARFIELD and MICHAEL'S EARLY Strawberry Plants. Also general assortment of Fruit Trees, Roses, Evergreens, etc.  
Address J. F. CECIL, North Topeka, Kas.

CHRYSAANTHEMUMS (80 varieties) AND ROSES (40 varieties) EXCLUSIVELY, at the very lowest prices. Send for price list, giving culture directions, to  
W. L. BATES, Topeka, Kas.

### Alfalfa Seed

For sale. Car lots or less.  
Also JERUSALEM CORN for sale.  
R.J. Mefford, Seedsman, Garden City, Kas.  
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The Largest and Nicest stock in the West of all kinds of FRUIT TREES, GRAPE VINES, Forest Seedlings and SMALL FRUITS. Write for our New Price List and our pamphlet on "Cost and Profit."  
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Mention this paper. Fort Scott, Kansas.

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50,000,000 trees for spring trade. No agents employed. All trees sold direct from the Nurseries. Send for our catalogue, mention this paper, and you will receive by return mail a valuable work, (How to Grow Evergreens), and a coupon good for 50 cents worth of Trees FREE.  
Our Evergreen and Forest Trees are all grown from seed on our own grounds. Prices lower than the lowest. We send them by Mail and Express, prepaid. Address  
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The Veterinarian.

We cordially invite our readers to consult us whenever they desire any information in regard to sick or lame animals, and thus assist us in making this department one of the interesting features of the KANSAS FARMER. Give age, color and sex of animal, stating symptoms accurately, of how long standing, and what treatment, if any, has been resorted to. All replies through this column are free. Sometimes parties write us requesting a reply by mail, and then it ceases to be a public benefit. Such requests must be accompanied by a fee of one dollar. In order to receive a prompt reply, all letters for this department should be addressed direct to our Veterinary Editor, DR. S. C. ORR, Manhattan, Kas.

**SCIRRHUS CORD.**—I have a colt that was castrated two months ago, and there is a large bunch on the end of the cord and it does not heal. Can you tell me what to do for it?  
J. T. H.  
Wakefield, Kas.

**Answer.**—The growth on the end of the cord is what is known as scirrhous cord, and it will require an operation by a competent surgeon before it will heal.

**BUNCH ON CALF.**—I have a heifer calf, two months old, that has a lump on the upper jaw just below the eye. It appeared when the calf was three weeks old. It is about the size of a small egg and is hard to the touch, but does not seem to be painful. Will you tell me how to treat it?  
Seward, Kas. T. A. M.

**Answer.**—You should have said whether the lump is of bone formation or not. If it is of bone, rub in for ten minutes a blister made of one part biniodida of mercury to six parts lard; but if it is of a fleshy or fibrous nature it may only be a sub-cutaneous wart and can be dissected out. If you will write again and describe it more fully, we will be glad to give you any information that we can.

STATE OF OHIO, CITY OF TOLEDO, ss.  
LUCAS COUNTY.

FRANK J. CHENEY makes oath that he is the senior partner of the firm of F. J. CHENEY & Co., doing business in the city of Toledo, county and State aforesaid and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of CATARRH that cannot be cured by the use of HALL'S CATARRH CURE.  
FRANK J. CHENEY.

Sworn to before me and subscribed in my presence, this 6th day of December, A. D. 1886.

[SEAL.] A. W. GLEASON, Notary Public.

Hall's Catarrh Cure is taken internally and acts directly on the blood and mucous surfaces of the system. Send for testimonials, free.

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Sold by Druggists, 75 cents.

Worms in Hogs and Horses.

One more recommend for Steketee's Hog Cholera Cure:

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MR. STEKETEE:—Last fall I gave your Hog Cholera Cure a thorough test for Worms in Hogs and Horses, and must say it did its work perfect. We think it is the best powders for worms we ever used.

S. A. KIERSEY.

No farmer should be without a package in his barn, for your animals may come down with sickness. The price is 50 cents at the stores or 60 cents by mail.

Address G. G. STEKETEE, Grand Rapids, Mich.

On receipt of 2-cent stamp to pay postage, the beautiful Wabash calendar will be mailed to you.

H. N. GARLAND, W. P. A., N. W. Cor. Ninth and Delaware streets, Kansas City, Mo.

**HORSE OWNERS! TRY GOMBAULT'S CAUSTIC BALSAM**

A SAFE, SPEEDY AND POSITIVE CURE for Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind Puffs, Skin Diseases, Thrush, Diphtheria, all Lameness from Spavin, Ringbone or other Bony Tumors. Removes all Bunches or Blemishes from Horses and Cattle.

SUPERSEDES ALL CAUTERY OR FIRING. IMPOSSIBLE TO PRODUCE SCAR OR BLEMISH. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars. THE LAWRENCE, WILLIAMS CO. Cleveland, O.

MARKET REPORTS.

LIVE STOCK MARKETS.

Kansas City. April 27, 1891.

**CATTLE**—Receipts 1,873. Quality common to fair; heavy cattle dull; market closed weak. Shipping steers, \$4 50a5 50; meal-fed Texas, \$4 50; cows, \$2 50a4 50; bulls, \$2 40a3 90; heifers, \$3 15a4 35.

**HOGS**—Receipts 3,783. Demand light. Range of packers' hogs, \$4 35a4 85; bulk of sales, \$4 50a4 70.

**SHEEP**—Receipts 673; supply too small for a market. Clipped, 70c; \$4 60.

**HORSES AND MULES**—Some demand for good Southern horses, but little else moving. Several buyers in, but they wanted good horses, drivers, streeters and saddlers, and there were but few in Mules dull throughout, and no sale for plugs. We note the sale of 6 fair drivers at \$100a115; 7 fair to good Southern horses at \$65a90; 3 good drivers at \$125a137.50; 2 fair saddlers at \$110, and 1 good driver at \$135.

Chicago. April 27, 1891.

**CATTLE**—Receipts 13,000. Prime to fancy steers, \$5 80a6 00; common to good steers, \$4 25a 5 75; cows and bulls, \$2 00a5 00; Texans, \$3 95a 4 15.

**HOGS**—Receipts 28,000. Rough and common, \$4 00a4 40; packers and mixed, \$4 75a4 85; prime heavy and butchers' weights, \$4 90a5 10.

**SHEEP**—Receipts 10,000. Natives, \$5 00a5 50; Westerns, \$5 50a6 10; lambs, \$6 20a7 15.

St. Louis. April 27, 1891.

**CATTLE**—Receipts 1,348. Good to fancy native steers, \$5 00a6 00; fair to good natives, \$4 10a5 50; Texas and Indian steers, \$3 60a5 30.

**HOGS**—Receipts 3,700. Fair to choice heavy, \$4 80a5 00; mixed grades, \$4 30a4 85; light, fair to best, \$4 60a4 75.

**SHEEP**—Receipts 1,000. Good to choice, \$4 60a5 80.

GRAIN AND PRODUCE MARKETS.

Kansas City. April 27, 1891.

**WHEAT**—Receipts for 48 hours 59,000 bushels. Hard was in very good demand at quotations, but it was generally agreed that red was dull. By sample on track: No. 2 hard, \$1. No. 3 hard, 90c; No. 2 red, \$1 03, and No. 3 red, \$1.

**CORN**—Receipts for 48 hours 98,000 bushels. By sample on track: No. 2 mixed, 65c; No. 3 mixed, 64c, and No. 2 white mixed, 70c.

**OATS**—Receipts for 48 hours 25,000 bushels. By sample on track: No. 2 mixed, 52 1/2c; No. 2 white mixed, 54 1/2c.

**RYE**—Receipts for past 48 hours, — bushels. By sample on track: No. 2, 75c, and No. 3, 70c.

**FLAXSEED**—Quiet at unchanged prices. We quote crushing at \$1 15a1 16 per bushel upon the basis of pure; sowing at \$1 50 per bushel; sacks, 10a20c.

**CASTOR BEANS**—Market dull, prices nominal. We quote crushing, in car lots, at \$1 30 per bushel upon the basis of pure, and small lots 10c per bushel less; sowing, \$3 per bushel.

**HAY**—Receipts for the past 48 hours 180 tons, and shipments 100 tons. Market slow but steady. We quote: Prairie fancy, \$17 00; good to choice, \$15 50a16 00; prime, \$13 00a13 50; common, \$10 50a11 50. Timothy, good to choice, \$16 50.

Chicago. April 27, 1891.

**WHEAT**—Receipts 27,000 bushels, shipments 399,000 bushels. No. 2 spring, \$1 09 1/2; No. 3 spring, \$1 03 1/2a1 06; No. 2 red, \$1 10 1/2a1 12 1/2.

**CORN**—Receipts 131,000 bushels, shipments 94,000 bushels. No. 2, 66 1/2c.

**OATS**—Receipts 284,000 bushels, shipments 143,000 bushels. No. 2, 50 1/2c; No. 2 white, 50 1/2a 51c; No. 3 white, 49 1/2a50c.

**RYE**—Receipts 6,000 bushels, shipments 1,000 bushels. No. 2, 84c.

**BARLEY**—Receipts 21,000 bushels, shipments 7,000 bushels. No. 2, nominal; No. 3, 74a79c; No. 4, 71a73c.

St. Louis. April 27, 1891.

**WHEAT**—Receipts 38,000 bushels, shipments 6,000 bushels. Market opened excited, closing higher. No. 2 red, cash, \$1 06 1/2a1 08; May, \$1 07 1/2a1 09.

**CORN**—Receipts 163,000 bushels, shipments 133,000 bushels. Market opened lower, closed easier. No. 2 cash, 64 1/2a64 3/4c; May, 63 1/2a63 3/4c.

**OATS**—Receipts 48,000 bushels, shipments 16,000 bushels. Market lower. No. 2 cash, 55c.

**RYE**—Receipts 2,000 bushels, no shipments. Market quiet. No. 2, 86c.

**HAY**—Steady. Choice to fancy prairie, \$13 00; choice to fancy timothy, \$15 00a19 00.

**FLAXSEED**—Steady at \$1 19

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F. C. TAYLOR & CO.,  
COMMISSION WOOL MERCHANTS.  
ST. LOUIS, MISSOURI.

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REFERENCES:—St. Louis National Bank; Exchange National, El Dorado, Kas.; Geo. W. Brown, Banker, Augusta, Kas., and Woodson National Bank, Yates Center, Kas.

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SAM. LAZARUS, Vice President.  
PAUL PHILLIPS, Treasurer.  
J. W. T. GRAY, Secretary.

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THE STRAY LIST.

FOR WEEK ENDING APRIL 15, 1891.

Gove county—D. A. Borah, clerk. MARE—Taken up by Jno. DeBoer, P. O. Grinnell, March 21, 1891, one dark bay mare, five feet high, white spot in forehead, silver mane and dark tail, right hind foot white, little white on left hind foot; valued at \$35.

Cherokee county—J. C. Atkinson, clerk. COLT—Taken up by Wm M. McMullen, in Crawford tp., March 27, 1891, one mare colt, 1 year old, bay, black mane and tail, star in face, hind feet white; valued at \$18.

CULT—By same, one sorrel horse colt, flaxen tail, blaze in face; valued at \$12.

FOR WEEK ENDING APRIL 29, 1891.

Lyon county—C. W. Wilhite, clerk.

HORSE—Taken up by S. Martin, in Reading tp., April 4, 1891, one brown or bay horse, 4 years old, no marks or brands; valued at \$50.

Marshall county—James Montgomery, clk.

HORSE—Taken up by Sidney Walter, in Marysville tp., March 26, 1891, one dark brown horse, 6 or 7 years old, one hind foot white; valued at \$55.

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3 to 15 H. P. on base plate or mounted on four-wheel truck, suited for all kinds of work. We also manufacture Separators, Sweep Powers, 1, 2 & 3 horse tread powers with governor, either level or irregular tread, hand and power Corn Shellers, hand and power Feed Cutters with or without crusher, Feed Mills, Steel Land Rollers, Chilled Plows all sizes, Steel Cultivators, Empire Mowers, Hay Blades, Wood Saws, &c.  
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ER has more square feet of heating surface than any other boiler of the same capacity. It will hold 83 gallons and has 84 square feet heating surface. Made of steel boiler plate, no cast iron, flange steel heads and lap-weld charcoal boiler tubes.  
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ENGINES  
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Engines, Threshers, Horse-Powers, Independent Stackers and Automatic Hand-Cutter and Feeder. You can't afford to have your grain threshed by any other if the **ADVANCE** can be had. Write **ADVANCE THRESHER CO.**, Battle Creek, Mich., for 1891 catalogue, or A. W. GRAY, Manager, (Branch House), 1205 W. 12th St., Kansas City, Mo. Mention this paper.


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and who blames them after their neighbor's cow has passed the night on their lawn? If one of **"HARTMAN'S" STEEL PICKET FENCES** had protected their premises it wouldn't have happened.  
  
We sell more Lawn Fencing than all other manufacturers combined because it is the **HANDSOMEST and BEST FENCE** made, and **CHEAPER THAN WOOD.**  
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IT WILL CULTIVATE CORN & COTTON to a Height of **THREE FEET**  
Throwing the Soil to or from the Plant.  
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We guarantee our eight foot mill to do the work of any ordinary ten foot mill in half the weight, costs you half the freight, and a much less expensive tower to carry it; has no crank or wrist pin, with their leverage to act against the wheel. No pitman. No dead center.  
Will Run a Pump in a Lighter Wind Than Any Other Wind Mill On Earth.  
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See what we have to interest you before making contracts for any old time windmills.  
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**HAMILTON Hay Rakes**  
MADE TO RAKE 8, 10 AND 12 FEET.  
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With STEEL or WOOD WHEELS.  
IMPROVED VIBRATING and OVERHANGING CLEANER  
FOR ONE or TWO HORSES ARE UNSURPASSED.  
The Easiest Hand-Dump Rake made. Send for prices, etc. to  
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SEND FOR SPECIAL CIRCULAR  
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**DEERING JUNIOR STEEL BINDERS**  
  
ARE WORTH DOLLAR FOR DOLLAR WHEN OTHERS ARE WORN OUT.  
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All sorts of building material. Special attention paid to orders from Alliance dealers. Write for information. Correspondence solicited and estimates promptly furnished on all bills. Write me before buying.



BREEDERS' DIRECTORY.

(Continued from page 1.)

POULTRY.

SHAWNEE POULTRY YARDS—Jno. G. Hewitt, Prop'r, Topeka, Kas., breeder of leading varieties of Poultry, Pigeons and Rabbits. Wyandottes and P. Cochins a specialty. Eggs and fowls for sale.

DUREKA POULTRY YARDS—L. E. Pixley, Emporia, Kas., breeder of Wyandottes, B. B. Games, P. Rocks, B. and W. Leghorns, Buff Cochins and Pekin Ducks. Eggs and birds in season. Write for what you want.

E. E. FLORA, Wellington, Kas.—Nine first 10 sec. and 3 third, 2 fourth premiums at S. K. Poultry Show, December, 1890. Twenty-four birds scoring 80 to 85 1/2 points. C. A. Emory judge. Eggs from Barred P. Rocks, S. C. B. and White Leghorns, S. S. Hamburgs, Light Brahmas, P. Cochins, B. Langshans and B. B. Game Bantams, per sitting \$2 per 12, \$2.50 per 25. M. B. Turkey eggs 20 cents each; Pekin Duck 10 cents each; Hong Kong Geese eggs all engaged.

MISCELLANEOUS.

WE HANDLE—Hides, dressed lambs, hogs and calves, butter, eggs and poultry. C. E. Maguire, Wholesale Commission, 427 Walnut street, Kansas City, Mo.

LIVE STOCK AND CITY AUCTIONEER.—Capt. L. A. J. Hungate, corner Sixth and Jackson streets, Topeka. Has forty years experience, and will make public sales anywhere in Kansas. Call at office or write.

ROSE-LAWN KENNELS AND POULTRY YARDS.—F. H. Vesper & Sons, Topeka, Kas., breeders of thoroughbred St. Bernard dogs. Puppies for sale; B. C. Brown Leghorn, B. P. Rock, Light Brahma and Game chickens. Stock and eggs for sale in season. Send stamp for circular.

D. S. C. ORR, VETERINARY SURGEON AND DENTIST—Graduate Ontario Veterinary College, Canada. Veterinary Editor KANSAS FARMER. All diseases of domestic animals treated. Ridding castration and cattle spaying done by best approved methods. Will attend calls to any distance. Office: Manhattan, Kas.

S. A. SAWYER, FINE STOCK AUCTIONEER, Manhattan, Riley Co., Kas. Have thirteen different sets of stud books and herd books of cattle and hogs. Compile catalogues. Retained by the City Stock Yards Commission Co., Denver, Colo., to make all their large combination sales of horses and cattle. Have sold for nearly every importer and noted breeder of cattle in America. Auction sales of fine horses a specialty. Large acquaintance in California, New Mexico, Texas and Wyoming Territory, where I have made numerous public sales.

TWO-CENT COLUMN.

"For Sale," "Wanted," "For Exchange," and small advertisements for short time, will be charged two cents per word for each insertion. Initials or a number counted as one word. Cash with the order. Special.—All orders received for this column from subscribers, for a limited time, will be accepted at one-half the above rates—cash with the order. It will pay you! Try it!

FOR SALE—The Holstein-Friesian bull Nortonville Prince. This bull has for sire and grandsire the two famous bulls, Prince Imperial and Netherland Prince, two of the most noted sires in the world, and individually he is every way worthy of his noted ancestry. I will also sell ten two-year-old grade heifers and any number of thoroughbred cows and heifers up to a carload. Also Poland-China pigs. M. S. Babcock, Nortonville, Kas.

BEEES FOR SALE—Address J. B. Kline, Secretary Chicago Bee-Keepers' Supply Co., Topeka, Kas.

ST. BERNARD PUP.—A rare opportunity to secure one of the best of these renowned, intelligent dogs. She is a perfect beauty and 11 months old. Her offspring will readily sell at from \$20 to \$50 per head at weaning. Address "St. Bernard," KANSAS FARMER office, Topeka, Kas.

POTATO-PLANTING ATTACHMENT—For corn planter, \$2. Good and rapid work guaranteed. B. M. Shaw, Galesburg, Kas.

FRED GLAUER, Beloit, Kas., breeder Poland-China hogs. Fine poultry a specialty. Buff Cochins, Dark Brahmas, S. S. Hamburgs, Brown and White Leghorns, Dominiques, Plymouth Rocks and Bantams. Eggs \$1 per 12, 25 for \$2.

MUST BE SOLD—Six Poland-China boar pigs, 150 to 200 pounds, \$10 each. First money takes first choice. C. M. T. Hulet, Edgerton, Kas.

DOUGLAS COUNTY NURSERY.—We have on hand yet plenty of grape vines for sale. We will sell second and third grade apple trees of leading varieties, such as Ben Davis, Winesap, Missouri Pippin, Smith Cider, Geniton and other winter varieties, with fall and summer varieties, branched and well rooted, 3/4 to 4 1/2 feet high, for \$4.00 for second and \$5.50 for third in size per 100. Wm. Flasket & Son, Lawrence, Kas.

FOUR STALLIONS FOR SALE—An imported Norman stallion, a 2-year-old Percheron, a Coacher, a cross-bred (Cleveland Bay and Clyde). They are guaranteed sound. Will sell at one-half the prices dealers ask for horses of same class. Will trade for brood mares. Sam Scott, Box 227, Topeka.

THE KANSAS STATE AGRICULTURAL COLLEGE offers to sell reasonably cheap some very superior Short-horn and Jersey cows and heifers. Also two Aberdeen-Angus heifers. Call and see them. For information address Professor Georgeson, Manhattan, Kas.

FOR SALE—Eighty acres of land, seven miles west of Great Bend, for cash, or trade for Missouri property. Good improvements; all under fence. Write for further particulars to T. T. Lyons, Great Bend, Kas.

BEE-HIVES, VERY CHEAP.—Circular free. Emerson Abbott, St. Joe, Mo.

MODELS—For patents and experimental machinery. Also brass castings. Joseph Gerdon & Sons, 1012 Kansas Ave., Topeka, Kas.

FOR SALE OR EXCHANGE—Cory's Tip-Top 8771, a grand Poland-China sire, 5 years old, fine condition, sure sire. Will sell reasonable or exchange for different blood. Address F. L. Watkins, Harper, Kas.

LADIES, TAKE NOTICE.—I have a preparation for removing superfluous hair off moles from the face and neck. Can remove in five minutes the worst case, without injury to the finest skin. Call and give it a trial, as it costs nothing to see. Call on or address Mrs. S., 818 Quincy St., Topeka, Kas.

A WELL IMPROVED FARM—120 acres and twenty-five cow milk route for sale or exchange for good farm. R. B. Mitchell, Florence, Kas.

FOR SALE—A thoroughbred registered Jersey bull, eighteen months old, Alpha and Swiveller strain. Cheap. F. H. Vesper, Topeka, Kas.



TWO-CENT COLUMN—(Continued.)

I WILL SELL EGGS—From fowls that are well-bred, from some of the best strains in the country, at \$1 per setting; Light Brahmas and Wyandottes. F. H. Larrabee, Hutchinson, Kas.

MUST BE SOLD—To satisfy a chattel mortgage, twenty-one head of registered Holstein cows, heifers and bulls, from the well-known Murray Hill herd of Holstein cattle. Bountifully low prices quoted on application and time given on approved notes. Address Hansen & Bathbone, Agents, Council Grove, Kas.

\$2,000 will buy farm of 800 acres. Other farms cheaper. Leake & Co., Glen Allen, Va.

FOR SALE CHEAP—Two Percheron stallions, bred from imported stock. J. C. Dwyer, Cedar Point, Kas.

FARMS FOR SALE—In Albemarle Co., Virginia. Winters mild and short, health fine, land good, prices cheap, taxes low. Free from floods, cyclones, grasshoppers, etc. Write to L. D. Aylett & Co., Charlottesville, Va.

THOROUGHbred HOLSTEIN-FRIESIAN BULL to sell or exchange for stock. W. A. Travis & Son, North Topeka, Kas.

PERSONS—Against whom mortgage foreclosure has been instituted should write to W. F. Rightmire, Topeka, Kas., if they wish to save their homes.

O, SAY! I have the new Strawberry Edgar Queen, the best and largest of all others. Also the Great Pacific, Michel and Robinson—with 20,000 Cuthbert Raspberry plants, all on new beds. Plants \$3 and upward per 1,000. B. F. SMITH, Box 6, Lawrence, Kas.

ECLIPSE SEED HOUSE.—O. E. Hubbard, 230 Kansas Ave., Topeka, Kas. Special terms to Alliance. Egg cases and berry boxes.

H. H. HAGUE, Newton, Kas., breeder of fifteen H. breeds of high-class poultry. Eggs for sale cheap till June 1. Write for particulars. No stock for sale now.

Jerusalem Corn, Alfalfa and Cane Seeds. Address MORRIS & KENNISON, Garden City, Kas.

FOR SALE—Extra fine three-quarter bred bay Percheron stallion, 2 years old. Price very low. Or will sell full blood black imported Percheron stallion. Address Geo. M. Truesdale, Junction City, Kas.

1,000,000 WANTS SUPPLIED.—If you want to buy, sell or exchange real or personal property, of any kind; or want information upon any subject, enclose stamp to National Want and Supply Bureau, 417 Kansas Ave., Topeka, Kas.

BERKSHIRES.—Special bargains on some strictly first-class boars ready for service. Also two bred sows. Pekin duck eggs from the best birds in the State. Write. H. B. Cowles, Topeka, Kas.

500,000 SWEET POTATO PLANTS FOR sale at bed-rock prices for May and June. Write to H. H. Pixley, Wamego, Kas.

FOR SALE OR EXCHANGE. 100 FARMS in the best counties of Northwest Kansas. No better soil, water and climate on earth. Address ISAAC MULHOLLAND, COLBY (or HOXB), Kas.

PEPPER'S TARIFF MANUAL.—For sale to our subscribers for 15 cents in 1 or 2-cent stamps until the stock is closed out. Address Kansas Farmer office.

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When in the market for cheap goods in TINWARE, CHINA and GLASSWARE and all kinds of Housekeeping Goods, before making your purchases call at 423 KANSAS AVE., TOPEKA, and get prices. We will be glad to see you and show you our goods and prices, and if we can't sell you it will not be because our goods are not cheap. Come and see for yourselves at the FIVE-CENT-STORE.

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ROSE LAWN FRUIT FARM. All kinds of small fruit plants. Strawberries our specialty. Prices low. Write for Descriptive Price List. DIXON & SON, Netawaka, Jackson Co., Kas.

For Sale. ERIE BUTTER & CHEESE CORPORATION (Incorporated 1889), manufacturers of separated creamery butter and full cream cheese, Erie, Kansas. We desire to sell premises of above corporation to highest bidder, April 12, 1891. For particulars address H. W. CURRICH, Secretary, Erie, Kas.

PURE TRUMBULL, STREAN & ALLEN SEED CO. SEEDS

Grass, Field, Garden and Tree Seeds, Onion Sets, Etc. Mailed Free. Send for Catalogue. 1428-1428 St. Louis Ave., KANSAS CITY, MO.

PUBLIC SALE!

Cruickshank and Cruickshank-topped Short-horns At the Casey barn, near the Union depot, St. Joseph, Mo., Tuesday, May 19th, 1891.

The sale includes FORTY HEAD, eighteen bulls and twenty-two cows and heifers of popular families, such as Waterloo, Mazurka, Young Mary, Young Phyllis, Rosemary, Desdemona, Cowslip, etc. B. O. COWAN, NEW POINT, MO. or JOHN MCOY, SABBETHA, KAS.

Stock Breeders, Attention.

ADMINISTRATOR'S SALE! THOROUGHbred GALLOWAY AND ABERDEEN-ANGUS CATTLE.

The administratrix of the late A. J. Grover will offer at public sale on "Meadow Brook Farm," one and one-half miles north of MUSCOTAHA, Atchison Co., KAS., on FRIDAY, MAY 1, 1891, the celebrated Meadow Brook Herd of pure Aberdeen-Angus and Galloway cattle, consisting of ABOUT FIFTY-FIVE HEAD—all registered or eligible to registration. These animals are not pampered and are therefore in the best of breeding condition. ALSO A number of fine horses, including one very fashionably-bred Gov. Sprague stallion, three years old, and one imported Clydesdale stallion, eight years old, besides several draft and road horses. TERMS:—Cash or bankable paper.

Great Combination Sale of Short-horn Cattle

At Riverview Park, Kansas City Stock Yards, KANSAS CITY, MO., MAY 13TH, 14TH AND 15TH, 1891.

On Wednesday, May 13, Thursday and Friday, May 14 and 15, THE INTER-STATE SHORT-HORN SHOW & SALE ASSOCIATION DARR & SON and J. W. PICKETT Will sell 98 head, Consisting of Oxfords, Griggs, Waterloos, Renick Rose of Sharons, Flat Creek and Beck's Duchess Young Marys, Young Phyllises and other popular families. Purchasers can select such breeding as may suit them, as one-half will be Cruickshank-topped and the others of the highest Bates breeding. If you want a truly fine young bull or heifer, you cannot afford to miss the sale, as many show animals will be sold. For catalogue or other information, address P. D. KEITH, Secretary, L. P. MUIR, Auctioneer, Kansas City, Mo.

SHORT-HORN, Jersey and Aberdeen-Angus CATTLE FOR SALE.

THE KANSAS STATE AGRICULTURAL COLLEGE Offers to sell many fine breeding animals of the above named breeds. The Short-horns either have calves by their sides or are in calf to Imported ROYAL PIRATE (56492), one of the finest Cruickshank bulls in America. Among them are five splendid two-year-old heifers, Cruickshank tops. The Jerseys are in milk. Two Aberdeen-Angus heifers are offered. For further information, address PROF. C. C. GEORGESON, Manhattan, Kas.

HIGH CLASS HEREFORD BULLS!

A special offering of low-legged, thick-fleshed bulls, in every way suitable to head pure-bred herds, is made from the Rock Creek herd of Thos. J. Higgins. The bull calf crop from this herd is rigidly culled each year, and the offering includes only strictly first-class specimens of the breed. These bulls will be sold at prices and on terms which bring them within the reach of breeders of beef cattle. Attention is cordially invited to this offering from the leading herd of Herefords in the West. For further particulars address THOS. J. HIGGINS, Council Grove, Kas.

DALBY BROS., Washington O. H., Ohio, Breed and ship Twenty Kinds Fine Poultry Stock and Eggs for sale. Farmers should send stamps for most illustrated 16-page Catalogue ever published—FREE.

LAWDALE HERD OF POLAND-CHINAS

MILK BUTTER FOSTORIA HERD HOLSTEIN-FRIESIANS.

Choicest imported cows, prize-winners in Holland and America, at the pall and churn in this herd. Also, grand sweepstakes butter cow, Ohio State fair; grand sweepstakes bull Ohio State and West Virginia State fairs; grand sweepstakes bull at the great St. Louis fair. Also the finest selection of the celebrated Mercedes family. If you want the best, visit the Fostoria herd and make selections. Prices low, terms easy. W. H. S. Foster, Fostoria, Ohio.

CHEESE BEEF NEBRASKA

Hemp Binder Twine. Manufactured by the Fremont Hemp & Twine Co., at Fremont, Neb., out of hemp grown on the farms of Nebraska. Every Western farmer should use this twine. It is as strong and will work as well as the best made anywhere, out of any kind of fiber. We guarantee it to work well on all makes of binders, and to be ork-proof. Try our twine and be convinced. There is no longer any necessity for Western farmers to be dependent upon foreign-grown fibers for binding their grain. We will be pleased to furnish samples and prices on application. FREMONT HEMP & TWINE CO., FREMONT, NEBRASKA. In writing to our advertisers please say that you saw their "ad." in KANSAS FARMER.