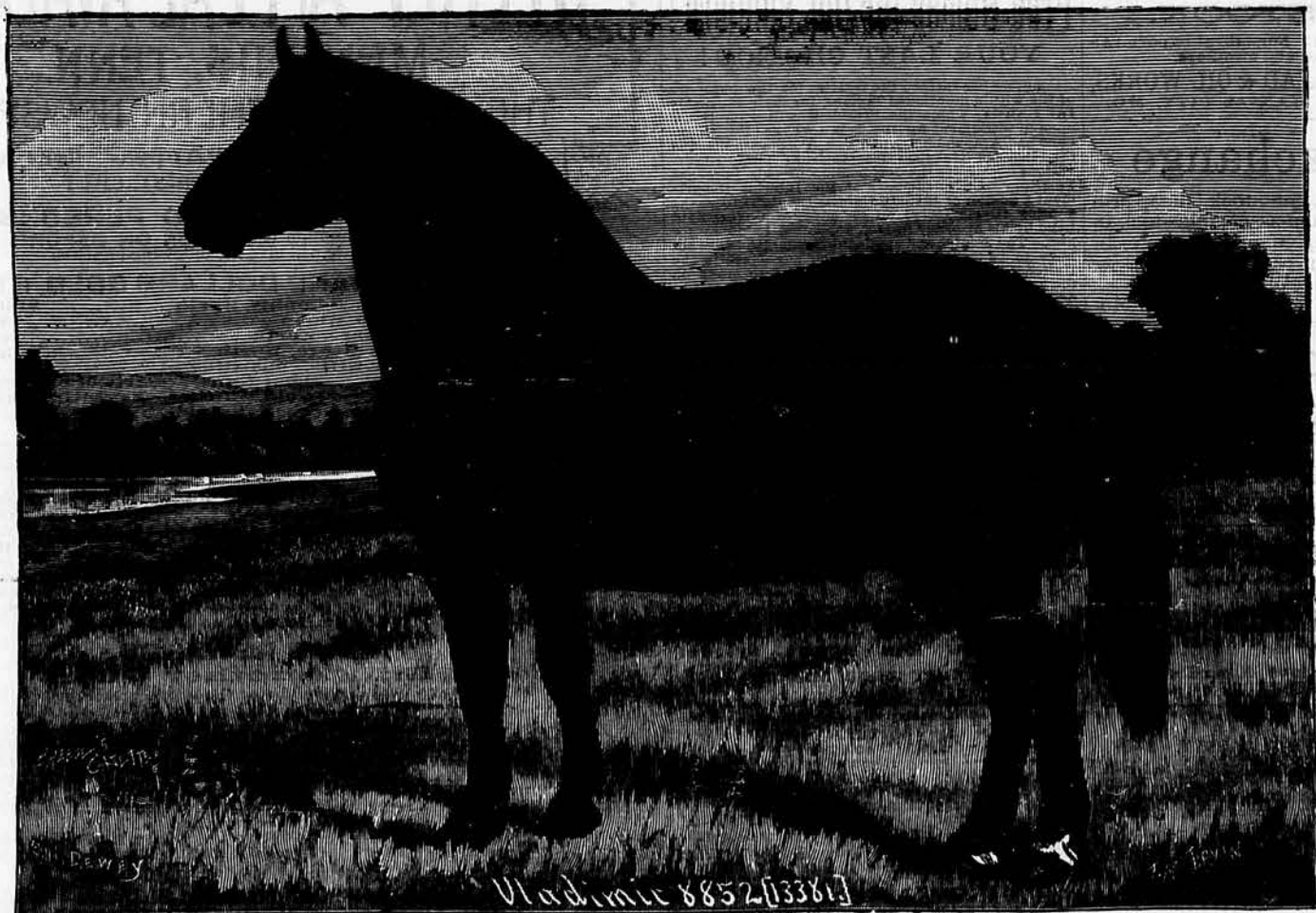


KANSAS FARMER

ESTABLISHED 1863.
VOL. XXIX, No. 11.

TOPEKA, KANSAS, WEDNESDAY, MARCH 18, 1891.

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TABLE OF CONTENTS.

PAGE 3—AGRICULTURAL MATTERS.—Planting and Listing. Forage Plants. Kaffir Corn. From Stafford County. The Cultivation of Potatoes.

PAGE 4—THE STOCK INTEREST.—Care of Stock and Farm Management. Start a Herd Now. Supply and Demand of Pork. Popularity of Sires. American Trotting Association. Live Stock Notes.

PAGE 5—IN THE DAIRY.—Wisconsin Food and Dairy Commission. A Tribute to the Holstein-Friesian.

PAGE 6—ALLIANCE DEPARTMENT.—Scott County. Brown County. Sheridan County. He Visits Iowa. Kansas Alliance Exchange Company. The Mutual Protective Association. The Roe Bill and Live Stock Exchange.

PAGE 7—Gossip About Stock.—If I Had Known (poem). Labor (poem). An Allegory. Woman's Work in the Grange. Woman's Influence in the Alliance. Good Things from "Good Housekeeping."

PAGE 8—THE YOUNG FOLKS.—A Dream of the Sea (poem). The Children (poem). Joy (poem). The "Scramble Feast" of Ajmeer. City or Country Life?

PAGE 10—EDITORIAL.—The Legislature Adjourned. The Work of the Legislature. Congressional Funerals. The Argentine Money Plan. Alliance Insanity. Experiments in Sugar.

PAGE 11—EDITORIAL.—A Word About Evil. World's Fair Exhibit. The Deficit in the Supply of Wheat and Corn. Appointments for State Institutions. Willfully Misquoted. Vinegar from Sorghum. Horses on Wheat. Topeka Weather Report.

PAGE 12—HORTICULTURE.—Kansas Fruit Manual.

PAGE 13—THE POULTRY YARD.—Hatching Time. Let Us Wake Up.

PAGE 14—The Veterinarian. The Markets.

Agricultural Matters.

PLANTING AND LISTING.

By G. W. Berry, read at a meeting of Berryton sub-Alliance, Shawnee county, Kansas.

The object of this paper is to merely offer thought for discussion on this important topic, so I shall not attempt an elaborate essay, but simply endeavor to outline the most successful mode of raising corn in Kansas.

The introduction of corn as a factor in commerce, and a prime article of food for man and beast, was brought about during the period known as the progressive age in the world's history. From the primitive years of a rising and growing agriculture, when wooden mold-board plows and ox carts were used, improvement and skill in growing the grain which has become the staple of a large portion of our country, and its prime support in furnishing the meat markets of the world, has kept pace with the progress made in all other lines of arts and industry, until the present methods admit of the cultivation of at least three times the acreage with better results by one hand than possible fifty years ago.

Plowing the ground before planting and listing, the systems each having many advocates, are well worth discussing for the purpose of bringing out an exchange of ideas.

By listing, it is claimed, a saving of labor is obtained over plowing. All other preparation prior to planting, except cleaning the ground of stalks and other trash is saved, and the lister covers as much ground at one round of the field—and the corn planted at once—as is made by an ordinary turning plow at two or three rounds. By planting with a lister it is claimed that the corn is put below the surface, so the young and growing plants are fed by the soil in the ridges above a level of the roots, and can better be nourished by subsequent cultivations. Then it is said by some that this system gives the corn adaptability to withstand drought, as the roots must be far below the surface, thus having a better chance to reach and retain moisture.

"Double-listing" is practiced by some farmers, as it is thought the ground is more thoroughly stirred, by splitting the ridges after the field has once been ridged. This method is objectionable for the reason that the seeds of all weeds and grass are thrown back upon the surface, as is evidenced by the two rows of green always seen on either sides of the furrow.

The objections as a whole to listing are: (1) The ground can not be thoroughly worked, consequently much of its substance and nourishment is lost. (2) The corn being drilled does not admit of thorough cultivation. (3) By reason of the last the ground becomes polluted, compact and dead, thus hindering future cultivation, and injuring the crops that follow.

The idea that listed corn can better withstand dry weather is fallacious. It is known that the earth absorbs moisture from the atmosphere, brought about by the heated air rising during the nights and the cooling of the surface which condenses the moisture. The thorough dis-

semination of this moisture in the ground can only be made where the surface has been well plowed.

I now pass to the most salient points observed in the system which I recommend, believing it the most successful, Kansas seasons and Kansas soil considered.

Preparation by thorough and deep plowing is essential to the nature of corn, especially when we recollect our very fitful climate, which has a proneness to surprise the faithful farmer with an occasional and unwelcome drought. Stubble ground will cultivate much nicer and produce more corn by fall plowing. This I know by actual experience in the field, where one side was plowed in the fall and the other side was left until spring. All stalks and trash should be well turned under, as they tend to loosen the soil, giving it an airy nature, required for retaining moisture, as well as converting the vegetable matter into nature's own fertilizers.

With three or four days' plowing, if only one team is used, the ground should be harrowed and "planted up," by using the check-rower, while the ground retains its fresh moisture; thus giving the corn a start ahead of the weeds which have been turned under. If two or three teams are used, it is a good plan to "harrow up" and "plant up" every afternoon, and sometimes it is convenient to use a spare team for this purpose. The advantage obtained by thus planting in fresh ground is the corn can be planted shallow with the assurance that it will have sufficient moisture to sprout immediately, and shallow-planted corn grows faster and larger than deep-planted.

Good judgment and care as to time, as well as to details of the work, are necessary to obtain a good stand, and should be well studied, as replant corn never amounts to much.

After the corn is up, rolling is a most useful adjunct—I use the expression pointedly—to good cultivation; i. e., the roller should be used in connection with the first cultivation by following the roller with the cultivator immediately. I would put no kind of a harrow on corn after it is planted, as it is just so much time lost. Number of cultivations necessary and beneficial vary with the condition of the ground. New ground should not be cultivated so often as old ground.

One thing to recollect in this connection is, cultivate at the right time and do not stay out of the field too long until it is "laid by."

My father had an unflinching habit of weeding the field—that is, after laying by—going through the rows with a hoe and taking out all bad seed weeds, a pains that many of the boys do not now find time to do, but a practice that should tend to clean farming.

In conclusion, I have but touched the points on listing, and given a brief outline of what I have found a successful system of raising corn in Kansas, aiming to bring out a discussion of these or any methods.

Born and raised here, Kansas is my native clime. Having witnessed the trials of subduing her virgin soil, and noting the discouragements that have attended the successful attempts by the pioneers and the hardy sons of agriculture in developing the resources of our wonderful young commonwealth, having full faith in her resources and future possibilities, I believe that corn is not only the staple crop, but is the surest in Kansas, and with the careful business attention that the farmer should give to his occupation, that good crops will be assured and failure become an exception rather than the rule.

Forage Plants.

EDITOR KANSAS FARMER:—In an article recently written for the KANSAS FARMER we referred to some of these, and it has brought us letters of inquiry. As to Kaffir corn and milo maize, all seedsmen should be able to supply these seeds at rates that will justify planting largely, and farmers might advertise and sell where large quantities are wanted at lower rates. Teosinte will not mature seed except possibly in Florida or other extreme Southern points. Its present price of \$2 per pound, as quoted by most seedsmen, prevents its being planted as it would be, J. M. Sherburn & Co., New York, offer it at \$1.25 per pound. It certainly will soon be much cheaper. In the meantime we would advise at least trial plantings in all the further west.

Riverdale, Mo.

Kaffir Corn.

EDITOR KANSAS FARMER:—Two years experience with Kaffir corn has convinced me of its great value. Under the most unfavorable circumstances of planting and culture, where corn would have failed entirely, it has been a paying crop. It will yield a larger return for labor on poorer soil than any crop of which I know.

Any soil that is worth farming at all will do. Prepare as for corn, but the surface should be well leveled. Plant first of April, if it can be done; if not, as early as possible before June 1. Drill with corn drill three pounds per acre, to obtain best yield of seed. To obtain the best yield of fodder and a good yield of seed, four pounds may be used. Cultivate as taste and time admit; the more thoroughly the better, but, unlike corn, it will not be a failure even if neglected.

We cut with a Peterson corn-cutter. Two men cut and shocked three to four acres per day. I estimate forty bushels per acre can be easily raised on ordinary Kansas upland, and that if well planted and cultivated it will never fall much short of this yield. I believe it would pay best to top the heads and thresh when well-cured and convenient. The standing fodder can, after it is topped, be cut with an ordinary self-rake machine and shocked as corn, very large shocks being best.

The fodder is undoubtedly the best and most abundant produced by any crop which has any value as a grain producer. Compared with corn fodder, it has these advantages: It stays green until killed by frost, thus giving a longer time, and cheaper labor to cut it; the stalks are shorter, but have fully as much foliage, consequently there is less labor in handling; it does not break so badly in dry, windy weather; it keeps much better in shocks; and last, but not least, it will yield three times as much feed per acre.

I cannot see any indications that the grain is inferior to corn, except when fed in the fodder to cattle, when it is very imperfectly digested. Having plenty of hogs with the cattle does not entirely remedy the loss, as it shatters badly, and the seed being so small, there is necessarily some waste from tramping in the ground. The remedy plainly is to thresh and grind it.

Fed to hogs whole, it does very well, but would probably be better if ground. Four well-grown pigs, three months old, were fed on Kaffir corn and water exclusively until they were eight months old. They were then put on ear corn and water. At nine months and twenty-seven days they were marketed, weighing 347 pounds each, and were by far the best-looking hogs I saw among a large number sold in Chanute that day. These hogs were never confined in a small pen, however, but had plenty of green feed. I now have a lot of pigs on one-half feed that are equal to any corn-fed pigs I know of.

I have no hesitancy in urging the planting of this crop; but especially should those plant liberally of it who are so situated as to not raise large and paying crops of corn with any reasonable certainty.

Concerning the merits of Kaffir corn, Prof. E. M. Shelton speaks thusly: "It has given great satisfaction in every case of cultivation reported to me. Besides having extraordinary ability to resist drouth, it yields heavily of superior grain. Even upon the poorest land the stalks and blades give a large amount of excellent fodder, and it is almost entirely exempt from insect attacks." (See page 82, Report of State Board of Agriculture, December 31, 1889.)

I had some shocks of fodder threshed, and am of the opinion it does not pay. Stock eat no greater proportion of the threshed than of the unthreshed fodder, and it is an expensive process; besides, when threshed, the leaves being finely cut up, blow badly in windy weather.

Center Ridge, Kas. G. A. LAUDE.

From Stafford County.

EDITOR KANSAS FARMER:—We have had a nice winter here with abundant snow. Wheat was never in better shape than now and stock of all kinds has done well. The farmers are fixing to sow oats; there will be a large acreage of oats sown this spring, and we will make a strenuous effort to raise a big corn crop this season. Corn is very scarce here. Good seed corn will be worth one dollar per bushel and will be hard to find at that price. The farmers in the vicinity of Stafford are going to try their hand at the cheese factory this summer and have made arrangements

with a man by the name of Olmstead, of New York, to manufacture their cheese this summer, and he has gone east to get his outfit, and will have it in running order by the 15th of April. He has the contract for 500 cows and will have the capacity to run 800 and thinks he will get the full amount by the time he gets ready to start. He gives us flattering prospects for a cheese country and he thinks we can make our cheap cows turn a good many dollars into our pockets; hope he is right, for they do not pay the expense of raising and the taxes. It takes a good fat cow to bring \$13.50, and a stock cow cannot be sold for cash at any price.

I would like for some farmer to give me his experience in raising beets for cows to feed in winter, and what kind is the best to raise and when is the best time to plant them as well. We want some kind of root crops to feed our cows together with cane and millet, so we can get some cream as well as milk. We are selling our cream now for 13 cents per guage to the Halstead creamery; they gather it up and ship it by rail to Halstead. S. W. M. Stafford, Kan.

The Cultivation of Potatoes.

In this article I will give my experience in a practical way, on the planting and cultivation of potatoes, for field culture and for the small garden patch also. As many farmers only aim to raise enough to do their families and perhaps save seed potatoes, often make so close a calculation and neglectful cultivation that they have not enough to fill the contract. On the other hand we have potato raising brought up to nearly perfection, by our most distinguished agriculturalists, to such an enormous yield per acre that would make a common farmer almost skeptical. One of the best crops to turn over for potatoes is a crop of clover. The ground must be plowed deep, and well turned, because one of the main things is to get a deep mellow bed for the seed. Harrow the ground until it is well pulverized, with an Acme harrow, mark off the ground three feet wide, and be sure to procure good seed; this is very important in getting a large yield. I have never raised a good crop of any kind with poor seed. In cutting the seed I aim to leave two eyes to a piece, generally cutting each potato in four pieces. Then I mark off the ground the other way, three feet—for field culture I prefer to plow them both ways. One man follows and drops a handful of phosphate in each hill, the second man with a hoe pulls some loose dirt over this, the third man drops one piece of potato in each hill, and the next man covers them with a hoe or cultivator. Now I leave the ground alone until the plants commence coming through the ground, then take a cultivator and cover up potatoes and all. This leaves the ground perfectly free of weeds, and in a few days they will begin to come through the mellow dirt I have thrown on them. As soon as the plants are large enough for cultivation, I take a Planat Jr. cultivator, run up close to the potatoes and set the shovel next to the potatoes to throw the soil away from the plants, and the next shovel to this, to throw the soil to the plants. This gives fresh dirt next to the young plants. One hand follows with a hoe to take out weeds if any, and straighten up the plants. I consider four plowings sufficient, one hand to follow each plowing with a hoe. The last plowing increase the number of hoes, and hoe each hill, though do not hill them up very much. With this the work is done as far as we are concerned, until they are ripe. To dig them I use a flat four-tongued potato fork; two boys to follow each digger to pick them up. They are stored away in the cellar ready for market. Sprinkle some lime through them, this will help to keep them from rotting. In a good potato country the yield will be from 250 to 300 bushels per acre. If a farmer wants to go to the expense, (and I am sure the increase in the yield will pay for it) buy Mapes potato fertilizer. Drop this in the hill as I mentioned above, and the first plowing sprinkle a handful of phosphate around the hill. For a patch for home use, manure the ground well from the barnyard, follow the directions, except drop the potatoes 15 inches apart in a row.—J. R. Colton, of Lyon county, Kansas, in Practical Farmer.

"Ayer's Medicines have been satisfactory to me throughout my practice, especially Ayer's Cherry Pectoral, which has been used by many of my patients, one of whom says he knows it saved his life."—F. L. Morris, D. D., Brooklyn, N. Y.

The Stock Interest.

THOROUGHbred STOCK SALES.

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

APRIL 2—M. R. Platt, Galloways, Kansas City, Mo.
APRIL 8—J. H. Rea & Sons, R. B. Hudson & Sons and W. J. Turpin, Carrollton, Mo., Aberdeen-Angus cattle.
MAY 13—Inter State Short-horn Breeders, show and sale, at Kansas City.
MAY 14—A. A. Crane & Son, Osco, Ill., Herefords.

CARE OF STOCK AND FARM MANAGEMENT.

Extracts from a paper by H. F. Mellenbruch, read before the Brown County Farmers' Institute.

The large amount of sunshine here in Kansas favors our farmers. If they begin in time to mow and reap and at once secure the hay and grain they can generally avoid loss by bleaching and molding. It pays us to make extra efforts to save crops already grown. Yes, it pays better than to work most for a big crop and then permit avoidable waste or damage to crops already made. The crop of hay or grain that is permitted to be damaged during harvest, costs us, in labor, fully as much as the crop secured in good condition. The value realized for the damaged crop is generally far below that of the good one. Hence the importance here of doing the right thing at the right time and of doing it well.

The proper care of stock is another important work that demands the closest attention of our farmers to assure financial success. Our first aim should be to have good stock and to provide for the comfort of the animals, to keep them in a healthy, growing condition, and to use good economy in feeding. In providing for the comfort of our stock it is not enough that it be sheltered from the inclement weather. The animals must have pure air and bask in the sunshine part of the time and have some exercise daily. These are essential conditions to health and thrift. Another requisite is regularity in all the work of caring for the stock. The feeding, watering and milking should all be done each day at about the same hour, as nearly as possible. The animal's organs will soon adapt themselves to any regular system and act vigorously. Any omission or irregularity disturbs the animal system and entails loss. Don't stint the rations of animals. Give them plenty; but no more than they will eat up at each feed. Give a variety of feed. Be kind to the dumb brute; animals appreciate kind treatment and soon requite it by docile behavior. Besides the profits there is a satisfaction in rearing thrifty, gentle animals. Don't keep more stock than you can properly care for. If you have matured animals to sell and the price is good, don't wait for better prices, but sell at once.

I will now briefly notice the second general principle that must be a guiding star to every successful farmer. *Make an economic use of the farm and farm products.* If we do not use economy the supply will soon be exhausted. Therefore be saving; first of the fertility of the soil. It is the immediate source of all farm wealth. By returning to the soil in the form of manure, as much as possible of the crops taken from it, and by a judicious rotation of crops—not omitting clover—the fertility can be kept up for a long time. It doesn't pay to farm poor land. It requires as much work as good land, while the return in crops is much less.

Avoid expensive experiments. Under this head will come new machinery, novelties in seeds, plants and animals, new methods of farming, etc. It pays to have good implements, yet few so-called improvements are a success when tested on the farm. It is safest to use the old kinds of implements until the superiority of a new one is fully established at the expense of the manufacturer, and local responsible dealers will

keep it in store. Therefore, when a stranger comes as an agent of a new implement that he wishes to introduce, don't waste time with him or money on his goods. It is good economy to let them alone. It is hardly necessary to warn against buying patent rights of new contrivances, for the purpose of selling to make money. It is more apt to lose you money, if not directly, at least indirectly, on account of time lost.

Novelties in plants and animals may be safely tried on a small scale, for they sometimes prove valuable acquisitions. Let, however, the main crop always be of such kinds as have been tried and found profitable.

There are a few other things not to be overlooked by the farmer who aims at the highest possible success in his calling. I will call attention to the following:

1. Plant and sow a variety of crops to avoid crowding the work at any one season of the year, and also to have different sources of income.

2. Divide the farm into moderate-sized, well-fenced fields for the convenience of pasturing. Then let the small grain and corn be in different fields. By this means the stock can be turned into the stubble fields as soon as the grain is stacked. This will give us a cleaner field the next year, and also give the other pasture a chance to start again, after being pastured down short, as it generally is about this time of the year.

3. The orchard and small fruits should not be neglected. This is often a valuable source of income and always a most healthful food supply. A farm home without an orchard does not appear homelike to me.

4. As your means permit beautify your home. A beautiful home is not altogether a luxury. It adds to the comfort and happiness of the family and develops good taste in the inmates of the home.

Start a Herd Now.

The keynote is struck by the *Colorado Review*, regarding the cattle industry, when it suggests that the best time to go into the business is when every one else is going out. The stock can then be laid in at bottom prices—you run no risk in suffering a decline in values. A reaction must take place in all standard industries that suffer depression, let the cause be what it may, and the wise man will be in when the reaction takes place and get all the advantages it affords. We witness such occurrences in every branch of agriculture. At one time it is the sheep business, at another horses suffer, and now it is cattle.

From 1883 to 1886 sheep could hardly be given away in the sheep districts of the United States. Men left the business by hundreds and turned their money and attention to other stock, principally cattle. The effect this had on the neglected industry was soon made manifest. The sheep stock of the country was reduced below the natural demand and a reaction was forced upon this basis. Those who availed themselves of the opportunity to buy up choice sheep stock at panic prices, and those who had the wisdom to stick to the business are now rejoicing in their advantage, while those who sacrificed good flocks are paying good prices to get them back. The same thing will be the report of the cattle business, and that within a short time.

Now is the time to start a herd. Good young cows can be had for \$15 a head, and next spring their number will be doubled. We cannot urge too strongly upon the farmer who has feed and the means to handle a few more cows, to buy now. The speculative feature of handling nothing but steers has taken hold of the farmer and has greatly aided in reducing the stock of the country. This is simply the result of the depressing influence of overproduction, and the proper remedies having

been applied we can reasonably expect a reaction and a steady, healthy growth of business, which will demand the assistance of parent stock. The price of cows will advance, likewise their produce.

Supply and Demand of Pork.

The present prices of hogs, together with the supply and demand, is receiving earnest consideration at this time, and the *Drovers' Journal* discusses the matter as follows: "It is not surprising that prices for hogs are as low as they are, but there would not seem to be so good a reason for cattle prices being as low as they are unless the people are eating cheap pork rather than pay any advance for beef. The supply and demand, as a rule, governs the price of an article, and as receipts of hogs at the four principal markets for 1891 to date exhibit nearly 40 per cent. increase over arrivals of 1890—the largest year on record—the country has no good reason to complain of the prevailing low prices of hogs, although the lowest in over ten years for this season of the year. Cattle, however, for several years past have ruled extremely low, in fact the lowest on record, and now with a falling off in the supplies at the four leading markets of nearly 20 per cent. for 1891 to date, there has been less advance in values than many expected. Predictions on the future are often worse than idle, but there are many who believe that the prospective receipts for months to come will continue to materially decrease compared with 1890, which, however, was a record-breaker in every sense of the word.

"To offset the abundance and cheapness of pork, it may be stated that the export and shipping demand for cattle is noticeably heavier than at this period a year ago, and it is reasonable to expect a strong demand for refrigerator beef. On the other hand poultry is in larger supply than a year ago and higher. Both cattle and hog-raisers have been greatly discouraged for two or three years past, but more particularly so this year than in previous years. They have been feeding high-priced corn for months past, and those that have not already sacrificed their cattle and hogs are 'holding on' expecting 'better days.'"

Popularity of Sires.

The official averages of the recent sales of trotters, conducted by W. T. Woodard, Lexington, Ky., have just been compiled and will be found below. The figures in parentheses denote the number of the horse's get offered.

Sire.	Average.	Sire.	Average.
Electioneer (4).....	\$16,506	Bourbon Belmont (1).....	800
Abdallah Mambrino (2).....	3,000	Ellerslie Wilkes (1).....	750
Alcantara (1).....	3,200	Sea King (1).....	740
George Wilkes (1).....	3,500	Sherman's Hambletonian (1).....	725
Grand Sentinel (1).....	2,725	Granby (1).....	700
Dictator (1).....	2,300	Artillery (1).....	700
Director (1).....	2,300	Aberdeen (1).....	658
Lord Russell (2).....	2,212	Young Jim (5).....	658
Pilot Medium (1).....	1,900	Vasco (3).....	657
Sultan (2).....	1,887	Victor Bismarck (2).....	650
Happy Medium (6).....	1,811	Montgomery (1).....	650
Jay Bird (4).....	1,706	Pactolus (4).....	627
Mambrino Patchen (2).....	1,675	Messenger Chief (2).....	627
Nutwood (7).....	1,623	Simmons (1).....	625
Red Wilkes (6).....	1,591	Lumps (1).....	625
Belmont (5).....	1,573	Shawmut (2).....	615
Administrator (1).....	1,510	C. F. Clay (2).....	610
Ellal C. (1).....	1,500	Potoskey (1).....	610
Hambrino (5).....	1,491	Egbert (6).....	606
Baron Wilkes (2).....	1,375	El Sablo (1).....	600
Nugget (1).....	1,325	Norval (2).....	592
Strathmore (1).....	1,300	Cuyler (1).....	590
Belvoir (1).....	1,300	Glenview (1).....	585
Robert McGregor (5).....	1,275	Princes (2).....	580
Ambassador (3).....	1,141	Messenger Duroc (2).....	545
Monte Christo (1).....	1,100	Gambetta Wilkes (1).....	535
Acolyte (2).....	1,000	McCurdy's Hambletonian (1).....	535
Barney Wilkes (1).....	975	Kentucky Wilkes (1).....	530
Mambrino Russell (1).....	975	Wilkes Boy (2).....	517
Competitor (2).....	950	Vic Monroe (1).....	500
William L. (1).....	900	Macey's Hambletonian (2).....	500
Wilton (4).....	887	King Almont (1).....	500
Shelby Chief (1).....	855	Pretender (2).....	500
Banker (1).....	825		
Onward (27).....	815		
Harold (3).....	812		
Almont (3).....	800		
Lucas Brodhead (1).....	800		

The above table shows the popularity of the various sires as decided by the most critical test of the sale ring.

If you decide, from what you have heard or read, that you will take Hood's Sarsaparilla, do not be induced to buy any substitute instead.

American Trotting Association.

Horsemen from almost every State in the Union met at Chicago recently to attend the second biennial congress of the American Trotting Association. The association was organized in March, 1887, and its membership represents over 500 local associations. About sixty delegates, representing in person and by proxy 205 associations, attended the meeting. The officers elected to represent the association for the next two years were: President, D. C. Beaman, of Denver; First Vice President, W. P. Ijams, of Terre Haute; Treasurer, M. L. Williams, of Detroit; Secretary, J. H. Steiner, of Indiana. Board of Directors—C. B. Benjamin, East Saginaw; G. B. McFall, Oskaloosa, Iowa; E. C. Lewis, Ottawa, Ill.; G. H. Ely, Elyria, Ohio; F. C. Pillsbury, Minneapolis. Vice Presidents representing each State were also elected.

The Treasurer's report showed that the association was in a sound and prosperous condition financially. In the general fund on January 1, 1891, was \$9,386.89, and in the trust fund \$1,854.20. A committee was appointed and authorized to make a few minor changes in the by-laws and trotting rules. Heretofore the general office of the association has been in Detroit. At the meeting yesterday the Secretary was authorized to open an office in Chicago. The Detroit offices will be maintained, as the association was organized under the laws of that State. Among the well-known turfmen present were: H. D. McKinney, Wisconsin; T. F. Moran, Detroit; E. C. Long, St. Paul; E. C. Lewis, Deer Park, Ill.; Col. Conley, Chicago; D. D. Stewart and D. L. Hall, Denver; W. P. James, Terre Haute.

Live Stock Notes.

The Kansas City and St. Louis markets are constantly short on the supply of sheep to meet the demand. Let us have more mutton-raisers.

Fletcher Merideth, Hutchinson, Kas., says: "Last year there were nearly 37,000,000 acres of land in this country devoted to raising hay. The yield was 48,000,000 tons, valued at \$414,000,000. This is five times the mineral (gold and silver) output of the world and doubles the value of the cereal products of the country. Hayseed is on top, sure."

Western Agriculturist: Draft horse breeding has received a new impetus by the unprofitable prices received these times for all other classes of stock. The big heavy draft horses command good prices; the demand is greater than the supply. We cannot give up farming and stock-raising, and if we raise anything, raise what the markets want and will pay the best prices for.

Several of the largest dairy companies in St. Louis have organized a trust to be known as the Union Dairy Company, with a capital stock of \$300,000. A suggestion that the amalgamation had been brought about for the purpose of advancing the price of milk called forth a denial from William L. Huse, the prime mover in the new concern, who said it was for a reduction of expenses and an eventual decrease in price and an increase in purity of milk to the consumer.

D. W. Tinkham, who formerly was in the sheep business in Ellsworth county, but is now a resident of Shawnee county, said to the *KANSAS FARMER* that he could with the same amount of capital make double the money, and with much less labor, by raising sheep in western Kansas, than any good farmer could make by raising crops on the best farm in eastern Kansas. Sheep farming will solve the question for western Kansas. Irrigation is not a circumstance in comparison.

Patrick Fay, of Jewell county, says that the sooner Jewell county farmers go into the alfalfa the better. He is wintering seventy-six hogs on it, the horses like it, and he says it is the best thing for milch cows he ever saw; his cows get nothing else, and the butter is almost as yellow as in summer. The beauty of it is that it is a permanent thing and a sure crop. Last summer in the hot month of July, when everything else was scorching, his alfalfa

made a growth of twelve inches. He pastured it down three times and then cut his winter feed. He says an acre of alfalfa will yield ten times as much as an acre of prairie grass. If it is not pastured three good crops can be cut. Tame hay of some kind is what the country needs. Give the alfalfa a trial. Do it this spring.

Those who are interested in the export trade of American live cattle will doubtless be glad to know that among the laws enacted during the closing days of the Fifty-first Congress was one by which the Secretary of Agriculture, through his inspectors at the ports of export, is authorized to examine all vessels which are to carry the cattle to foreign countries, and to prescribe rules and regulations as to accommodations to be provided for the cattle as to space, ventilation, fittings, food and water supply, and such other requirements as he may deem necessary for the safe and proper transportation and humane treatment of such animals. The violation on any vessel of the regulations made by him may be punished by the prohibition of such vessel from again carrying cattle from any port in the United States for such length of time not exceeding one year as the Secretary of Agriculture may direct. Secretary Rusk feels confident that armed with such authority he can secure to American export cattle such necessary care and humane treatment as will not only conduce greatly to the profit of the shippers, but also effectually offset the agitation aroused and maintained in Great Britain by the opponents of the American export cattle trade on the ground of the inhuman treatment of the cattle.

"The world grows weary praising men,
And weary grows of being praised—
But never weary grows the pen
Which writes the truths that have amazed

the thousands who have been given up by their physicians and who have been restored to complete health by using that safest of all remedies for functional irregularities and weaknesses, which are the bane of womankind. We refer, of course, to Dr. Pierce's Favorite Prescription, the only guaranteed cure for all chronic ailments peculiar to women. Read the guarantee on the bottle-wrapper.

To regulate the stomach, liver and bowels, Dr. Pierce's Pellets excel. One a dose.

Ingersoll on California.

In a recent magazine article, Mr. Ernest Ingersoll, the noted writer, says:

"The climate of southern California in winter closely resembles that of Egypt. Its equability is constant, and its dryness is proverbial. The only complaint made is, that it is too nearly perfect. Residents bred in the Eastern States confess now and then that a rousing storm would give them a grateful sensation. But this sentiment meets with no favor from the man who has just fled from a superfluity of wetness and chilling gales. To him perpetual summer seems perpetual paradise, and to the invalid dreading the advance of disease the still and arid atmosphere is as the breath of life."

The most comfortable way to reach the Pacific coast is via the Santa Fe Route. Weekly excursions in Pullman tourist sleepers at low rates. Apply to G. T. Nicholson, G. P. & T. A., Topeka, Kas., for folder.

Short Line to Kansas City.

That is what the CHICAGO, ST. PAUL & KANSAS CITY RAILWAY announces to readers of this paper regarding the completion of its own line into the cities of Leavenworth and Kansas City on February 1, 1891, forming the most direct and expeditious route for passengers and freight traffic between principal commercial centers and the great States of Iowa, Northern Illinois, Wisconsin, Minnesota, Missouri and Kansas and the West and Southwest. Take this route hereafter when business, duty or pleasure calls you to any point this side of, or beyond the Missouri river. Its splendidly equipped Southwest Limited, with brand new coaches and the celebrated vestibuled compartment sleeping cars and dining cars, is beyond comparison with the advantages offered by any other line.

Information regarding this popular route, and particularly the new features it has recently added to its service in the interest of the traveling public, will be cheerfully furnished by its agents. Step in and see them whenever you desire any information about railways.

Star Land-Roller. Best on earth. The Castree-Mallery Co., Flint, Mich.

In the Dairy.

Wisconsin Food and Dairy Commission.

By an almost unanimous vote the Wisconsin Legislature passed a bill establishing this department as a State office. The measure is a wise one. The State of Wisconsin has become a great commonwealth with a thousand and one interests. The clamor for cheaper food, for cheaper wear and for cheaper everything has had a pernicious result upon the purity of articles offered for sale by our tradesmen. The people ask for low-priced foods, and in many cases the merchants are unable to supply the demand with an honest article, and fraud is resorted to. The merchants, in turn, must have goods that are called for and the manufacturer is drawn into the gap and makes the spurious article. Although the public in a large measure is responsible for the situation, the State should step in and volunteer to protect the consumer. A man may cry never so loud for cheap foods, but an instance is yet to be cited where he has called for fraudulent food, and it is no more than just that he should receive what he assumes he is paying his money for. Again, the manufacturer of food stuff is taking the place of the producer of food. An honest manufacturer should be protected and fostered by every community, but a man who sells under false colors and makes an article with his eyes open and then sells it for what it is not, should be tried and condemned in the est-

25 per cent. of honest production, and it is a question of vital interest to honest manufacturers and honest producers that this infamous business be called to a halt. If a perfect understanding could be established between the honest producer, the honest dealer, the honest consumer, the honest manufacturer, and this department, it would not be long before the representatives of illegitimate business would seek other employment.

A Tribute to the Holstein-Friesians.

Holstein-Friesians, as general-purpose cattle, receive the following tribute from *Pacific Farmer*, of Portland, Oregon:

"A great many farmers think thoroughbred cattle are only for the rich, and will not prove to be a good investment for the practical and general farmer to make, and will not pay for themselves in dollars and cents. They also have an idea that they must be stuffed with grain, worked over with brush and curry-comb, blanketed, kept in stables heated by steam, and all this, or they will die. This is a mistake. Every breeder of cattle knows that whether pure-bred or grade they should be fed a liberal quantity of grain, and their skin and hair kept healthy and bright by the use of the brush and the curry-comb. When an animal is wanted to look fine and have a smooth, glossy coat, it should be blanketed, but they can be kept nicely without. They should have clean, warm, well-ventilated quarters, and kept up from the chilly winds of autumn. All this is needed for the grades as well as the pure breeds. Now, as to the breed of cattle

farmers have watched cattle with a keen interest, and unprecedented records as deep milkers and superior butter-makers have convinced all fair-minded, thinking agriculturists that they are by far the best cattle in the world for general-purpose of husbandry, which, includes milk, cheese, butter and beef-producing qualities. The immense stock-growing interests of this country demand a dairy animal capable of beef-producing qualities in themselves and their progeny, and the Holstein-Friesian has developed this happy combination above all others, for while they are pre-eminently adapted to the dairy, they are yet large, without being coarse, producing beef of the best quality, being beautifully marbled, tender and juicy. They excel all other breeds as milk-producers, and their milk is unsurpassed for richness and flavor, while in cheese-producing qualities it stands unequalled and alone. Holstein skimmed milk, tested as a food for fattening calves, has increased their weight on an average of 100 pounds per month for five or six months, while for veal, Holstein calves are unequalled.

"Holsteins are distinguished above all other breeds of cattle for intelligence and docility of disposition. The bulls of whatever age rarely become ill-tempered, while the cows are social, loving to congregate close together, and are often seen drinking quietly from the same tub or eating salt from the same dish. No other breed grouped in the yard, or grazing in herds upon the pastures will attract such universal admiration. They are invariably clean and a distinct black and white in color, of uniform shape, size and general appearance, which, combined with their symmetry and glossy coat, render them the most attractive and beautiful race of cattle known."

Boyd's Process of Ripening Cream or Milk.

The attention of our readers, more especially the butter-makers, is called to the illustration on this page, representing Boyd's Automatic Fermenting Can and Ripening Cream Vat, of which *Hoard's Dairyman* says: "They solve, for the first time, the important question of uniformly ripening cream. The process is adapted to the Creamery and Dairy, and insures uniformly fine butter every day in the year. They also insure the maximum yield of butter obtainable from cream."

"By this process cream or milk can be ripened perfectly and with entire uniformity, in from twelve to twenty-four hours."

"It provides against the ordinary contingencies of other methods, which entail serious losses in every creamery, consequently produces better results in both quantity and quality of product."

"It produces a larger quantity of butter from a given quantity of cream, because the cream is more evenly and thoroughly ripened, than by any other method known."

"It develops a superior aromatic flavor in the butter."

"It produces a better keeping butter."

"Boyd's Patent Process for Ripening Cream has been introduced into seventeen States of the Union where it is in successful operation."

It is a Horrid Nuisance

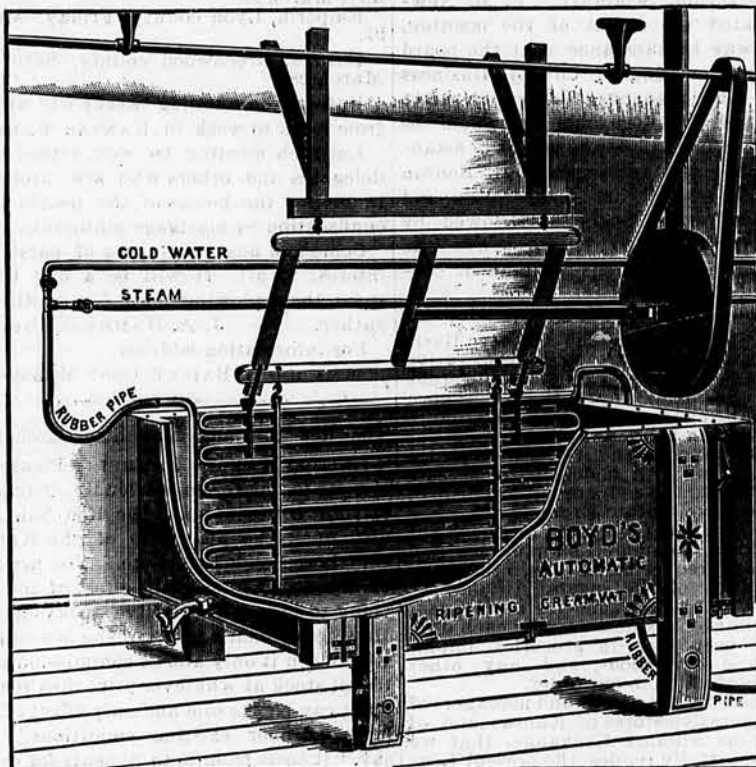
To be nervous. Starting at the slightest sound, uneasiness by day and fitful slumber by night, unreasonable apprehensions, odd sensations, constant restlessness—these are among its diabolical symptoms. Dyspepsia is the fountain head. Remove this with Hostetter's Stomach Bitters, and the food is assimilated, the body nourished, the sleep grows tranquil, nervousness vanishes. The Bitters subdues malaria, constipation, liver complaint and kidney affections.

To Farmers.

The Union Iron Works, Kansas City, Mo., manufacture *everything* necessary for grain elevators. Power shellers, engines and boilers and other machinery of the latest and most approved styles. They furnish plans and make estimates for parties contemplating erecting elevators free, and where contracts are awarded superintend the construction and put everything into successful operation. Write them.

Now is the time to build the Hog Sanitarium. No mud! No waste! No filth! No work! Healthy hogs. Think of it. Send for circulars to E. M. Crummer, Belleville, Kas.

BEECHAM'S PILLS cure bilious and nervous ills.



BOYD'S CREAM VAT, SHOWING COOLER-HEATER IN POSITION. ALSO COLD WATER AND STEAM CONDUCTORS.

mation of the people, to the extent of withdrawing patronage. The intent and purpose of the Wisconsin law is that this class of spurious foods shall be placed beyond the reach of the consumer. His health and longevity should be protected at any cost. The consumer is an innocent buyer. He places 40 cents on the counter and asks for a pound of coffee. His package should contain coffee and nothing else. If he asks for sugar he assumes that there is no glucose in it. If a farmer makes an honest pound of butter he cannot afford to throw it into the open market in competition with lard or tallow so manipulated that his city friend smacks his lips and pronounces it good butter even though his stomach revolts after he is asleep.

The State of Wisconsin has purchased and fitted a chemical laboratory for a technical analysis of all human foods, drugs and drinks, and a competent chemist has been placed in charge who is both capable and willing to do his part toward establishing a better standard. A butter and cheese expert has taken charge of the dairy department and a complete organization has been effected to do good work. Fifteen thousand copies of the laws relating to the duties and powers of the department have been distributed throughout the State to manufacturers and dealers in order that responsible persons may be in possession of facts which shall govern their subsequent action. By careful estimate it has been demonstrated that the factory has supplanted at least

that I intend to champion in this paper, it is the Holsteins, the grandest breed of cattle that was ever imported to America. I am a great lover of thoroughbred stock of all breeds, but I find that the greatest profit is in the Holsteins. Easy keepers, great milkers and butter-makers, and as a beef animal, they have no superior. What more could be asked for?

"All breeds have their merits. The Jersey is truly a great butter cow. The Short-horns, Herefords, Angus and Galloways are No. 1 milkers. The Holstein combines all of these breeds in one. In 1871, when the Holstein cow, Dowager, made her yearly record of 12,618½ pounds of milk, the people were astonished, but that was only a small record compared with the present time. August 17, 1886, Clothilde finished her yearly record of 26,021 pounds of milk; then came the great Pieterje 2d, with her wonderful record of 30,318 pounds in a year. Maplecroft herd of Holsteins, owned by J. B. Dutcher & Son, of Pawling, N. Y., furnished a cow, Pauline Paul, who made 382 pounds 14½ ounces of butter in ninety days, breaking the record. I could fill many columns with butter and milk records made by cows of this breed. Speaking of Holsteins, the *Breeder's Gazette*, of Chicago, says: 'This great dairy breed is constantly growing in popularity all over the United States, and good representatives of the breed bought at a reasonable price are better than money at interest.'

"During the last few years progressive

Affiance Department.

NATIONAL DIRECTORY.

FARMERS ALLIANCE AND INDUSTRIAL UNION.
 President.....L. L. Polk, Washington, D. C.
 Vice President.....B. H. Glover, Cambridge, Kas.
 Secretary.....J. H. Turner, Washington, D. C.
 Lecturer.....J. F. Willis, McLouth, Kas.
FARMERS' MUTUAL BENEFIT ASSOCIATION.
 President.....H. H. Moore, Mt. Erie, Wayne Co., Ill.
 Secretary, John P. Stelle, Mt. Vernon or Dahlgren, Ill.
NATIONAL GRANGE.
 Master.....J. H. Brigham, Delta, Ohio.
 Lecturer.....Mortimer Whitehead, Middlebush, N. J.
 Secretary.....John Trimble, Washington, D. C.

KANSAS DIRECTORY.

FARMERS' AND LABORERS' ALLIANCE OF KANSAS.
 President.....Frank McGrath, Beloit, Kas.
 Vice President.....Mrs. F. R. Vickery, Emporia, Kas.
 Secretary.....J. B. French, Hutchinson, Kas.
 Treasurer.....S. M. Scott, McPherson, Kas.
 Lecturer.....Van B. Prather, Neutral, Kas.
STATE ASSEMBLY F. M. B. A.
 President.....D. O. Markley, Mound City, Kas.
 Vice President.....W. C. Barrett, Quenemo, Kas.
 Secretary.....O. C. Stewart, Ottawa, Kas.
 Treasurer.....G. W. Moore, Carlyle, Kas.
 Committee on Finance.....J. W. Moneley, of Neosho;
 F. Roth, of Ness; A. E. Stanley, of Franklin.
STATE GRANGE
 Master.....A. P. Beardon, McLouth, Kas.
 Lecturer.....A. F. Allen, Vinland, Kas.
 Treasurer.....Thomas White, Topeka, Kas.
 Secretary.....Geo. Black, Olathe, Kas.
 Executive Committee.....Wm. Sims, Topeka; D. S. Fairchild, Overbrook; G. A. McAdam, Kincaid.
CITIZENS' ALLIANCE OF KANSAS.
 President.....D. C. Zercher, Olathe, Kas.
 Vice President.....Ira D. Kellogg, Columbus, Kas.
 Secretary.....W. F. Rightmire, Cottonwood Falls, Kas.
 Treasurer.....W. H. Porter, Oswego, Kas.
 Lecturer.....S. H. Snyder, Kingman, Kas.
 Executive Committee.....First district, John Stoddard; Second district, R. B. Foy; Third district, G. Hill; Fourth district, C. W. March, Chairman, Topeka; Fifth district, A. Henquonnet; Sixth district, W. M. Taylor; Seventh district, Mrs. M. E. Lease.

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.

Scott County.

At a special meeting, Saturday, March 7, the Scott County Alliance decided to invest the \$58.85, received from the Alliance Relief Committee of Kansas, in seed potatoes, and distribute them among the needy members in Scott county. Resolutions were also unanimously passed thanking the Alliance brethren of Crawford and Rice counties for their generous and timely assistance; also the brethren in eastern Kansas for money sent through the Relief committee. The Scott County Alliance is reported to be in a prosperous condition.

Brown County.

A correspondent writes us from Brown county that fall wheat looks well; that the mild winter has helped them much to get along with the short crop of feed, and keep the stock in good condition. They have had more rain this winter than for the past twelve years during the same time. If cold weather don't last long they will have plenty of rough feed. Hay sells for from \$7 to \$10 dollars per ton. A large number of cribs of corn will move when it reaches 50 cents. Stock is selling about the same as last spring. Farm hands are secured for a dollar per month less than last year. Sub-alliances are holding open meetings and inviting general discussion by all, which is generally appreciated. It is to be hoped that this powerful educating influence may make itself felt in securing better government hereafter.

Sheridan County.

In a letter from Sheridan county, which has been overlooked until it has lost its force, we see that the Alliance of that county has resolved that: An evasion of law be considered and treated as a crime; all adulterated articles offered for sale shall be plainly stamped, giving the nature and ratio of such adulteration. Favored a direct loan to the people at cost, limited to those of small estate; insist that railroad corporations who are in debt to the government and fail to pay, be dealt with as farmers are who fail to pay the mortgages of their farms; most emphatically disapprove of putting any more power into the hands of capitalists by allowing them to irrigate this country, and then deal out its benefits at their own merciless will; desire all such irrigation to be done by the government; favor the Australian ballot system; and believe that the power to vote public bonds to individuals or private corporations makes honest people slaves to capital, while the latter is used

to purchase votes from the unscrupulous, and therefore insist that such power be abolished.

He Visits Iowa.

Milo M. Kirkpatrick, county secretary of Jewell County Alliance, writes us that while on a recent visit to Iowa, he found the same complaint of oppression and hard times there as in Kansas, notwithstanding the fact that they had good crops. He says that in the portion of Kansas where crops are poor is not the only place where farmers are "hard up." At a Farmers' Institute in Iowa, he listened to an able article showing the benefits of organization among the farmers, by educating them to see that the "Way Out" is through politics and legislation. The Iowa brethren greatly rejoiced over the congressional and senatorial elections in Kansas and say that our victory has greatly strengthened the third party movement all over the United States. A large portion of the farms of Iowa he says are under mortgage; the tillers of the soil have been producing grain and stock at a loss for years, and something must be done or they will go to the wall. He listened to a number of speeches, and all savored of politics and a third party movement. The brethren in Iowa send greeting to Kansas and say they will be with us in '02.

Kansas Alliance Exchange Company.

At a meeting of co-operative store managers and business agents, held at Topeka, February 21, F. M. Watts, of Wichita, was elected chairman, and S. A. Willoughby, of Hutchinson, Secretary. F. M. Newland stated the object of the meeting, which was in substance that the board thought a meeting of County Business Agents and managers of co-operative stores and county exchanges would be very beneficial and be the means of establishing a closer relation. G. H. Benson gave a short talk on co-operation and concentration of business, followed by Edwin Snyder. A committee of five was appointed on resolutions and plan of business.

The following resolutions were adopted: *Resolved*, That we, the County Business Agents and managers of co-operative stores and county exchanges, hereby express our hearty approval of the work done by the agents of the Kansas Alliance Exchange Company, and pledge them our continued support, and we further pledge them that we will endeavor to increase and centralize the commercial interests of our order in said State Exchange.

Resolved, That the agents of the Kansas Alliance Exchange Company be, and are hereby requested to obtain the name and location of the several Alliance co-operative stores and agencies in Kansas; the amount of business done by each during the past year—in groceries, implements and dry goods, and any other statistics of value to our order.

Resolved, By the agents and managers of the co-operative stores of Kansas and of the Kansas Alliance Exchange, that we most respectfully request the present Legislature to pass House bill No. 743, relating to the election of a State Board of Railroad Commissioners and regulating freight rates in this State.

Resolved, By the officers and members of the Kansas Alliance Exchange and the agents of Alliance co-operative stores and county business agents in Kansas, that we extend our thanks to the Board of Trade of Topeka for the use of their rooms in which to hold this meeting.

The Secretary of the Kansas Alliance Exchange Company was instructed to furnish the Alliance papers of this State the proceedings of this meeting.

The Mutual Protective Association.

BRETHREN:—In reading the history of the past we are convinced that "in unity there is strength" and fully realize that capital reaches the zenith of its power by the perfection of its combinations. By the power of combinations the prices of our produce are fixed, our farms mortgaged and our homes swept from under us. We should profit by the lessons we have learned and meet organized aggressions and oppression with organized resistance, combinations of injustice with combinations for justice and right. It is unjust and unpatriotic for us to allow Shylock, under the guise of law, to rob our people of their homes. It is gross injustice for the "devil fish" of the money power to confiscate a two-thirds equity of the owner to force the settlement of a one-third loan. We are debt-paying people, opposed to repudiation in any form, but when deprived of the power to pay by unjust combinations formed for the purpose of getting our lands and creating a class of wealthy land-owners on one hand, and tenant farmers

on the other, we believe that justice and equity requires a unity of action on our part in insisting upon our legal rights and demanding more time in which to meet our obligations. The Mutual Protective Association offers the only immediate relief for the debt-ridden and oppressed people of Kansas.

"It asks only justice and will accept nothing less," and proposes to proceed in a legal way to defend and protect the rights of the citizens. Time is the cure for many ills, and with strong and united action and more time, thousands of the homes not already sacrificed upon the altar of greed and injustice can be saved to their owners.

In order to fully explain the plans and objects of the association, meetings will be held at the times and places hereinafter designated, which will be addressed by some of the most prominent reform speakers of the State. These meetings will be open only to members of the Farmers' Alliance, Knights of Labor and the National Citizens' Industrial Alliance. Each sub-Alliance and local assembly of the organizations is requested to send at least one delegate for every ten members or fraction thereof. The meetings will begin promptly at 1 o'clock p. m. and be held as follows, for March 21 and week ending March 28:

Wellington, Sumner county, Saturday, March 21.
 Winfield, Cowley county, Monday, March 23.
 El Dorado, Butler county, Tuesday, March 24.
 Marion, Marion county, Wednesday, March 25.
 Cottonwood Falls, Chase county, Thursday, March 26.
 Emporia, Lyon county, Friday, March 27.
 Eureka, Greenwood county, Saturday, March 28.

Dates for succeeding weeks will appear from week to week in KANSAS FARMER. Let each meeting be well attended by delegates and others who are interested in saving the homes of the people from confiscation by mortgage plutocrats.

Come and hear something of particular interest to all. It will be a day better spent than plowing corn for another to gather.

J. A. HAMMERS, Pres't.

For information address

FRED L. BAILEY, Gen'l Manager.

The Roe Bill and Live Stock Exchange.

EDITOR KANSAS FARMER:—Please allow me to make some friendly criticisms of your editorial upon the Roe bill, and also upon the manifesto of the Kansas City Live Stock Exchange. You are certainly mistaken as to the effect of the law being to demoralize the live stock markets. How could such a result of the law be possible when it only allows commission men to sell stock at whatever price they see fit? That can be the sole and only effect of the law. "Under existing conditions," you say, "it costs from 25 to 33 cents for every steer sold."

Allow me to quote you Sec. 3 of Rule IX, articles and rules of the Kansas City Live Stock Exchange:

"Fifty cents per head for cattle. In carloads of twenty-four or more, not more than twelve dollars per carload. Calves and yearlings ten dollars per carload."

Most loads contain less than twenty-four head.

I think you must certainly be misinformed as to commission men endorsing to the extent of \$2,000,000 for stock men during the past year. I am not aware that this is the custom. It is customary for commission men to loan money upon stock, charging at least ten per cent. for the use of the money and one dollar per head (fifty cents per head for buying and the same for selling) cattle, taking a mortgage as security. I believe the whole will average at least 15 per cent. for the money borrowed. How many stock men have been benefitted by this accommodation?

You ask, "Is the personal service worth the charge?" I answer emphatically no! and in support of this point to the incontestable evidence of two seasons' operations of the American Live Stock Commission Company.

Unquestionably you are right in saying the commission business is overdone, and it never will regulate itself as long as an exorbitant minimum rate of commission is enforced.

It is my observation that the live stock commission men who have diligently and intelligently followed their business, have acquired large fortunes. If more have failed it is because the majority have in-

dulged in reckless speculation, or unbusiness like habits.

Now a few words as to the manifesto: The Kansas City Live Stock Exchange is composed of individual members. No company or corporation being eligible. It is composed of commission men, packers and some of the officers and stockholders of the stock yard's company. I am told the commission men were the organizers, the packers reluctantly joining.

The Stock Yards Company are certainly entitled to great credit for having built and for maintaining what is probably the best equipped and most skillfully managed stock yards in the world, and for having faith in the market to the extent of a vast investment of capital in the plant. The packers have certainly done their part toward making Kansas City a great stock market by investing the millions of dollars necessary to establish plants of a capacity sufficient to handle the immense numbers of cattle and hogs daily received at the yards.

I am informed that leading packers were instrumental in having the present system of dockage of hogs adopted.

More than nine-tenths of the membership of the Kansas City Live Stock Exchange are commission men; they control the action of the Exchange. Their investment of capital is insignificant compared with the Stock Yards Company or the packers. Yet they modestly claim to have accomplished all these reforms and numerous others connected with the live stock business, and that irretrievable ruin and disaster is going to befall the live stock business in general and the Kansas City market in particular if they are not allowed to charge double the real value of their services for selling live stock in the markets. Nothing can be more absurd or silly than the gabble about legislating the Kansas City Live Stock Exchange into criminals. I will waste no words upon that. Intelligent people do not need to be told that throwing the business of selling live stock open to competition makes a criminal of no one. That is the object of the Roe bill. It in no way prevents the Kansas City Live Stock Exchange from pursuing its philanthropic purposes. I have no right to judge the motives of the commission men who control the Kansas City Live Stock Exchange in their concern for the rule regulating minimum commission, but I do know the effect of this rule is to prevent the producers of stock from sharing in the profits of this business through the agency of a co-operative profit sharing company, which they may form. If the business is unprofitable at present rates of commission the most effectual way of convincing the producers of stock of the fact is to allow them to share in the business. Nothing could be more reasonable, equitable and just than this.

"This is exactly what the Kansas City Live Stock Exchange refuses to do, expelling the American because it was such a company, and allowed the producers an equitable share in the profits of the business."

Allow me to quote the peroration of this remarkable manifesto: "The further question is: Shall foreigners whose aim is the downfall of home institutions be allowed to dictate legislation for the purpose of forming gigantic monopolies in furthering their selfish ends?"

The intelligent reader will understand that this is an insinuation against the American. In the most emphatic terms I denounce the insinuation as cowardly and the statement false. "Foreigners," indeed! For every Missourian in your Live Stock Exchange (and you are nearly all Missourians) we have more than a hundred good honest farmers of Kansas who are members of the American Live Stock Commission Company either directly or through the Grange and Alliance. We simply asked to do business in your Exchange as a profit sharing company. Two years experience demonstrating that this plan was very profitable to the producer of stock, you expelled us (funny that it took you two years to find out that we were violating the Exchange rules, when our plans has never been changed) and now when we get a law passed to protect us in our business you, modestly assuming superior wisdom and patriotism, tell us this law is for the purpose of forming a gigantic monopoly. Every intelligent citizen of Kansas knows this is not true, and that the live stock markets cannot be injured by the free and unrestricted selling of stock therein as the law in question contemplates.

When the citizens of Kansas ask for a reasonable and just law, their legislature has not been in the habit of giving great weight to the interested advice of citizens of other states.

EDWIN SNYDER.

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.)

Gossip About Stock.

Mr. Brosius writes: "The KANSAS FARMER is the paper to advertise in. I have no more fowls for sale, and as enquiries come in so fast as to require nearly all my time in answering them, please stop my advertisement. My sales have been very satisfactory both to myself and patrons, next year I hope to be nearly able to supply the demand."

C. A. Crumpacker, Washington, Iowa, writes us that his herd is doing finely, and that he has a fine lot of calves from Acklan Whittleburg, 95837. He will have a grand lot of young bulls in his sale on the 27th of May, eight of whom were sired by the grand show and breeding bull Dick Bly 85457. Also thirty heifers from show stock having won one hundred premiums at ten fairs in the last five years, against good competition.

The Missouri and Kansas Dairymen's Association has been incorporated with a capital stock of \$5,000, divided into 250 shares. Although the objects of the association are ostensibly the manufacture of butter and cheese, there is a well founded belief that its purpose is to form a trust of the dairymen in and around Kansas City for the purpose of maintaining a uniform price and a standard quality of dairy products, and otherwise protecting their interests.

The Ashbrook Farm Breeding Company organized by Kansas City, Kansas, men, have filed articles of incorporation. It is organized for the purpose of breeding and developing trotting horses. The capital stock is \$25,000 and the incorporators and directors for the first year A. E. and T. P. Ashbrook of Kansas City, Mo.; H. H. Allen of Kansas City, Kan.; Samuel S. Jewett of Lawrence, Kan.; and M. S. Atwood of Beloit, Kan. The company's headquarters will be in Kansas City.

Elsewhere in our columns will be found the display advertisement of the grand combination sale of horses and cattle, by the City Stock Yards Commission Company, Denver, Colorado, May 18, 19, 20, 21, 22 and 23, 1891. They write us that their last combination sale was sufficiently successful to induce a number of breeders to request a second sale. They already have a good number of entries, and the indications are that the coming May sale will surpass that of last year, as they have taken advantage of the annual meeting of the Overland Park Association, which convenes at Denver, Friday, May 22.

The fourth annual sale of Aberdeen-Angus cattle by J. H. Rea & Sons, R. B. Hudson & Sons and W. J. Turpin, is set for Wednesday, April 8, at the fair grounds, Carrollton, Missouri. As will be seen by referring to their advertisement elsewhere in our columns, they have very fine "doddies" of the most desirable families, the pedigrees of which trace from the most celebrated sires and dams. The undivided merit of the offering is extra good, and all parties contemplating making a purchase of this hornless breed of beef producers should not fail to write for catalogue, not failing to mention the old reliable KANSAS FARMER.

A. B. Matthews' great sale of Aberdeen-Angus cattle is set for Friday, April 3, at his Little Blue, Missouri, farm. Mr. Matthews' herd is considered the largest of this valuable kind of cattle in America, the foundation of which was personally selected by him nearly eleven years ago, since which he has from time to time purchased, in Scotland and America, the tops both as to pedigree and individual merit. The success of the "doddies" at the prominent fairs of the world has undoubtedly demonstrated the fact that for choice beef and early maturity they reign without a rival. As the display advertisement of this sale elsewhere in the KANSAS FARMER is so complete, further comments in this notice is unnecessary. Do not fail to send for catalogue, and mention the KANSAS FARMER.

The Cattle Raisers Association of north western Texas convened in annual session at Dallas, Tuesday, April 10, with a large attendance. Among the important matters considered were the reports of the protective and detective departments, showing them to have succeeded admirably in protecting the interests of members during the last year. The association has an inspector at St. Louis, one at Chicago and another at Kansas City. These inspectors recovered cattle which had passed beyond the reach of owners, as follows, during 1890: At Chicago, 265

head, valued at \$4,582; Kansas City, 274 head; St. Louis, 106 head, valued at \$2,071; miscellaneous, 199 head, valued at \$2,923. Many thefts have been prevented and the scheme is expected to break up cattle stealing, by the car or train load, completely. A large delegation of cattlemen from Kansas were present, much interested in the meeting.

Vladimir.

Our first page illustration is a representation of one of the best of that valuable breed of horses that comes from La Perche. Vladimir 8852 (13381) is a black Percheron weighing 1800 pounds; foaled February 2, 1886; imported in 1888, and has been at the head of the stud at Wolf Creek Stud Farm, and owned by Mr. Wm. Ernest of Graf, Nebraska for two years. His owner has on several occasions refused a large price. Undoubtedly he is one of the handsomest Percheron stallions that has ever crossed the water, and his breeding is of the best, giving him a strong dash of brilliant blood in his veins. His colts are uniformly black, and show the splendid style and action of their sire.

The "Wolf Creek" stud can also boast of a fine string of young horses of the best breeding and thoroughly acclimated. Last year's importation shows some surprisingly fine young horses, and prospective buyers have only to see them to admire them. Several representatives of the French Coach breed are to be seen also at "Wolf Creek," combining size, style and action, making the typical carriage horse.

A visit to this breeding establishment will well repay any lover of fine horses, and they will find Mr. Earnest a pleasant, accommodating gentleman. At least send to him for his new catalogue for pedigrees and other information.

A man who has practiced medicine for forty years, ought to know salt from sugar; read what he says:

TOLEDO, O., Jan. 10, 1887.

Messrs. F. J. Cheney & Co.—Gentlemen:—I have been in the general practice of medicine for most 40 years, and would say that in all my practice and experience have never seen a preparation that I could prescribe with as much confidence of success as I can Hall's Catarrh Cure, manufactured by you. Have prescribed it a great many times and its effect is wonderful, and would say in conclusion that I have yet to find a case of Catarrh that it would not cure, if they would take it according to directions.

Yours truly,

L. L. GORSUCH, M. D.,
Office, 215 Summit St.

We will give \$100 for any case of Catarrh that cannot be cured with Hall's Catarrh Cure. Taken internally.
F. J. CHENEY & Co., Props., Toledo, O.
Sold by Druggists, 75 cents.

A Wonderful Remedy.

GEO. G. STEKETEE: I used one package of your Steketee's Hog Cholera Cure on a very sick hog. Your wonderful remedy cured it. I have one more just taken sick; can hardly use his legs. Send me one more package.

A. RUKEMA.

McCracken Ave., Muskegon, Mich.,
March 12, 1891.

A word to the Professors and Horse Doctors: I challenge one and all of you that neither of you can cure what Steketee's Hog Cholera Cure can cure, either hogs or horses. Worms are the cause, gentlemen, of nearly all sickness among hogs and horses. My price is 50 cents at your stores, or 60 cents by mail. Buy it at your stores if possible; if not, I will send on receipt of 60 cents. Address G. G. Steketee, Grand Rapids, Mich.

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.

As of interest to provident, forehanded people, we commend the advertisement of "Free Sugar," by H. R. Eagle & Co.

HAIR ON THE FACE, NECK, ARMS OR ANY PART OF THE PERSON

QUICKLY DISSOLVED AND REMOVED WITH THE NEW SOLUTION

MODENE



AND THE GROWTH FOREVER DESTROYED WITHOUT THE SLIGHTEST INJURY OR DISCOLORATION OF THE MOST DELICATE SKIN.—DISCOVERED BY ACCIDENT.

In COMPOUNDING, an incomplete mixture was accidentally spilled on the back of the hand, and on washing afterward it was discovered that the hair was completely removed. We purchased the new discovery and named it MODENE. It is perfectly pure, free from all injurious substances, and so simple any one can use it. It acts mildly but surely, and you will be surprised and delighted with the results. Apply for a few minutes and the hair disappears as if by magic. It has no resemblance whatever to any other preparation ever used for a like purpose, and no scientific discovery ever attained such wonderful results. IT CANNOT FAIL. If the growth be light, one application will remove it permanently; the heavy growth such as the beard or hair on moles may require two or more applications before all the roots are destroyed, although all hair will be removed at each application, and without the slightest injury or unpleasant feeling when applied or ever afterward. MODENE SUPERCEDES ELECTROLYSIS.

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LOCAL AND GENERAL AGENTS MODENE MANUFACTURING CO., CINCINNATI, O., U.S.A. CUT THIS OUT. MANUFACTURERS OF THE HIGHEST GRADE HAIR PREPARATIONS. AS IT MAY NOT BE OBTAINED IN YOUR CITY, YOU CAN REGISTER YOUR LETTER AT ANY POST-OFFICE AND INSURE ITS SAFE DELIVERY. (APPEAR AGAIN W. OFFER \$1,000 FOR FAILURE OR THE SLIGHTEST INJURY. EVERY BOTTLE GUARANTEED.)

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SEEDS

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In order that we may save our regular subscribers some money, and at the same time supply the very best newspapers and magazines, we have selected a few representative journals, such as are most in demand, which we offer at a very low combination rate, exclusively for subscribers of the KANSAS FARMER. If more than one paper or magazine is desired, in each case subtract one dollar from the combination rate, the remainder representing the amount to remit for that particular one. We can only supply sample copies of the KANSAS FARMER.

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At last, a corn shock loader, long wished for. Worth \$25; price \$13. Can be attached to any common wagon and rack. One man does all the work. The shocks are loaded any place on the wagon while it is being driven to the next shock—regardless of mud, snow or frost. No backing to a shock. It is handy, easy and quick. No difference whether hand or self-shocking machine-made shocks. It is a good thing in nice weather and a better thing in bad weather. Guaranteed to do good work or no pay. (Patent applied for.) D. H. GOOD, Canada, Kas.

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If you are contemplating a trip for business or pleasure it will be well to remember that the Burlington Route is still the favorite. Her old established line to Chicago hardly needs more than a mere mention for the reason that every man, woman and child in the country is so familiar with the fact that over this line runs the famous solid vestibule "ELI," with its splendid Pullman sleepers, chair cars and dining cars.

Your attention is now called to our Double Daily service between Kansas City, Atchison, St. Joseph and St. Louis. Heretofore we had but one daily train from the Missouri river to St. Louis, that being a night train, placing passengers in St. Louis in the morning in time for breakfast and all Eastern connections, but on account of the increasing demand another train has been put on and now leaves Kansas City, Atchison and St. Joseph in the morning, placing the passenger in St. Louis in the early evening of the same day.

Omaha and Council Bluffs are put in rapid communication with the lower Missouri river points by two superb daily trains, one leaving Kansas City late in the morning and the other in the evening, making the run from Kansas City in about eight hours. The morning train carries a through buffet sleeping car to St. Paul and Minneapolis, placing the passenger in the twin cities twenty hours after leaving Kansas City.

For further information, call on or address H. C. Orr, G. S. W. P. A., 900 Main St., Kansas City, Mo., or A. C. DAWES, G. P. & T. A., St. Joseph, Mo.

Special Offer.

We have special arrangements with the publishers of the Weekly Capital, the official State paper, a large 12-page weekly newspaper with full dispatches and State news, price \$1. We can supply both the Capital and the KANSAS FARMER one year for only \$1.50. Send in your orders at once.

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.

Free Sugar!

We have bought ten Carloads, to be delivered to us April 1. We are now taking orders to be shipped that date.

GRANULATED, 340 pounds in barrel, at 4½ cents per pound.

ANTI-RUST, light colored, in 100-pound bags, at 4 cents per pound.

This latter is the one we have been selling with such success for the past year, and was the first stab given the Trust. Both are Standard quality and prices named are for full packages only; if in smaller quantities prices are ¼ cent per pound more.

Money to be sent with order in all cases.

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The Breath of Spring is in the Air.

Time to practice EASTER MUSIC, is it not?

Send for our Fine List of Carols, Anthems, etc., or for Easter Alleluias [5 cents, 50 cents per dozen], Rosabell, or Our Easter Offering [15 cents, \$1.44 per dozen], a Cantata by Lewis.

MUSICAL SOCIETIES

should wind up the season by practicing such Cantatas as Don Munio [1.50, \$13.50 per dozen], Week of Hesperus [35 cents, \$2.40 per dozen], St. Paul [60 cents, \$5.40 per dozen] Ballad. [Send for our List of 150 Cantatas.]

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are made successful by introducing easy Cantatas, like Dairy Maid's Supper [20 cents, \$1.80 per dozen] Lewis, or Garden of Singing Flowers [40 cents, \$3.60 per dozen], or Rainbow Festival [20 cents, \$1.80 per dozen] Lewis.

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who sing will be delighted to take part in the brilliant flower cantata, New Flora's Festival [40 cents, \$3.60 per dozen], New Flower Queen [60 cents, \$5.40 per dozen], Kingdom of Mother Goose [25 cents, \$2.18 per dozen], Glispy Queen [60 cents, \$5.40 per dozen]. Send for Lists.

Much attractive Exhibition Music is found in School Collections.

Children's School Songs [35 cents, \$3.60 per dozen], Golden Boat [50 cents] charming action songs by Mrs. L. O. Chant, First Steps in Song Reading [30c., \$3 doz.].

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reduced 15 to 25 pounds per month. Mrs. Mary Hamme, of Rose, Washington, says: "I lost 25 lbs. in 2 months. My pains were gone, and I breathed easy and naturally. Treatment pleasant."

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EXCELSIOR Simple, Perfect and Self-Regulating. Hundreds in successful operation. Guaranteed to hatch a larger percentage of fertile eggs at less cost than any other incubator. Send 6c. for illus. Catalogue. Circulars free. GEO. H. STAHL, QUINCY, ILL.

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.

If I Had Known.

If I had known in the morning
How wearily all the day
The words unkind
Would trouble my mind
I said when you went away,
I had been more careful, darling,
Nor given you needless pain,
But we vex "our own"
With look and tone
We might never take back again.

For though in the quiet evening
You may give me the kiss of peace,
Yet it might be
That never for me
The pain of the heart should cease.
How many go forth in the morning
That never come home at night;
And hearts have broken
And harsh words spoken
That sorrow can ne'er set right.

We have careful thoughts for the stranger
And smiles for the coming guest;
But oft for our own
The bitter tone,
Though we love "our own" the best!
Ah! lips with the curve impatient,
Ah! brow with that look of scorn,
'Twere a cruel fate
Were the night too late
To undo the work of the morn!
—Margaret E. Sangster.

Labor.

Labor is life! 'tis the still water falleth;
Idleness ever despaireth, bewalleth;
Keep the watch wound, or the dark rust assall-
eth;
Flowers droop and die in the stillness of noon.
Labor is glory!—the flying cloud lightens;
Only the waving wind changes and brightens,
Idle hearts only the dark future frightens,
Play the sweet keys wouldst thou keep them in
tune.
—Frances S. Osgood.

AN ALLEGORY.

It is January, 1891. To-night, as I draw my chair closer to the stove and replenish the fire, without, wave after wave, the cold north wind, snow-laden, beats against the house and then sweeps on howling across the plains like a hungry wolf. Taking up a magazine, I open to an article headed "A Cooled-off World." What! our world? And I shiver at the thought, for it seems cold enough to take up its silent death march among the dead worlds. But no! 'tis only the moon as she swings through space, her volcanic fires burnt out, her face set thick with extinct volcanic mountains and yawning craters, like some human edifice whose evil passions have exhausted themselves with fierce burning, leaving the awful record in the scarred face, cold and silent in death. Aye, there's a lesson to be read in the face of the dead moon. But there she swings, piercing the darkness with reflected rays, waiting for the time when we, too, a frozen ball, will swing round our orbit with her. Did I say we? Where will we be then? Where will all animal nature be? And without the cold wind shrieks, weird and solemn, where! where!

Was that the voice of nature? It must have been. I shiver, sitting there. I seem to be slowly caught up to an altitude from whence I see the earth, like a silver ball, whirling through space, while the zodiacal constellations, like sentinels, keep their eternal vigils around her orbit. On, on she whirls, 1,100 miles a minute, 1,400 feet a second; on, leaving the winter solstice far behind, she passes Leo and Libra, where for a moment she trembles in the balance, then plunges through the vernal equinox, storm-tossed, and driven by that unseen, unfailing force. Again I am on the earth. Months seem to have passed. The sun mounts higher and higher, but the earth only reflects the light, like a sea of ice. We are whirling on toward the summer solstice, but the verdure still sleeps, there's no warmth to quicken the dormant powers, the trees wake no more to their summer fruitage. The earth yields no more food for man or beast; then, through famine, I see animals devouring each other, the strongest surviving, to be in turn destroyed by a stronger species. The evolution theory reversed; nature undoing her work of ages, and with what awful haste.

One after another the species drop out of existence; but men, with their insatiable thirst for gold, hoard up provisions and sell for money, and fast as the money is exhausted, the people, too, die. The great producing masses die first, of famine and cold, until none but the most selfish and avaricious remain. And I seem to

hear on every side the voice of nature crying, "The world is dying, dying, dying."

I look again. The great masses are at rest; the great marts of industry are silent—the wheel, the loom, and the forge. Everywhere I pass I hear but the empty echoes of my own footsteps. Governmental powers are no more; her halls stand empty; her records, there are none to read. The mental powers that once made the elements subordinate to their will are no more. The great ships rock themselves to pieces on the waves, and rust is fast reducing the locomotive and the electric batteries to their primitive elements. And the earth rolls on, cold and silent.

Hark! a voice—"A million for a morsel of bread!" And the words are caught up and reverberated with fearful distinctness around the empty earth. Whence came that voice? I look, and behold the worshippers of Mammon sitting on huge piles of gold and silver and bank notes, glaring at each other like hungry wolves. Ambition, pride, avarice, all swallowed up in that one agonizing want—hunger. The wolf had at last found the rich man's door, and the terrible dread of death is on him, and his god—money—has no more power in the earth. Is this, I ask, human nature reduced to its primitive condition? and were all its attributes, both noble and ignoble, the results of condition? Was there no cause why these conditions existed, or ceased to exist? To what purpose could nature, dumb as this, evolve intelligences to rein her, as the rider his steed, and then dissolve them?

This, then, is life's opposite. The winter of the ages eternally is. Death reigns; but where is life, warm, beautiful life, with its attribute, intelligence? Not here. I looked again, and lo! a bow of seven-hued glory spans the earth and sky, and on it written "Though heaven and earth shall pass away, yet my word shall not pass away." I awoke with a start, to find I had been dreaming, and the fire out, and the winter winds still howling across the prairie.
M. J. HUNTER.

Woman's Work in the Grange.

As immediately connected with and very much dependent upon the subject under discussion for the past two months of "Equal Suffrage," we think that "Women in Agriculture" might be discussed by our sub-Granges with great profit to the members of our order.

And we would that the elevating thoughts that come from careful study of these great subjects might reach outside our order and permeate and enlighten the society in which we are called to move.

Not only of the order of the P. of H., that has done so much to elevate women to the proper place in which God intended she should move, are we justly proud, but our noble State stands head and shoulders above all or any of her sister States in this work of reform. Through these combined agencies new fields of usefulness are continually opening to us, which calls for better culture to be prepared for these new and added responsibilities.

Let us prove ourselves equal to the trust reposed in us and shrink not from entering and occupying these new fields, that we may keep pace with the advanced thought of our order and State.

Upon the farm we must be intelligent, cheerful and happy, surround and familiarize ourselves with good books and current literature, and thus show to our children that the acme of perfect bliss does not consist in abandoning the farm.

Our work connected with the agricultural classes cannot be ignored, and its success depends largely upon our efforts. Let us not be recreant to our trust, and await the growth of intelligence of an enlightened people for our reward.

In presenting the subject of "Women in Agriculture," we would submit the following questions for discussion, and suggest that each Grange appoint some member to write an essay on one of the subjects:

How to lighten household duties and prevent drudgery.

How to interest the young in work and country life.

How to best promote social culture in the neighborhood and improve the standard of society.

N. B.—This is the last leaflet of this quarter. The committee of each subordinate Grange is urgently requested to send report of the discussion of the leaflets to Mrs. B. A. Otis, Chairman,
Topeka, Kas.

Woman's Influence in the Alliance.

The St. Louis *Globe-Democrat* publishes the following from ex-Congressman Wm. A. Phillips, of Salina:

"The secret of the success of the Farmers' Alliance in Kansas was the interest of the women in the movement. Women were taken into the Alliances and were given an equal voice with the men. They became thoroughly aroused, and they held the men together in the cause. I remember making a speech at a certain place during the campaign. Usually the Alliance members remained away from our Republican meetings, but at this gathering many of them were present. I delivered the strongest presentation of the claims of the Republican party I was able, for the opportunity was exceptional. I thought I had made something of an impression; but shortly before I closed a big woman got up in the front part of the assemblage. She struck her hands together and exclaimed: 'You may say what you like. You may say what you like. You may say what you like. We are ruined by mortgages. Your party has done nothing for our relief. That's all there is of it.' She walked out. The effect of my long argument in behalf of Republicanism was swept away in a moment. I could see the influence of her words upon the Alliance people. For my part, I don't care how soon women are given the ballot in Kansas."

208 Young Women!

An Indiana girl has taken the prize of \$200 offered by the *Cosmopolitan Magazine* for "the best article of 4,000 words descriptive of farm life, with suggestions as to the best method of making farm life attractive and happy, only farmers' daughters being permitted to enter the competition. The design of the *Cosmopolitan* was to draw out an expression of opinion as to the important problems of happiness and discomfort on the modern farm, and it was so successful that more than 200 manuscripts, very many of them ably prepared, and representing nearly every State and Territory, were sent in. The prize was awarded by Prof. H. H. Boyeson and the editor of the *Cosmopolitan*, the final committee of award, to Miss Jennie E. Hooker, of McCutchanville, near Evansville, Ind. Her article will appear in the April number of the *Cosmopolitan*, and the same number will contain a very interesting article on the Farmers' Alliance, by the newly-elected United States Senator Pepper, of Kansas. The *Cosmopolitan* is one of the few periodicals which, while gaining circulation in the cities more rapidly than in the country, yet devote special attention to all matters pertaining to the farm. Taking the prize over so many competitors, doubtless Miss Hooker's article will present numerous ideas well worth the consideration of those who find their happiness or discomfort within the limits of farm homes.

Good Things from "Good Housekeeping."

Salt dissolved in alcohol, gin, or ammonia, will take out grease spots.

To cool earthenware or glass quickly, place the article in cold salt water.

A teaspoonful of salt, put into a kerosene lamp, will improve the quality of the light. Brass utensils may be kept beautifully bright by an occasional rub with salt and vinegar.

Damp salt will take off the discolorations on cups and saucers caused by tea and careless washing.

Salt in whitewash adds to its sticking properties. Salt and vinegar will beautifully clean the mica in stove doors.

When washing black articles, it is well to add quite a bit of salt to the water; it will tend to set the colors, and prevent them running.

Salt and water will thoroughly clean straw matting and willow furniture that have not been stained or colored. Apply with a nail-brush.

Remove iron rust or ink spots by moistening the spots with salt and cream of tartar, or salt and lemon juice, exposing to full heat of the sun.

Mildew may be removed by rubbing common yellow soap on it, then salt and starch over that; rub all in well and lay in the bright sunshine.

One can make a carpet look much cleaner and brighter if, just before sweeping, she would throw some damp salt upon it; or, after a carpet has been swept, wipe it over with a cloth or sponge wrung out of clean salt water; this will remove that

What is Scrofula

It is that impurity in the blood, which, accumulating in the glands of the neck, produces unsightly lumps or swellings; which causes painful running sores on the arms, legs, or feet; which develops ulcers in the eyes, ears, or nose, often causing blindness or deafness; which is the origin of pimples, cancerous growths, or many other manifestations usually ascribed to "humors." It is a more formidable enemy than consumption or cancer alone, for scrofula combines the worst possible features of both. Being the most ancient, it is the most general of all diseases or affections, for very few persons are entirely free from it.

How can it be cured? By taking Hood's Sarsaparilla, which, by the cures it has accomplished, often when other medicines have failed, has proven itself to be a potent and peculiar medicine for this disease. For all affections of the blood Hood's Sarsaparilla is unequalled, and some of the cures it has effected are really wonderful. If you suffer from scrofula in any of its various forms, be sure to give Hood's Sarsaparilla a trial.

Hood's Sarsaparilla

Sold by all druggists. \$1; six for \$5. Prepared only by C. I. HOOD & CO., Apothecaries, Lowell, Mass.

100 Doses One Dollar

dusty look which so soon gathers on freshly-swept carpets, and will brighten the colors. A cupful of coarse salt to a basin of water is the right proportion.

For faded green blinds, rub on a little linseed oil.

Put bits of camphor gum in trunks or drawers to prevent the mice from doing any injury.

To freshen leather chair seats, valises, bags, etc., rub them with the well-beaten white of an egg.

To prevent tin pans from rusting, rub fresh lard on them, and set in a hot oven until thoroughly heated.

Soak clothes, that fade, over night in water in which has been dissolved one ounce of sugar of lead to a pailful of rain water.

When washing fine white flannels, add a tablespoonful of pulverized borax to a pailful of water. This will keep them soft and white.

To banish red ants from the pantries, strew whole cloves around the shelves. The same is also considered a good moth exterminator.

To keep flat-irons clean and smooth, rub them with a piece of wax done up in a cloth, then scour or rub them on a paper strewn with coarse salt.

Oil of turpentine, or benzine, will remove spots of paint or varnish from cotton or woolen goods. They should be washed in soap-suds after the application.

If paint has been splattered on window-panes, wet the spots with water and rub thoroughly with a new silver dollar; or they may be washed with hot, sharp vinegar.

To set delicate colors in embroidered handkerchiefs, soak them ten minutes before washing in a pail of water in which a dessertspoonful of turpentine has been stirred.

When a stove is cracked, a cement may be made of wood ashes and salt, in equal proportions, mixed to a paste with cold water. Fill the cracks with this when the stove is cool, and it will soon harden.

Steel pens are destroyed by the acid in the ink. If an old nail or steel pen is put in the ink, the acid therein will exhaust itself on them, and pens in daily use will remain in good condition much longer.

When mattresses are stained, take starch wet into a paste with cold water. Spread this on the stains, first putting the mattress in the sun. In an hour or two rub this off, and if not clean, repeat the process.

To clean hair-brushes, put a tablespoonful of ammonia into tepid water, dip them up and down until clean, then dry with the bristles down. In the place of the ammonia, they may be cleaned by using a teaspoonful of soda.

Ivory may be bleached by placing it for an hour in a solution of alum; then polish it with a piece of woolen, and wrap it in linen to dry. Another method is to take peroxide of hydrogen, and to one pint of it add one ounce of aqua ammonia. Warm it and soak the ivory in it for twenty-four hours; then dry and polish with chalk.

Hall's Hair Renewer is free from alcohol and dyes that injure the skin. It is scientifically prepared, and will restore gray hair to its original color and vigor.

St. Jacobs Oil

CURES
BRUISES,
FROST-BITES,
INFLAMMATIONS
—AND ALL—
HURTS AND ILLS
OF MAN AND BEAST.

TOKOLOGY Complete LADIES GUIDE
Alice B. Stockham, M. D.
The very best book for AGENTS. Sample pages free
Prepared by A. B. Stockham & Co., 157 La Salle St., Chicago

The Young Folks.

A Dream of the Sea.

A farmer lad in his prairie home
Lay dreaming of the sea;
He ne'er had seen it, but well he knew
Its pictured image and heavenly hue;
And he dreamed he swept o'er its waters blue,
With the winds a-blowing free,
With the winds so fresh and free.

He woke! and he said "The day will come
When that shall be truth to me;"
But as years swept by him he always found
That his feet were clogged and his hands were
bound,
Till at last he lay in a narrow mound,
Far from the sobbing sea,
The sorrowing, sobbing sea.

Oh, many there are on the plains to-night
That dream of a voyage to be,
And have said in their souls, "The day will
come
When my bark shall sweep through the drifts
of foam."
But their eyes grow dim and their lips grow
dumb,
Far from the tossing sea,
The turbulent, tossing sea.
—Albert B. Paine.

The Children.

Ah! what would the world be to us
If the children were no more?
We should dread the desert behind us
Worse than the dark before.
They are better than all the ballads
That ever were sung or said,
For they are living poems,
And all the rest are dead.

Joy.

Not by appointment do we meet delight
And joy; they heed not our expectancy;
But round some corner in the streets of life,
They on a sudden clasp us with a smile.
—Gerald Massey.

THE "SCRAMBLE FEAST" OF AJMEER.

"You've come just in time, Mr. Ker, for this is the day of our 'Scramble Feast,'" said my friend Colonel B—, as he and I jolted in a rickety *gharri* (hack carriage) through the crooked, dirty, uneven streets of Ajmeer—one of the great towns of western India—accompanied by his two boys, fresh from their school in England.

"And what sort of feast may that be?" I asked.

"You'll soon see," replied the Colonel; "and I doubt if in all your travels you've seen anything to match it."

A few minutes later we got out of our carriage at the gate of the Dargah—a cluster of buildings just outside the southern quarter of the city, erected to mark the burial-place of a famous native saint, Kwaja Sahib by name, who died in 1235.

At the farther end of the great courtyard stood the tomb itself—a low, square, domed building, with two doorways, one of which was inlaid with silver. For hundreds of years it had been a chosen place of pilgrimage for the whole country round, and now it seemed as if all the pilgrims in the kingdom had fixed upon this particular day to pay it a visit, for the courtyard was full to overflowing.

The pilgrims themselves were a striking spectacle, though certainly far from an agreeable one. Nearly all of them were as ragged and dusty as the lowest beggars of Italy or Spain, and not a few were terribly deformed, either by disease or by the sufferings which they had inflicted upon themselves in honor of their saint. Maimed hands, crippled feet, sightless eyes, and bowed, misshapen figures were seen on every side, and the sight was so unpleasant that I was glad to have my attention diverted from it by a vast cloud of steam which at that moment began to rise from the eastern end of the courtyard, whither all eyes were now turned in eager expectation.

"I say, Ned," cried Harry B— to his brother, "there's something jolly good cooking there, whatever it is."

"First-rate," said Ned, sniffing. "Smells like rice pudding, doesn't it?"

"That's just what it is," said their father, smiling; "it's the biggest rice pudding in the world."

In fact, when we drew nearer, I saw, to my amazement, that what I had hitherto taken for two huge iron water-tanks at the far end of the court, were really monster cooking pots, from which rose the savory steam that had so much delighted the boys.

The larger of the two pots—which was nearly twice the size of the other—was considerably bigger than an ordinary breakfast-room, and would easily have accommodated a dinner party of twenty guests, waiters and all. Colonel B— told me that the "Great Deg," as the bigger pan was called, held 10,000 pounds of rice, and the Little Deg 6,000, besides oil, sugar and spices in proportion.

"But can these fellows really eat 16,000 pounds of rice at one meal?"

"You haven't seen 'em all yet," replied

B—; "there are plenty more guests still to come. After all the pilgrims have been served, the servants and hangers-on of the Dargah get their share; and then the men of the Indrakot suburb, through which we passed just now, have a hereditary right to scramble for what is left, from which the festival gets its name of 'Scramble Feast;' and then, after that— But I mustn't tell you all about it beforehand, for that would spoil the fun."

A sudden stir was seen to run through the crowd, which surged forward round the two giant pots in a great wave of dark faces and struggling arms; and at the same moment several of the servants of the Dargah, mounting upon ladders placed for the purpose, with long wooden ladders in their hands, began to serve out the steaming mess, which the pilgrims received in gourds, wooden bowls, brass vessels, or even in the hollow of their joined hands.

And now the excitement of the show began in earnest. Not a little of the rice was spilled on the ground, for the collisions were endless between those who had already received their allowance and those who were pressing forward to get theirs, and in a trice the whole courtyard was one great whirlpool of scrambling and jostling and fighting, which fully bore out the name given to the festival. In the confusion I saw more than one man receive the hot rice all over his face and arms instead of in his bowl, which made him scream and caper like a scalded cat.

While this talk was going on, the crowd had been thinning fast, nearly all the pilgrims having been served by this time. But a stranger sight than all was still in store for them, and they had not long to wait for it.

"Look! look!" shouted Ned, suddenly. "See those fellows yonder swathing themselves up like babies in those long cloths! Aren't they a queer sight?"

Sure enough, a number of men on the other side of the courtyard—which was now emptying fast, the rush being well-nigh over—were wrapping themselves up so closely in long white shrouds that nothing was left visible but their eyes, and it seemed as if a legion of ghosts had arisen before us in their winding sheets.

Just as the last of the Indrakot men were fling off with what rice they had been able to seize in the scramble, the shrouded men came across the courtyard as best they could; for most of them were so closely swathed that they were hardly able to walk. They mounted the ladders placed against the rice pots, and, protected by their wrappings, actually went right down into the two great iron caldrons, which were still burning hot—for such a huge mass of metal requires many hours to cool—and were instantly hard at work scraping off and eating the rice and sugar that had stuck to the sides.

In spite of all their precautions, not a few of these persevering dish-scrappers received some pretty severe burns while thus engaged. But they did not emerge again from the pots till the last morsel of the pudding had been scraped up and devoured; and this was the last scene of one of the most extraordinary ceremonies that I have ever witnessed. —David Ker, in *Harper's Young People*.

City or Country Life?

A desire comes to our young folks on the farm, just as it has to tens of thousands of other country boys and girls during the past hundred years, to leave the old home farm and get fame and riches in the city.

The supposed pleasures and ease of city life mislead not only the younger boys, but the thirty and forty-year-old boys are apt to become dissatisfied with the laborious existence on the farm; and, forgetting they possess a sure means of livelihood on the old homestead, they exchange it for a few dollars which, it is fondly hoped, will be the basis of immense fortune in the city. But, alas, these few dollars are soon absorbed by the many waiting ones in the large cities, whose means of subsistence consist in the fishes from the farm which swim into their ever open net. The former hard-working, yet independent, farmer then becomes again a hard-working, but not independent, man. He then for the first time thoroughly realizes what hardship in life is, and he sorrowfully returns to become a renter of somebody's farm or remains in the city an everybody's servant. He is apt, in either case, to join with those who desire the downfall of the more fortunate than themselves; and never afterward will life present to him one-tenth of the satisfaction and pleasure

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afforded him on the old farm, where he thought life was so bitter and not worth the living.

Boys had better "stick" to the old farm, unless, like in cases of thousands before them, they are crowded out of the old nest by reason of there being too many in it. In such a case there may be no alternative, and the farmer boy finds nothing but the whole world before him. The city possibly will afford him the best place to show of what mental and physical metal his "make-up" consists. A view of all our large cities and their histories will demonstrate that a very large portion of what is best and noblest therein, was produced by efforts of just such farm boys—boys with nothing but everything nature gave them to battle life with. Still, with all such glittering possibilities—possibilities that have resulted in great realities with thousands of other farm boys—the fact remains just the same, that those who have something on a farm, though that something may be seemingly insignificant, will find it best to stay by the old farm, and labor and enjoy the fruits of contented labor.

The following, from the New York Tribune, presents a morsel for thought for farm boys, both old and young:

"Who of the army of the restless—'fortunate farmers if they did but know it'—will lay to heart at the acceptable time these wise words, from the *Forum*, by President Eliot, of Harvard University? Nevertheless we will print them, that readers beguiled by the enchantment of distance may be fairly warned anew: 'Scarcely one person in 10,000 betters himself permanently by leaving his rural home and settling in a city. To most such a change means increase in anxieties, in uncertainties of livelihood, in the nature and hours of labor, and in the hardships and wearing burdens of existence. Life may have less color in the country, but it has more calm, less bustle and excitement, but more depth and true satisfaction; less brilliant rewards for the few, but more lasting happiness for the many.' N.

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The daily newspapers say that both the Senate and the House will issue their manifesto to the people. If the Senate will represent the course which they pursued during the session they will label their manifesto, "Keep the hay seeds down."

Don C. Donan, of Cedar Rapids, Iowa, has disposed of his interest in the *Iowa Farmer and Breeder*, and is succeeded by Mr. David Brant. The work of Mr. Donan, in building up this journal, has given him quite a reputation in the West as a successful journalist.

Owing to the crowded condition of our columns, notwithstanding four extra pages have been added, we have been unable to give space to several newsy communications and other contributions. Such of the correspondence as was available is used this week and a few excellent contributions are held for future use.

The State of Kansas mourns the loss of Col. N. S. Goss, who died suddenly on the 10th inst. He was a distinguished ornithologist and a man loved by all who knew him. He has left to the State the Goss ornithological collection, which will remain in the State capital a fitting monument to his genius and generosity.

The *Kansas City Star* says: "Most of the foolish and impracticable measures in relation to securities which were introduced in the Kansas Legislature originated in the House and were killed by the Senate. On the other hand, the Senate was responsible for the defeat of the World's Fair appropriation and for the failure to provide a measure for the regulation of Kansas railroads. On the whole, it is a pretty fair stand-off between the Senate and the House."

From the extended notices given Senator Pepper by the Eastern papers it seems that he is making his presence felt and everywhere he goes receives a hearty reception and marked attentions. The "Farmers' Movement" is in touch with the people, and as its representative he is well received. The Maryland farmers who were recently addressed by the Senator express themselves as greatly pleased and encouraged by his views, and speak of him as an "able apostle of redemption from the West."

The Legislature of Illinois, on the 10th inst., finally succeeded in electing as United States Senator John M. Palmer, the Democrat candidate. Two of the F. M. B. A. members came to his support, and the long and tiresome contest was ended. Mr. Palmer was undoubtedly the choice of a majority of the voters of that State. This election should convince the country that United States Senators should be elected by a direct vote of the people, and put a stop to so much extravagance and political machinations.

THE LEGISLATURE ADJOURNED.

The Kansas Legislature adjourned *sine die* on the 13th inst., and the country is still safe, notwithstanding the silly croakings of old party advocates who predicted that the farmer legislators would ruin the State. In their foolish eagerness to anticipate the ruin of Kansas' credit, they spread the news broadcast throughout the country, and by that very act did more to demoralize the credit of Kansas than the Alliance ever has or ever will do by any alleged calamity legislation. It was folly to presume that the farmers felt less interest in the good name of Kansas than any other class of citizens. While the *Capital* and some of the other partisan papers have been doing all in their power to injure the credit of Kansas by trying to make it appear that the people of this State are repudiators, the fact remains that Kansas people are just about as honest and anxious to pay off their mortgages as are the people of other States.

During the session there were in all 1,274 bills introduced, 854 of which originated in the Senate. Of this number 254 became laws. It is a fact that no previous Legislature ever introduced so many good bills as did this one. The Senate was a Republican body and the House consisted mainly of People's party representatives, or farmer members, and they were arrayed against each other, making it difficult to enact legislation which they were pledged to do. The Senate made it a point to steal the Alliance thunder and in many cases to block needed legislation which did not originate in that body. The Senate was the especial friend of monopoly and particularly hostile to financial legislation. The *Kansas City Star*, in reviewing the work of the Legislature, says:

The farmers in the House cannot be held responsible for the failure of legislation providing for the regulation of the Kansas railroads, and a fair adjustment of rates of transportation. This was one of the reforms which the Alliance set out to accomplish, and, as it was a movement which closely concerned the farming class, it was hoped that some result might be attained which would leave a more generous margin on the products of the soil after paying the cost of their transportation to market. That there were serious crudities in the Elder railroad bill which passed the House, no one who is familiar with the measure will deny, but it might have been properly amended in the Upper House and referred to a committee of conference with the chance of obtaining an equitable law. But the Senate was clearly opposed, from first to last, to imposing any restrictions on the railroads, and the monopoly party, which had every member of the Upper House but two, was true to its record.

Besides the railroad and financial legislation which passed the House and was killed by the Senate, there were the Australian ballot bill, the equal suffrage bill, and the bill fixing county salaries, which failed to become laws.

It is gratifying to note, however, that not all the meritorious bills and joint resolutions were killed by the chronic disagreement of the House and Senate. Some of the most important measures which became laws were the banking bill, the irrigation bill, the alien land bill, the bill making September 1, "Labor Day," a legal holiday, the eight-hour bill, the quarterly payment of taxes, the board of public works bill, the chinch bug experiment station bill, and a bill appropriating \$50,000 for destitute farmers in western Kansas.

Among other bills of more or less general interest which have become laws are the following: One authorizing wholesale druggists and dealers in photographic supplies to sell alcohol at wholesale to druggists and photographers for medical or scientific purposes; another prohibiting the sale of intoxicating liquors to inmates of national or State soldiers' homes; another prohibiting the editing, publishing, circulating and selling of newspapers and other publications devoted to scandal; another regulating warehouses, the inspection, grading, weighing and handling of grain; another prohibiting county commissioners from designating any newspaper as the official county paper which has not been published continuously for one year; another providing that appeals from the police court of a city of the first class to the District court and from there to the Supreme court may be taken by the city upon a judgment for the defendant on quashing a complaint, upon an order of the Police Judge arresting the judgment, and upon a question reserved by the city.

Speaker Elder made a great record as a

presiding officer for the dispatch of business, and in a speech made in the closing hours claimed that the House had saved the people nearly a million dollars in the appropriations for the next two years.

The failure to pass the appropriation for the World's Fair bill is regarded as very unfortunate, and the Senate is trying to put the blame upon the House for its failure. The conference committee could not agree upon the political complexion of the Commissioners, and therefore it was left off the miscellaneous appropriation bill, and the Senate committee cannot escape their responsibility in the matter. The failure to provide the appropriation at this time, as a matter of fact, will not prevent an exhibit from this State. The people will now feel it incumbent to take hold of the matter and do the necessary preliminary work, and the next Legislature will provide the necessary funds and will not have to guess at the amount needed. Kansas will be well represented at the World's Fair without doubt.

In subsequent issues of this paper the public will be informed more in detail regarding measures of general interest which became laws, also something of the true inwardness of the different branches of the Legislature.

THE WORK OF THE LEGISLATURE.

Doubtless a great many people are disappointed at the outcome of this session of the Legislature, because so little was accomplished, and we doubt not the disappointment of the members themselves is greater than that of their constituents. No body of men ever worked harder than the Representatives elected by the People's party. They are honest, conscientious men, and they wasted neither time nor opportunity. But they could not do impossible things. They came up without experience, and found the upper house opposed to them on most important measures. If the Senate and House had been in harmony the work of the session would have been done rapidly and well. As it is, the people will have to be content until they have an opportunity to elect both branches. A beginning has been made. Our men have shown both intelligence and courage, and they have done all that men could do in like circumstances. We all now see the importance—aye, the necessity, of the people taking charge of all departments of the government.

This session was a school for the new members. Some of them will doubtless be returned at the next election, when they will be much better equipped for work than they were when they came this time. All things considered, they have done remarkably well, and their constituents will so determine.

CONGRESSIONAL FUNERALS.

The *KANSAS FARMER* has frequently called attention to the extravagant waste of the people's money in cases of the funerals of deceased Congressmen. There is no more authority for the use of public money in paying the expenses of a Congressman's funeral than there is for doing the same thing in the case of death of a capital policeman or day laborer. It is all wrong and ought to be stopped.

It is encouraging to know that at least one Congressman is opposed to the custom, and is not afraid to say so. Representative Oates, of Alabama, is outspoken in opposition to this way of spending the people's money. He thinks the next Congress will take action on this matter and make a change in the practice concerning Congressional funerals. He says it is certainly an abuse of the power of appropriation, if, indeed, there is any power for such a purpose, to send large committees to accompany the remains of a dead Senator or Representative to the place of interment. These committees, instead of being genuine mourners, are usually pleasure excursions or junkets at the expense of the public treasury. The funeral of Senator Beck cost \$52,000, while that of Senator Miller cost \$80,000. This train which has gone to California with Senator Hearst's remains will help to swell the cost of his funeral to \$100,000. It matters not how obscure or inconsequential a member may be, if he dies in official harness, he is expensively buried, and then eulogies are pronounced upon him. These fulsome effusions are printed in a volume, with steel engraving frontispiece, and at an average cost to people, who never heard of him, of \$20,000 for the volume.

THE ARGENTINE MONEY PLAN.

A friend inquires what is the difference between the Argentine Republic mortgage plan of raising money and the plan proposed by Senator Stanford. The *KANSAS FARMER*, some time last fall, contained a full statement of the Argentine plan, but it will do no harm to restate it now briefly. It is a scheme whereby land can be mobilized, that is, used as a means for raising money for private use. A person owning land may hypothecate it at the mortgage bank for one-half its value and receive *cedulas*, notes, secured by mortgage on the land, and then he sells the *cedulas* on the market just as men sell shares of railway stock. It is in that way the money is raised. The *cedulas* are not money and are not intended to be used as money; they are sold for money or they may be used in trade when parties agree.

Stanford's plan is that the government shall lend money to the people, taking land security, the transaction being directly between the government and the borrower. There is no mortgage bank coming between.

ALLIANCE INSANITY.

The *Journal* of Kansas City, in discussing editorially the work of the Kansas Legislature, insists that they attempted too much, and describes the efforts on the part of members of the House to secure railroad legislation as "Alliance insanity." The Alliance members had no desire to enact destructive measures against the railroads, but they certainly had a right to insist and enforce reasonable and equitable rates and prevent discrimination that were burdensome to the people. "Alliance insanity" is a happy term which the partisan and monopolistic papers have in stock to refute the argument of earnest farmers who are endeavoring to secure legislation. The farmers of Kansas will not soon forget this endearing term coined by the *Kansas City Journal*, nor will they soon forget the Senate end of the Legislature that took such pride in defeating needed legislation. The Senate, as well as the *Journal*, will be glad in the near future to make peace with the people that they have so grossly misrepresented.

EXPERIMENTS IN SUGAR.

The agricultural appropriation bill recently passed by Congress contains an item which will have special interest to Kansas sugar-makers and cane-growers. The *Washington Post* summarizes the provisions of this part of the bill, showing that the appropriation made for the ordinary expenses of this scientific inquiry is \$35,000; but, through the efforts of Chairman Funston, of the House Committee on Agriculture, \$25,000 additional was appropriated "to make a thorough trial of the method of making sugar by treating the sirup with alcohol." A provision originally reported, then stricken out by the House, and finally restored by the conferees, allows manufacturers of sorghum sugar to remove from distillery warehouses to the sugar factories alcohol in bond free of tax. It must be used, however, solely in the manufacture of sugar from sorghum. The bill says:

All distilled spirits removed, as herein authorized, shall be of an alcoholic strength of not less than 160 per centum proof, and may be removed, stored and used in the manufacture of sugar from sorghum, and when so used may be recovered by redistillation in the sugar factory of such sugar manufactured under such bonds, rules and regulations for the protection of the revenue and the accomplishment of the purposes herein expressed, as the Commissioner of Internal Revenue, with the approval of the Secretary of the Treasury, may prescribe.

There is also a provision which fixes a penalty of a fine of \$1,000 to \$5,000 and costs for the violation of the section quoted; that is, for the removal and use of liquors from bond under its provision for any other purpose than that specified.

The *Voice*, published in New York city, is devoted chiefly to temperance—it is a strong prohibition paper. We observe with much satisfaction that *The Voice* has added a new and to our minds a very useful feature, namely, agriculture. The editor is paying a good deal of attention to farm interests. This is not only proper in itself, but it is good business sense, because it will make the paper much more useful to its former readers, and doubtless there are many of them.

The monopoly that controls the money of the country controls everything else.

At St. Louis, on the 11th inst., the case of the Kaufman Milling Company against a number of railroad lines entering Texas, which was brought before the Inter-State Commerce Commission, has at last been decided against the millers of Missouri and Kansas, who were represented by the Kaufman Milling Company, and in favor of the Texas millers. The Commissioners decided that the rates charged by the respondents on wheat and flour respectively from points in Missouri and Kansas to points in Texas, which are 5 cents per hundred (and sometimes more) greater on flour than on wheat are not unjust, but that a differential exceeding that amount is a discrimination.

Senator Blair recently remarked that there ought to be more grains of silver in the dollar. Senator Stanford at once drew from his pocket a silver dollar and asked Blair to tell him the value of the silver in it. "About 73 cents," said Blair. "I will give you 99½ cents each for 100,000 of these," said Stanford, holding up the dollar, "and then duplicate the order." "Oh, it was Congress that gave it that value, though," said Blair. "Just so," replied Stanford; "nothing but Congress can make money from any material." Senator Blair is a big man intellectually, and a power in debate, but here he was so completely cornered that he could not reply to Stanford's "clinger." Even United States Senators will yet learn what money really is, and that it should be a convenient medium of exchange only, and not a commodity.

The fifteenth annual convention of the North Texas Cattle-Growers' Association has held this year at Dallas. They adjourned on the 11th inst., and next year will meet at Fort Worth. There was a greater number of practical cattlemen present than has attended similar meetings. The range cattle country all along the line of the plain from Montana to the Gulf was represented, and the report from the whole range country, with the exception of a few drought-stricken spots, was that the range cattle have been particularly well preserved during the past season. Very little suffering has been occasioned by storms and the grazing was good all through the winter. It is predicted that if cold weather holds off for the rest of the season that range cattle all along the line will be fatter and in better condition generally than usual.

Discussing ballot reform, Governor Hill, of New York, recently made some excellent suggestions. Concluding his message he said: "By recent legislation we have reduced to a minimum the opportunities for men to sell their votes, and we have stamped laws of disapproval upon the improper expenditure of money by candidates for office. Shall we not go still further and compel the forfeiture of an office when the incumbent or his political agents can be proved to have employed illegal means to secure his election, irrespective of the size of his majority? Under English laws, when fraud or corruption is proved, the election becomes void and a new writ of election is issued, and so the process may go on until no dishonest practices in an election are proved. Whether that is advisable in this country or whether the law should provide in case of proof or corruption that judgment should be rendered in favor of the candidate receiving the next highest number of votes and so on, I submit to your intelligent deliberation."

A Word About Evil.

We have just unearthed a bit of old manuscript sent in by a friend some months ago. It has a good thought in it, and we give it herewith, as follows:

"From whence comes evil, and why is man subjected to contending, antagonistic forces? Evidently good and evil are co-eval and co-existent, either being a possible condition for all created intelligences endowed with a moral nature and freedom of will, and evil, as an active principle, comes into the lives of any order of beings only through and by disobedience. It could not be otherwise; and there is a sense in which that is right. Evil is to be met, resisted, and overcome as the means in a proper and natural development. The finite cannot understand the infinite, and man will never comprehend all things. Man in all his parts is a developing being, with a limitless capacity for an increase of knowledge. The domain of

knowledge is as limitless as space, and the known is to the unknown as time to eternity. But we will continue to come to an understanding of things which seem mysterious. While no order of beings need yield to evil, all must meet it for weal or woe. There is a utility in evil."

World's Fair Exhibit.

If the World's Columbian Exposition proves to be a great success in one particular more than in another, it will undoubtedly be in its agricultural exhibits. When the magnitude and marvelous development of the agricultural interests of this country are considered, and how great is the attention given to the subject by the Exposition management, no other conclusion is possible. In all probability the exhibit will be an astonishing revelation, not only to foreigners, but to very many Americans, by reason of its magnitude and evidences of the superiority of the agricultural interests of this country and of their wonderful progress, as indicated by improved methods and better products.

The Department of Agriculture at Washington will make a scientific demonstration of methods, going into details, and showing how and why the best results are attained. An agricultural congress, with a series of lectures and discussions, will be held, at which all branches of agricultural industry will be considered by men who have devoted their lives to study and experiment in them. These will be most valuable adjuncts to the general agricultural exhibit, which will comprise the best products and means of production, gathered from every quarter. This will be of inestimable value in the way of comparison and education. The New York farmer and the Kansas farmer will compare the respective merits of the products of different localities, and look carefully into the methods or processes by which superior results have been attained. The adaptation of different localities and climates, and of the different soils and their treatment, to the raising of various cereals will be made apparent as never before. This will affect to a considerable extent the character of the products of different sections in the future, as the lessons of adaptation will be better understood.

The Deficit in the Supply of Wheat and Corn.

The statistical returns of the Department of Agriculture for March are estimates of the corn and wheat in the hands of farmers, the proportion and present value of merchantable corn, the weight of wheat per measured bushel, and other points in the commercial distribution of grain. The result of the consolidation makes the farmers' reserve of corn 36.4 per cent. of the crop in comparison with 45.9 per cent. last year. In bushels, 542,000,000, against 970,000,000 last year. It is the lowest recent reserve except that from the smaller crop of 1887 and that from the crop of 1883. The percentage retained in the seven corn surplus States is less than in others. The proportion estimated for consumption where grown is relatively large—87.4 per cent., instead of 81.8 last year. The quantity shipped or to be shipped from the farms is therefore only 188,000,000 bushels, or less than half the surplus of last year.

The proportion of the crop merchantable is 79.5 per cent., against 85.7 per cent. last year. It is therefore slightly under the average in quality. The average price of merchantable corn is 55.8 cents per bushel; of unmerchantable, 32.9. The aggregate value of the crop on this basis is \$761,000,000—nearly \$7,000,000 more than the December valuation, an advance of about 1 per cent., establishing the substantial accuracy of the December estimate.

The proportion of wheat still in the hands of farmers is lower than an average of the last ten years, the range being from 26 to 33 per cent. It is 28.2 per cent., or 112,000,000 bushels. It has been lower only in two years of the last ten, after the meager crops of 1881 and 1885, which were smaller than that of 1890. Including the visible stocks, the supply is 135,000,000 bushels. The consumption of the last twelve months is estimated at 299,000,000, seed used 53,000,000, and the exports have been about 98,000,000 from March 1, 1890.

The low percentages of the spring wheat States are especially noticeable. Half of the present stocks will be required for spring seeding.

The proportion of the crop estimated for

consumption within the country is 53.1 per cent., against 48.1 last year.

The average weight per measured bushel is 57.2 pounds. The average of 1889 was 57.7, which was the precise average of seven crops from 1883. In bushels of 60 pounds the aggregate is 381,000,000, or 90,000,000 less by weight than the preceding crop.

In reviewing the government report, the *Daily Business*, of Chicago, says: "Because the wheat reserves in farmers' hands are larger than generally expected, a good many friends of wheat seem to be losing their courage. Yet, when broadly considered, there is very little that is bearish in the government report. Let it be remembered that it will be fully 130 days before the new crop can be available. Our daily consumption, in the meantime, will go on at the rate of 700,000 bushels per day, so that of the 112,000,000 bushels in farmers' hands we shall have eaten in that time 91,000,000 bushels. We must use 19,000,000 bushels for spring wheat seeding, making a demand in all for 110,000,000 bushels of the 112,000,000 bushels in farmers' hands, leaving only 2,000,000 bushels for export, without making inroads upon our already very moderate visible supply."

"If the export demand should only average 1,500,000 bushels per week—a smaller average than ever known since our export trade amounted to anything—it would require every bushel of these reserves, and every bushel in the visible supply, and we would still run a million bushels short of the demand. There certainly seems to be very little that is bearish in this outlook."

Appointments for State Institutions.

Governor Humphrey made the following appointments for the State, and they were confirmed by the Senate:

Trustees of the State Board of Charitable Institutions—H. B. Kelly, of McPherson county, and W. T. Yoe, of Montgomery county.

Regents of the State Agricultural College—Joshua Wheeler, of Atchison county, and A. P. Forsythe, of Montgomery county.

Regents of the State Normal School—S. H. Dodge, of Mitchell county; H. D. Dickson, of Lyon county, and Nelson Case, of Labette county.

Director of the Penitentiary—William Martindale, of Lyon county.

Member of Live Stock Sanitary Commission.—John T. White, of Ottawa county.

State Veterinarian.—W. H. Going, of Geary county.

Commissioner of Forestry.—G. V. Bartlett, of Ford county.

Members of the State Board of Health.—J. W. Jenny, of Saline county; D. H. Hill, of Butler county, and Frank Swallow, of Jefferson county.

State Agent at Washington.—W. W. Martin, of Bourbon county.

Willfully Misquoted.

Senator Peffer's speech before the late editorial association meeting, at Hutchinson, has been so willfully and maliciously misquoted by the partisan press, led by the *Hutchinson News*, as to call forth a storm of indignation from all who heard Mr. Peffer on that occasion. The *Sterling Champion*, in commenting upon these shameful misquotations, says:

The Farmers' Alliance and other labor organizations have just cause for complaint, when newspapers will so grossly misquote and garble the utterances of their leaders and public speakers. Not only was Senator Peffer's speech misquoted, but the resolutions adopted by the editors present were so shaped by partisan reporters as to make them appear ridiculous in the extreme. Senator Peffer said he wanted to see the old soldiers get the difference between the depreciated money in which they were paid, and the contract made with them in the beginning by the government to pay them in lawful money, equal to gold at that time. He wanted to see the old soldier question taken out of politics—and not the soldier himself—by doing for the soldiers at once just what ought to have been done for them years ago. Regarding the resolutions adopted by the editors of the reform press we here present them just as they were read by the chairman of the committee:

WHEREAS, The representatives of the Reform Press of Kansas, believing that we represent the advanced thought of the State upon the economic questions, and that we are interested in promoting the moral, social and commercial interests of our State; and

WHEREAS, We recognize all branches of industry as essential to the upbuilding of our State and nation, and rely upon the honesty and integrity of the common people to right the wrongs from which

they are suffering, and having foreseen the necessity of a more perfect co-operation; therefore, be it

Resolved, That we, the members of the Reform Press Association of Kansas, assembled in the city of Hutchinson on this, the 24th day of February, 1891, congratulate the people upon the victory we have helped to achieve.

Resolved, That we organize this association for the purpose of promoting the objects set forth in the above preamble, and pledge ourselves to co-operate at all times with any and all organizations standing upon the declaration of principles enumerated in the St. Louis platform.

Resolved, That we favor the present movement tending to the upbuilding of an Independent National Party, the principles of which shall be in conformity with the St. Louis platform.

Resolved, That we congratulate our Legislature upon their wise selection of a United States Senator, Hon. W. A. Peffer, as a successor to the "iridescent dreamer," to represent Kansas in our national Congress.

Resolved, That we are opposed to any policy in politics which tends to separate the farmers from the industrial classes of the towns and cities, and favor any policy which tends to unite all labor organizations into one grand body.

Resolved, That we denounce the charges of anarchy and repudiation made against the reformers of Kansas by the subsidized press, as wholly without foundation and absolutely false.

Resolved, That we pledge ourselves to the support of every measure that shall tend to render justice to the old soldiers, by way of service pension, and the making of their pay in the service equal to that of bondholder, independent of any political affiliation, as we fully believe soldier legislation should be handled independent of politics.

Vinegar From Sorghum.

EDITOR KANSAS FARMER:—I see in the *FARMER* of the 4th inst. that a subscriber desires to know whether or not vinegar can be made from sorghum.

I will say it can, and a very good quality; better than can be made from anything except cider, and will answer the purpose in any case that cider will. Heating it to a boiling heat does not diminish its strength; it will not soften or shrink pickles, as the ordinary stuff we get at the store.

This is how I make it: Take a 40 gallon barrel, fill two-thirds full of clear well water (not alcohol). After this take eight gallons of common sorghum (not burnt or scorched), thin this with water to such a consistency that it will not settle to the bottom of the barrel, add this to the barrel and shake until it foams well; cork loosely, or better still tack a cloth over the bung, to keep out foreign bodies. The barrel should be kept out of doors in the sunshine. Shake once each day for a week, then once in two or three days for a week; after while an occasional shaking is sufficient. At about six weeks draw the contents off to extract the sediment from the barrel, return the contents to the barrel, and in six to eight weeks you will have a vinegar that is hard to surpass.

You should never begin this process until the weather is warm and freezing is over.

F. A. GRESHAM.

Bucklin, Kan.

Horses on Wheat.

EDITOR KANSAS FARMER:—During the past winter I have been visiting in Harper county and while there several horses were lost, most of them being colts. The symptoms were somewhat akin to those of colic, inflammation of the bowels, or urinary troubles, but yet there would be a difference. The local veterinarian when called was puzzled. Finally the trouble was found out, and proved to be caused from pasturing on sod ground wheat, thereby while picking wheat they would also gather prairie grass roots that are so profusely mingled with the wheat and when taken into the stomach did not digest and pass off but formed into large balls and masses with a tough coating. The stomachs of those that I witnessed contained nearly a peck each of these roots. After the trouble was located some horses were saved by thorough purgation. Perhaps this information may be a safeguard to horsemen in the future.

Leath, Kan.

W. E. BABCOCK.

Topeka Weather Report.

For week ending Saturday, March 14, 1891. Furnished by the United States Signal Service, T. B. Jennings, Observer.

Date.	Thermometer.		Rainfall.
	Max.	Min.	
March 8.....	26.4	15.5	.15
" 9.....	33.8	2.6	..
" 10.....	56.5	28.0	..
" 11.....	30.6	19.8	.20
" 12.....	40.8	9.0	..
" 13.....	35.4	16.0	Trace
" 14.....	37.0	11.8	..

Horticulture.

KANSAS FRUIT MANUAL.

As Prepared and Published by the Kansas State Horticultural Society.

THE GRAPE.

The grape finds a home in Kansas. Nearly all varieties, both new and old, are successfully grown in some portions of the State. But not all soils or locations are adapted to all varieties; hence, a judicious care must be given to selecting of lands, with regard to their adaptation to the varieties intended to be used. There is no home so small, no dooryard so crowded, but will afford ample room for one or more grape vines, which may be trained on the porch or even the gable-end of buildings. Their roots will follow down the cellar wall, or occupy the ground under the porch floor, and thrive.

Site.—A vineyard should not be planted too near the poultry-yard, or a timber lot, because of the liability to destruction of its crop of fruit by poultry and birds.

Elevation.—High lands are preferable, as such oftener escape late spring or early autumn frosts, and afford the needed circulation of air among the vines, which to some extent will avert the tendency of the fruit to rot. On such lands the wood matures best, and the fruit is of the best quality.

Slope.—A southerly or easterly-sloping location is preferable. A northern slope will produce the finest-appearing fruit for market, but not the best in quality.

Soil.—It should be of an ordinary fertility, and such as would yield a fair crop of corn. Gravelly and sandy soils having a loose subsoil are preferable; rich, loamy lands are objectionable.

Drainage.—All soils retaining a surplus of water should have drainage both of the surface and subsoil.

Wind-breaks.—Are not essential to the success of a vineyard, excepting on the western prairies, where it will afford a protection from sweeping winds, and prevent the snow from being swept off the land, which forms an excellent protection to the roots of plants during winter.

Preparation of the Ground.—Deep plowing of the surface, and stirring of the subsoil to the depth of fifteen or eighteen inches, is essential. This, followed by thorough harrowing, will place the land in proper shape for planting.

Planting.—Spring-time is generally preferred, and not until the ground has become warm. This will occur generally between the 1st and 15th of April.

Distance to Plant.—Slow-growing vines, like the Delaware, do not require as much space as the Concord. Therefore, the character of the plant to be used should govern the distance. For a general rule, the distance may range from seven to nine feet for the rows, and the same for plants in the row.

Laying off the Ground.—Stake off the land in rows, at the distances apart desired, and with a plow open a furrow along the line of stakes, until the desired depth for planting the vines is obtained. Then stretch a line across the plot in an opposite direction, and at the point of crossing each furrow set a vine.

Selection of Plants.—A strong one-year-old, having a good supply of fibrous roots, is preferable.

Planting.—The vines should have their tops cut back to only two buds, all bruised and damaged portions of roots removed, and kept moistened and protected from exposure to winds and sun, while planting along the line at the crossing of the furrows. All roots must be spread out in a natural position, covered with well-pulverized dirt, and filled up well around the plant and tramped down. In sandy soil set the vines deep; in clay lands it is best to plant shallow.

Cultivation.—The first year it should be thorough, and the ground kept free from weeds, but should cease by July 1. Some vineyardists grow crops of beans, cabbage, potatoes or tomatoes between the rows, to utilize the ground, and partly compensate for the expense of culture, while others discontinue any use of the land.

Pruning.—In the eastern portion of the State, trimming may be done in early spring, and before the sap has started to flow while in the western part of the State fall-time is recommended, and as soon as the vine casts its leaves, by removing all of the cane to the two or three buds nearest the ground, and then covering the

plant with straw or dirt. The following spring one cane, about three feet long, may be left on all strong vines for fruiting, but all the weak ones should be treated in manner recommended for the previous spring. Young vines must not be allowed to overbear, for an injury may occur from which the vines may never recover. For the following year each strong vine may be permitted to carry two canes, cut back to four feet in length.

Summer Pruning.—As the "forms" (fruit clusters) appear, pinch off the shoot about one joint beyond the last "form;" also, remove all weakly forms and shoots, excepting three or four of the strongest, which are for the next year's bearing canes. They are to be treated the following spring the same as recommended for the spring of the third year, and the old canes removed.

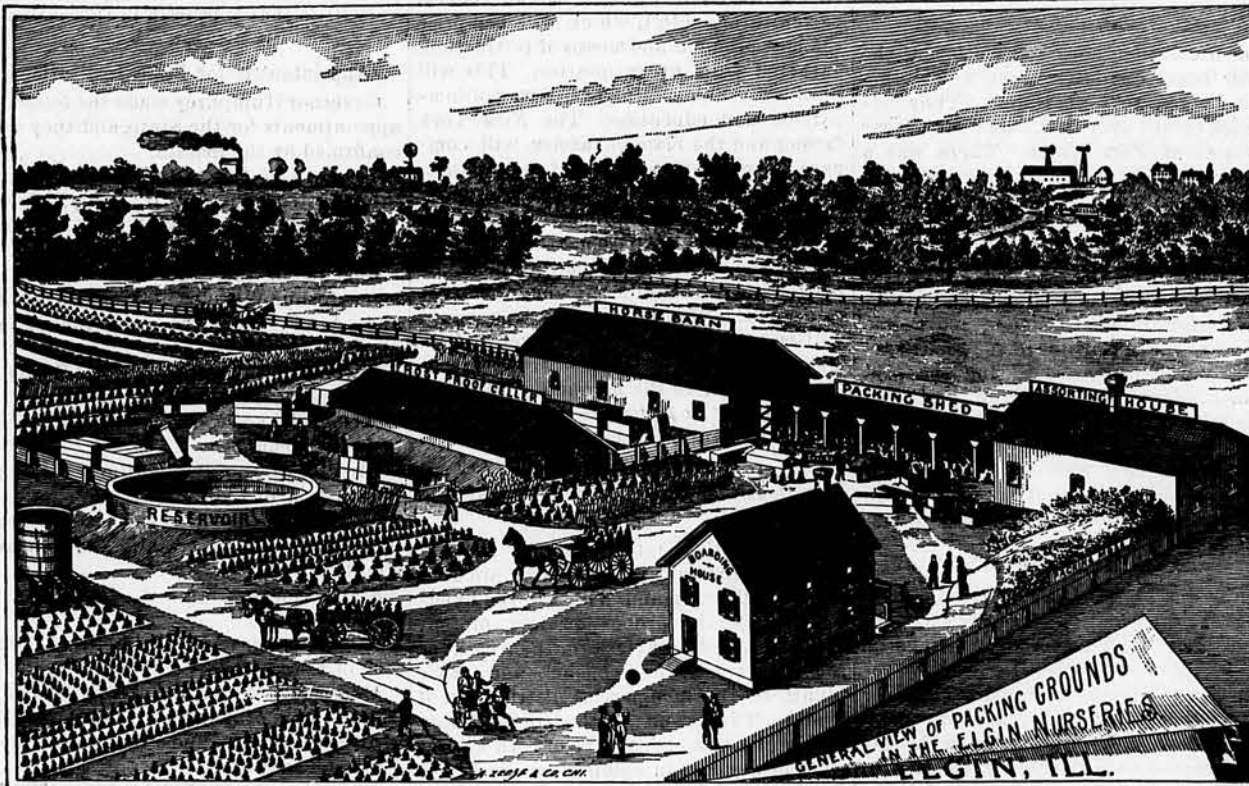
Trellising and Training.—Trellises should be constructed in the spring of the third year, by getting the material onto the ground during winter, and the posts sharpened. As soon as frost leaves the ground they can quite easily be driven into the earth, and are much firmer by this process than can be made by setting in a hole with the earth tamped down around them. The posts at the end of each row should be heavy, and well braced, to resist the strain of the wires when stretched upon them. The lower wire should be at least three feet from the ground, and each of the others above it one foot apart. On these the canes should

the "Kansas Fruit Manual," we here give the counties embraced in the Kansas fruit districts. This will be of especial value as a convenient reference in connection with the voted fruit list:

Northern District.—Atchison, Brown, Cheyenne, Clay, Cloud, Decatur, Dickinson, Doniphan, Ellis, Ellsworth, Geary, Gove, Graham, Jackson, Jefferson, Jewell, Leavenworth, Lincoln, Marshall, Mitchell, Nemaha, Norton, Osborne, Ottawa, Phillips, Pottawatomie, Rawlins, Republic, Riley, Rooks, Russell, Saline, Shawnee, Sheridan, Sherman, Smith, Logan, Thomas, Trego, Wallace, Washington, Wyandotte.

Central District.—Anderson, Barton, Chase, Coffey, Douglas, Edwards, Finney, Franklin, Garfield, Gray, Greeley, Hamilton (north of Arkansas river), Harvey, Hodgeman (north of Arkansas river), Johnson, Kearny (north of Arkansas river), Lane, Linn, Lyon, Marion, McPherson, Miami, Morris, Ness, Osage, Pawnee, Reno, Rice, Rush, Scott, Stafford, Wabaunsee, Wichita.

Southern District.—Allen, Arapahoe, Barber, Bourbon, Butler, Chautauqua, Cherokee, Clark, Comanche, Cowley, Crawford, Edwards, Elk, Ford, Grant, Greenwood, Hamilton (south of Arkansas river), Harper, Haskell, Kansas, Kearny (south of Arkansas river), Kingman, Kiowa, Labette, Meade, Montgomery, Morton, Neosho, Pratt, Sedgwick, Seward, Stanton, Stevens, Sumner, Wilson, Woodson.



be fastened in fan shape, and to each of the lower wires.

Handling the Fruit.—As the fruit will keep but a short time, it should be marketed as soon as ripe, and packed in the common grape baskets, which may be of different sizes for convenience of customers. Before packed, all defective berries should be removed, and clusters then placed with the stem downward. If for a distant market, they must be picked before fully ripened.

VARIETIES RECOMMENDED.

The following "Voted Fruit List" shows the varieties, arranged in the order of preference, by districts:

Northern District.—Early—Hartford (Prolific), Moore's Early, Champion, Victor, Cottage. Medium—Concord, Delaware, Worden, Pocklington, Rodgers No. 19. Late—Catawba, Goethe, Dracut Amber, Ives, Clinton.

Central District.—Early—Moore's Early, Hartford (Prolific), Champion, Ann Arbor, Early Victor, Lady Diana. Medium—Concord, Martha, Delaware, Brighton, Duchess, Elvira, Worden. Late—Catawba, Clinton, Dracut Amber, Norton, Ives, Agawam, Salem, Goethe.

Southern District.—Early—Moore's Early, Hartford (Prolific), Cynthia, Lindley, Champion. Medium—Concord, Elvira, Delaware, Martha, Isabella, Brighton, Prentiss, Pocklington, Iona, Wilder, Worden. Late—Dracut Amber, Clinton, Goethe, Ives, Norton, Heribmont, Agawam, Salem, Catawba.

KANSAS FRUIT DISTRICTS.

For the information of our readers, and convenience of reference while publishing

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20 Greenhouse Plants \$1

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The Elgin Nurseries.

Among the most reliable nurseries in the country are the Elgin Nurseries, Elgin, Ill., the E. H. Ricker Co., proprietors. They employ no agents but warn the public against them. They issue a catalogue and price list which is free on application, together with a valuable work entitled, "How to Grow Evergreens."

The illustration on this page is a general view of their packing grounds. They pack their trees in boxes and bales, with roots securely wrapped in damp moss, so they will stand a journey to any part of the United States or Canada, and arrive in perfect condition.

Their prices are low, and by sending for their catalogue and naming the KANSAS FARMER you will receive with it a coupon good for 50 cents' worth of trees free, if you conclude to order a small bill of them. This is given to get you to mention the KANSAS FARMER when you write to them. We advise you to write for their catalogue.

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He bought the Buggy of the Pioneer Buggy Co., and then took Maud for a drive. But he kept on the good side of the father, by presenting him with a copy of the "Complete Horse Book," which we send free for 10 cents, in stamps or silver. Pioneer Buggy Co., Columbus, O.

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The Poultry Yard.

Hatching Time.

EDITOR KANSAS FARMER:—The time is here when the hen ceases to cackle and starts to cluck, and soon the little chicks will be scratching in your garden like all possessed. It is the most pleasant time in chicken-raising to see your stock increasing, and the little downy balls break their shells and start to peep. They make a great deal of noise, but they will soon stop it, and grow to be large chickens, fit for fancy or market. There involve certain cares to rear these little ones; cares which must be taken to make any kind of success out of it; and to make a success you must have an interest in your work, or you will get "badly left."

The poultry business is one of the greatest as well as most profitable industries in existence. Almost the first thing to see to is that the young chicks are not fed too soon or overfed. They do not need feed for twenty-four hours after they are hatched. Do not let them get wet, as that will kill them. Always shut them up at night, or maybe next morning you will find part of your flock dead—killed by a rat, skunk, or some other "pesky critter." You must also watch out for disease. Don't allow your chicks to get sick; there is no need of it. Careful and proper attention never promote disease. And above all look out for the greatest enemy of little chicks, as more of them are killed by lice than all other causes together. Keep the old hen free and the chicks will never be bothered with them. Feed plenty of good, wholesome food, but never too much. Cracked wheat I find the best for young chicks; they may also have some soft feed, such as bran, chop and middlings, but don't feed it too often, as it produces diarrhea, which is death on chicks. Overfeeding means apoplexy and death. Great care is necessary in the feed of young chicks; remember you are handling a tender object, and not an inanimate machine. Keep the old hen clean of vermin by using a little insect powder and patience. Clean your hen-house, and keep it so, and you will never be bothered with this plague. Sprinkling air-slacked lime in the hen-house keeps it clean, and it is cheaper than lice. It is better to keep the hens and chicks shut up in rainy or wet weather than to take the risk of having some of them drowned. They need plenty of sunlight, dust and sand. Put dust and sand in the sun and they will wallow in it all day long, and it gives them exercise, and exercise makes strong, healthy fowls. There are many other things, too numerous to mention, which must be observed in rearing chicks. But those given above are the principal ones. Watch them closely and aid them all you can in growing and feathering and keeping healthy.

FRED VESPER, JR.

Topeka, Kas.

Let Us Wake Up.

EDITOR KANSAS FARMER:—I have been a careful reader of the FARMER for some time, and appreciate its weekly visit to our home, and it is closely read by all. It seems to me there is one thing needful to make a complete farmer's paper, and that is an enlargement of the "stock notes," and especially the "Poultry Yard." As Belle Sproul has said, "Let us wake up," and make the "Poultry Yard" as interesting and instructive as the Veterinary department. It seems to me we might exchange ideas on mating and general care of poultry, and thereby make it very interesting for all, and especially so for beginners who are anxious to learn. Let us discuss the merits of wet and dry feeding, and the advisability of giving drugs to fowls that are healthy as a preventive against disease; and also our mode of coping with the different diseases poultry are mostly subject to.

I will write again, and give my ideas on poultry-raising.
FARMER BOY.
Fredrick, Kas.

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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,
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STEKETEE'S GRISWOLD'S SEED STORE.



**IMPROVED
HOG CHOLERA CURE**

Greatest Discovery Known for the
cure of

HOG CHOLERA

PIN-WORMS IN HORSES!

HUNDREDS OF THEM.

BOSWELL, IND., October 18, 1890.

Mr. G. G. Staketee:—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 ROBINSON.

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, 8 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.

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Red Cedars, Fruit Trees and Plants. Largest stock, lowest prices. Mammoth Dewberry, luscious to the core—best berry for the prairies. Black Locust, Russian Mulberry, Tulip Tree, Box Elder, Ash, Elm, Walnut, Cottonwood, etc. I retail at wholesale prices. Save 60 per cent. and write for my Price List.
GEO. C. HANFORD,
Address Makanda, Jackson Co., Ill.

\$25 PAID IN PRIZES!

to the growers of the largest specimens of the best Mangel Wurzel yet introduced—

THE GOLDEN KING.

This is undoubtedly the finest and most profitable food that can be grown for hogs and cattle, and especially milch cows. Yields from forty to sixty tons per acre. Sure crop in dry seasons. Send 25 cents for package of seed and conditions.
LEAMING CORN—Ninety-day Yellow, at \$1.15 per bushel, sacked. A full stock of seeds constantly on hand. Address **H. B. BASSLER**, Manhattan, Kas.

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Seeds guaranteed to be fresh, pure, and true to name.

FRESH KANSAS SEEDS.

OUR NOVELTIES:—Jerusalem and Kansas White King Corn, Denver Market Lettuce and Kansas Stock Melon.

OUR SPECIALTIES:—Alfalfa, Espersette and all other Grass Seeds, Kafir Corn, Milo Maize, Seed Corn, Millet and all other Field Seeds. Tree seeds for Nurseries and Timber Claims. In fact everything in the Seed line. Our Beautiful Catalogue mailed FREE on application. **KANSAS SEED HOUSE, F. BARTELDES & CO., Lawrence, Kans.**

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OUR ILLUSTRATED CATALOGUE SENT FREE.

Send 4c. in stamps and we will send a packet of the great novelty, **THE PERSIAN MONARCH MUSKMELON**, the finest flavored melon grown.

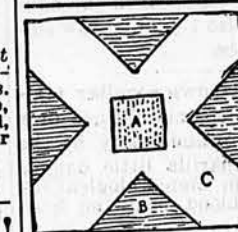
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BOUK & HUPERT, Greenwood, Neb.

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Our customers' SUCCESS is our Success; our prosperity depends on buyers being satisfied; with the prices paid; with the condition of orders on arrival; with the results after planting. Our **ROSES** Popular Flowers, Bulbs and Seeds, are therefore the best that care and skill can produce. OUR NEW GUIDE, 124 pages, describes upwards of 2,000 varieties—classification original; helps the buyer—FREE. It will profit you to send a postal card for it to-day. Orders for a single packet of Seed or 1,000 Roses equally welcome. Everything by mail post paid, safe arrival guaranteed to all Post Offices.

THE DINGEE & CONARD CO., Rose Growers and Seedsmen, WEST GROVE, PA.



AN ELEGANT FLOWER BED FOR 25 Cts.

We will furnish 20 designs for beds of flowering plants, with full instructions showing names of varieties and number of plants required to fill fine show beds at a cost of from 15 cents to \$1 each. It requires knowledge and taste, not wealth, to possess elegant beds of flowers. Think of a fine bed all summer for a few cents! These designs mailed, with **Vick's Floral Guide**, for 1891, on receipt of 10 cents. Now is the time to plan. Send at once.

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TELEGRAPHY.

If you want to learn Telegraphy in the shortest possible time and secure a situation at once, write **W. J. BOSS**, Superintendent, Holton, Kansas. Bonafide arrangements with the largest Railway and Telegraph Companies in the U. S. for placing

graduates. Board and room \$10.00 per month. **SITUATIONS SECURED FOR GRADUATES**

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.

W. L. U., LaFontaine, Kas.—The symptoms given do not indicate disease of the navicular joint. The treatment prescribed in last week's issue is the proper one to apply. If anything else develops, let us know, and we will advise further.

Answer.—I have an eight-year-old mare that had what I supposed was distemper, about a year ago. It broke under the throat and has been running ever since. The discharge is yellow and has an offensive smell. She has run down in flesh, and does no good on grass in summer nor on feed this winter. Now what is the matter, and what will cure it? **J. L. M., Thurman, Kas.**

Answer.—You do not say from what part of the throat the discharge comes; but as it is very offensive, it most likely comes from diseased bone, or an ulcerated tooth, and will require an operation by a competent surgeon.

PROUD FLESH.—My mare has a bunch of proud flesh about as big as my fist on her pastern joint. It came from a cut made by the shoe a month ago. At first it seemed to do well, but about three weeks ago this began to grow. **J. C. S., Waverly, Kas.**

Answer.—If it is only proud flesh, a daily application of either powdered blue vitriol or sulphate of zinc will soon cut it down. But we fear you have a fibrous growth caused by a bruise on the bone, and if so, it is attached to the periosteum and can only be removed by extirpation with the knife.

OBSTRUCTION IN COW'S TEAT.—I have a three-year-old heifer that came in last spring. About six weeks ago one of her back teats suddenly closed up so that I could hardly start the milk. I supposed she had chilled it, and did not do anything for it except to open it with a quill when I could not start it without. There is a small lump in the lower end of the teat, but I think that is growing smaller. Please answer soon as you can. **C. D. S., Nortonville, Kas.**

Answer.—The obstruction is either a tumor or a small stone—*lactal calculus*—in the teat, and the only remedy is complete removal. Cannot you get a qualified veterinarian to attend to her?

COCKED ANKLES—LUMPY MILK.—A six-year-old mare has been cock-ankled for three years, supposedly from hard pulling. Her colt became the same way at six months old. (1) Is there a cure for such cases? (2) What causes them? (3) If cured, will her colts be strong in those points? (4) A seven-year-old cow has been giving lumpy milk for the last three years. It comes on about every ten days. (4) What is the cause? (5) What is the cure? **Maize, Kas. W. R. C.**

Answer.—(1 and 2) Coked ankles are generally only symptomatic of some other trouble, as sore tendons, sore heels, navicular disease, etc., and if the cause can be traced out and removed, the ankles will straighten up. (3) It is very doubtful, but it depends somewhat upon the cause. (4) Give the cow a pound and a half of Epsom salts dissolved in half a gallon of warm water, and then give a heaping tablespoonful of hyposulphite of soda in feed twice a day for two weeks. If this helps her, repeat it once a month till cured. But if it does no good, you had better dry her up and beef her, or let the calf run with her in the future.

DISTEMPER.—A two-year-old filly had the distemper last December and has been losing flesh ever since. Her feed is straw and buffalo grass for roughness and a pint of corn and a quart of bran twice a day, and two tablespoonfuls of flaxseed three times a week. I have given her half a package of "Hawkeye Condition Powders." In the last three weeks she has had three attacks of something like colic, and I have noticed some small worms in the feces. What can I do for her? **Oakley, Kas. G. W. H.**

Answer.—Allow the filly three feeds of bran mash with very little rough feed; then give, on an empty stomach, half a pint of raw linseed oil and half an ounce of turpentine. Steep half a pound of flaxseed in boiling water over night and mix with her feed each day, and give in the feed, morning and night, one of the following powders: Powdered sulphate of iron, 2½ ounces; powdered gentian, 4 ounces; powdered nux vomica, 1½ ounces; mix,

and divide into twenty-four powders. At the end of a week repeat the oil and turpentine. Every third day inject the rectum with a quart of warm water in which has been dissolved an even tablespoonful of salt. Increase her ration of grain a little as her appetite increases, and give plenty of good hay instead of straw, and oats instead of corn if you can.

ANTHRAX FEVER.—Two of my cows with calves by their sides were standing and eating, when one began to stagger, and then fell down. In less than ten minutes, the other one was affected in the same way, and in ten minutes more they were both dead. When I opened them the lungs were swelled and looked as if they had been bruised and filled with blood. There was water settled around the heart. The intestines had a bruised appearance, and the fore part of the body looked as if it had been beaten with a club. One of my neighbors lost nine, yesterday, in the same way. My cows ran on buffalo grass in day-time, and were stabled and fed cane and corn fodder at night. If you can give us a remedy, it will be a godsend to the farmers of Thomas county. **J. C. E.**

Answer.—We think from the description given your cows died of anthrax fever, due to a disease germ which infests the pastures of certain localities. The progress of the disease is so rapid that you will hardly know the animals are sick until they are dying. If you notice the symptoms coming on, give three times a day for a week the following dose: Sulphate of soda, ½ ounce; chlorate of potash, 2 drachms; water, 1 pint; and give a change of feed. Burn all carcasses of dead animals. Scatter lime in all stables and yards and whitewash fences and walls, first adding half a pint of salt to each pailful of whitewash.

COLIC.—My six-year-old horse has been subject to colic for the last three years. At first the spells were very bad and lasted longer than they do now. He has had it three times this spring, but not very bad, and it did not last long. I feed him regularly on corn and hay. Can you give me a remedy through the KANSAS FARMER? **Argonia, Kas. W. E. B.**

Answer.—The exciting causes of colic in horses are numerous. The most common are exposure to cold, overfeeding, feeding upon very rich food or upon food which has a tendency to ferment, intestinal worms, etc., and very few horses escape an attack at some time during life; but some animals seem to be so predisposed to colic that the slightest irregularity in the manner of feeding will bring on an attack, and when a horse once becomes the subject of repeated attacks of colic it is a sure indication of some chronic functional derangement of the digestive tract. This may be due to a defective nerve supply of the stomach, caused by long-continued feeding on corn or other rich food, or it may be due to *aneurisms*—tumors—in the anterior mesenteric artery which interfere with the blood supply to some part of the intestines. These tumors are caused by the wounding of the inner membrane of the artery by a small round worm, *Strongylus armatus*, the larvae of which are taken into the animal's stomach with water drank from stagnant pools, etc., and from thence the worm penetrates the arterial walls and enters the circulation, where it is beyond the power of any remedy to exterminate it. The best preventive for colic is regularity in feeding upon clean oats and hay, with an occasional bran mash, with sliced roots of some kind as winter diet, and oats with green grass in summer. To correct any functional disorder which may exist, give as a drench six drachms of barbaeoloe dissolved in one pint of warm water. Then give a tablespoonful of the following powder in feed twice a day: Carbo ligni, sodium bicarb, powdered gentian root and powdered anise seed, of each four ounces; mix. For immediate relief in case of an attack, give sweet spirits of niter 2 ounces, sulphuric ether 1 ounce, essence of ginger ¼ ounce, in one pint of water. Repeat in one hour if necessary. Give also 1½ pints raw linseed oil as a purgative.

Each season has its own peculiar malady; but with the blood maintained in a state of uniform vigor and purity by the use of Ayer's Sarsaparilla little danger need be feared from meteorological influences. No other blood medicine is so safe and effective.

Money for Everybody.

Mrs. Wells asks "Is it a fact that a person can make \$30 to \$40 a week in the plating business?" Yes, I make from \$5 to \$8 a day, plating and selling plated ware. W. H. Griffith & Co., Zanesville, Ohio, will give you full instructions. In this business there is money for everybody. **G. W. RUSSELL.**

Never Was Known to Fail.

Farmers, don't pay a dollar for a bottle or package of Hog Cholera Cure when you can buy Steketee's Sure Hog Cholera Cure at the drug stores for 50 cents—nearly a pound—or 60 cents by mail. Take no substitute. Some druggists will tell you: "We have as good, if not better." It is simply to get rid of some worthless stuff. Have Steketee's or none. Read Steketee's advertisement in this paper.

Steketee's Worm Remedy Does the Work.

NEW MILTON, W. VA., March 7, 1891.
MR. STEKETEE: Send me three packages Hog Cholera Cure. Package you sent me twelve days ago is doing the work on my horse for worms. The medicine seems to destroy them bodily, for they come from the horse dead and in all stages of decomposition. **E. L. DAVIS.**

What farmer wants better testimony of Steketee's Hog Cholera Cure for worms in horses? I challenge the world. Come on, ye doctors and professors. Price of Steketee's Hog Cholera Cure—50 cents at your drug store, or 60 cents by mail. Try it, farmers. **GEO. G. STEKETEE.**

Kansas City to Toledo Without Change of Cars via the Wabash Railroad.

A solid train, composed of the finest sleeping and chair cars in the world, is now running on the Wabash railroad from Kansas City to Toledo, leaving Kansas City every day at 6:20 p. m., arriving in Toledo at 4:15 next afternoon, passing through the cities of Jacksonville, Springfield, Decatur, Danville, Lafayette, Logansport, Fort Wayne, Defiance to Toledo. No other line out of Kansas City runs a solid train as far east as the Wabash. This fast Wabash train arrives in New York at 4 p. m., the second afternoon from Kansas City. There is no extra charge on this fast train. We will reserve your sleeping-car accommodations through to destination by applying at Wabash ticket office, northwest corner Ninth and Delaware streets, Kansas City, or write or telegraph to H. N. GARLAND, Western Passenger Agent.

Oregon, Washington, and the Northwest Pacific Coast.

The constant demand of the traveling public to the far West for a comfortable and at the same time an economical mode of traveling, has led to the establishment of what is known as Pullman Colonist Sleepers.

These cars are built on the same general plan as the regular first-class Pullman Sleeper, the only difference being that they are not upholstered.

They are furnished complete with good comfortable hair mattresses, warm blankets, snow white linen curtains, plenty of towels, combs, brushes, etc., which secure to the occupant of a berth as much privacy as is to be had in first-class sleepers. There are also separate toilet rooms for the ladies and gentlemen, and smoking is absolutely prohibited. For full information send for Pullman Colonist Sleeper Leaflet. **E. L. Lomax, General Passenger Agent, Omaha, Neb.**

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.

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.

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.

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.**

MARKET REPORTS.

LIVE STOCK MARKETS.

Kansas City.

March 16, 1891.
CATTLE.—Receipts 1,655 cattle and 18 calves. Market active and higher. Beef steers, \$4 25a 5 25; cows, \$1 75a 3 75; bulls, \$2 50a 3 25; stockers and feeders, \$3 15a 4 25.
HOGS.—Receipts 2,055; not enough to make a market; \$3 50a 3 70.
SHEEP.—Receipts 708 head, and demand ahead of supply at \$4 45a 4 90.

Chicago.

March 16, 1891.
CATTLE.—Receipts 18,000. Market dull and a shade lower. Best beefs, \$5 20a 5 85; good, \$4 60a 5 10; medium, \$4 00a 4 50; common, \$3 50a 4 00; stockers, \$2 25a 2 50; feeders, \$2 50a 3 75; bulls, \$1 25a 3 80; cows, \$1 40a 3 75.
HOGS.—Receipts 45,000. Market steady. Mixed, \$3 60a 3 75; heavy, \$3 65a 3 95; light weights, \$3 45a 3 70.
SHEEP.—Receipts 1,500. Market 10c lower. Natives, \$3 00a 3 50; Western corn-fed, \$4 50a 5 50; lambs, per cwt., \$5 50a 6 00.

St. Louis.

March 16, 1891.
CATTLE.—Receipts 1,400. Market steady. Native steers, common to fancy, \$3 40a 5 15; Texans, common to good, \$3 00a 3 35.
HOGS.—Receipts 2,400. Market steady. Bulk of sales, \$3 40a 3 65; range, \$3 25a 3 90.
SHEEP.—Receipts 3,900. Natives, \$4 00a 5 75.

GRAIN AND PRODUCE MARKETS.

Kansas City.

March 16, 1891.
WHEAT.—Receipts 50,500 bushels. Good demand from shippers and order buyers. No. 2 red, 94c; No. 2 hard, 88½c; No. 3 hard, 83½c.
CORN.—Receipts 29,500 bushels. Market active and higher. No. 2 mixed, 52½c; No. 3, 52c; No. 2 white, 53½c; No. 3 white, 53½c.
OATS.—Receipts 39,000 bushels. More life and higher prices. No. 2 mixed, 47½c; No. 3 mixed, 47c; No. 2 red, 47½c; No. 2 white, 48c.
RYE.—Receipts 500 bushels. Market quiet but firm. No. 2, 90c; No. 3, 85c.
SEEDS.—Flaxseed, quiet but steady; crushing, \$1 08a 1 10 per bushel; sowing, \$1 50. Castor beans, crushing, \$1 15.
HAY.—Receipts 190 tons. Market steady and demand fair. Prime fancy, \$10 50; good to choice, \$9 00a 10 00; prime, \$7 50a 8 50; common, \$5 00a 6 00. Timothy, good to choice, \$10 00a 10 50.

Chicago.

March 16, 1891.
WHEAT.—Receipts 42,000 bushels. No. 2 spring, 90a 90½c; No. 3 spring, 89a 94½c; No. 2 red, \$1 01a 1 01½.
CORN.—Receipts 150,000 bushels. No. 2, 60½c 60¾c.
OATS.—Receipts 105,000 bushels. No. 2, 50¾c 51c; No. 2 white, 50¾c 51½c; No. 3 white, 50a 51c.
RYE.—Receipts 11,000 bushels. No. 2, 80c.
BARLEY.—Receipts 38,000 bushels. No. 2, nominal; No. 3, f. o. b., 67a 75c; No. 4, 65c 80c.
SEEDS.—Flaxseed, No. 1, \$1 21½; prime timothy seed, \$1 29a 30c.

St. Louis.

March 16, 1891.
WHEAT.—Receipts 53,000 bushels. No. 2 red, 90a 91c; May, 90a 91c.
CORN.—Receipts 220,000 bushels. No. 2, 57a 57½c; May, 57a 57½c.
OATS.—Receipts 69,000 bushels. No. 2, 49a 49½c.
RYE.—Receipts 2,000 bushels. No. 2, 86c.
FLAXSEED.—Steady, at \$1 22 for Western and \$1 24 for Northern.
HAY.—Firm, demand good. Choice to fancy prairie, \$9 00a 12 00; choice to fancy timothy, \$11 00a 13 00.

TOO LATE TO CLASSIFY.

BARGAIN.—For sale or exchange for live stock, two first-class pool and one billiard table and fixtures. Address Box O, Greeley, Kas.

WANTED.—A good home on a farm for a stout boy of 14. Has been partly raised in the country and is a good boy to work. Address Mrs. R. Marion, Atchison, Kas.

E. E. FLORA. Wellington, Kas.—Nine first, 10 second, and 8 third, 2 fourth premiums at S. K. Poultry show, December, 1890. Twenty-four birds scoring 90 to 98½ points. C. A. Emory judge. Eggs from Berred P. Rocks, S. C. B. and White Leghorns, S. S. Hamburgs, Light Brahmans, P. Cochins, Langshans and B. B. Game Bantams, per sitting \$2. M. B. Turkey eggs 20 cents each; Pekin Duck 10 cents each; Hong Kong Geese eggs all engaged.

WANTED.—Six S. C. B. Leghorns and four B. Cochins roosters. Address D. D. Swartley, Cawker City, Kas.

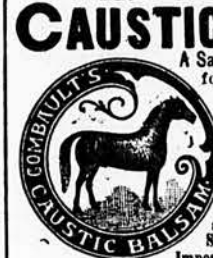
BEE-HIVE, VERY CHEAP.—Circular free. Emerson Abbott, St. Joe, Mo.

FOR SALE.—Six thoroughbred Poland-Chinas, four months old, four boars and two sows. Excellent individuals. Pedigrees furnished. \$8 each, net. W. V. Church, Marion, Kas.

WANTED.—A married man to work on small farm near Kansas City. Fair wages to right man. Address J. B. Campbell, Lock Box 305, Topeka, Kas.

STRAYED OR STOLEN.—On Tuesday night, March 10, 1891, from the postoffice at Topeka, one sorrel horse pony about 12 years old, white face, one hind foot white, branded low down on the shoulder, looks heavily marked from scratches, had on boy's riding saddle, single harness bridle with one line attached. Reward for any information. W. B. Ware, Post office at Topeka, Kas.

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, Pinkeye, all Lamenesses from Spavin, Ringbone or other Bony Tumors. Removes all Bunches or Blemishes from Horses and Cattle. Supersedes all Caustery 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.**

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THE STRAY LIST.

FOR WEEK ENDING MARCH 4, 1891.

Meade county—L. E. Brown, clerk.

MULE—Taken up by John W. Taylor, in Logan tp., February 11, 1891, one white or gray mare mule, small red spots on hips and shoulders, five feet high; valued at \$15.

Lyon county—C. W. Wilhite, clerk.

STEER—Taken up by Isaac McClelland, in Jackson tp., January 29, 1891, one 2-year-old steer, roan, white face, all in right ear; valued at \$20.

FOR WEEK ENDING MARCH 18, 1891.

Sedgwick county—S. Dunkin, clerk.

PONY—Taken up by Lee H. Webster, in Erie tp., P. O. Anness, one strawberry-roan mare pony, left fore foot white, blaze face, 12 years old; valued at \$15.

Barber county—W. T. Rouse, clerk.

STEER—Taken up by H. A. Bailey, in Biwood tp., February 11, 1891, one red and white steer with brindle stripes, under-bit in right ear, crop and under-bit in left ear, branded with two perpendicular lines with over top ends on left hip and 84 on left side; valued at \$25.

Comanche county—J. B. Curry, clerk.

STEER—Taken up by J. W. Dunn, in Logan tp., P. O. Poppleton, January 21, 1891, one red and white spotted steer, crop off both ears.

STEER—By same, one red and white spotted steer, crop off both ears, branded Z E on left side; valued at \$20.

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 crick-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.

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The world's news of the week; the important and leading topics treated in an independent and fearless manner. Every department complete and carefully edited. It is a large 12-page handsomely printed paper and will prove a welcome visitor in every home. On trial 3 months 25¢. THE TIMES, Kansas City, Mo.

Clubbed with KANSAS FARMER \$1.75.

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To cleanse your horse from worms, use DR. W. H. GOING'S WORM POWDERS. \$1.00 a package by mail.

FOR COLIC.

To cure Spasmodic Colic, use DR. W. H. GOING'S COLIC POWDERS. \$1.00 a package by mail. Keep a package in your house.

For a Tonic and Blood Purifier

If your horse is not doing well and is out of condition, use DR. W. H. GOING'S TONIC POWDER. \$1.00 a package by mail.

DR. W. H. GOING is a member of the Royal College of Veterinary Surgeons, of London, England. He has had fourteen years experience in the U. S. cavalry as chief veterinary surgeon, and is at present State Veterinary Surgeon for the State of Kansas.

Address P. O. Box 48, Junction City, Kas.

ATTENTION, FARMERS!



We have arranged with S. B. RITTENHOUSE, the patentee and manufacturer, to introduce his recently-patented

BROADCAST
SEED - SOWER.

It will distribute flax and clover seed 36 feet to the round. Wheat, 50 feet to the round. Timothy seed, 27 feet to the round. Oats, 36 feet to the round.

We will furnish it and the KANSAS FARMER for one year for \$4, or with five subscriptions and \$5, we will deliver one of these machines free.

This is a chance to get an excellent implement at a small cost, or a little exertion in getting a few subscribers for the "Old Reliable." KANSAS FARMER CO., TOPEKA, KAS.



\$9.55 buys a first-class Standard Singer Sewing Machine. Warranted 5 years. Attachments free. All late improvements. Automatic Tension Liberator. Pivoted Balance Wheel and Treadle, and Loose Pulley. Send for circulars. Address Cash Buyers Union, 5 and 6 Washington St., Chicago, Ill.

BEATTY'S ORGANS, PIANOS \$35 up. Write for Catalogue. Address Dan F. Beatty, Washington, N.J.

Fourth Annual Sale of Aberdeen-Angus Cattle

At the Fair Grounds,

CARROLLTON, MO.,

Wednesday, April 8, 1891,

—BY—

J. H. REA & SONS. R. B. HUDSON & SONS.

W. J. TURPIN.

Forty-five head of very fine animals of the most desirable families.
Write for catalogues of sale now.

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 MUSCOTAH, 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—

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WILL, BY SPECIAL REQUEST, HOLD A

Grand Combination Sale of Horses and Cattle

AT THEIR STOCK YARDS, FOOT OF FIFTEENTH ST.,

DENVER, COLO., MAY 18, 19, 20, 21, 22 & 23, 1891.

GEO. L. GOULDING, Pres't.

COL. S. A. SAWYER, Auctioneer.

The Annual Spring Meeting of the OVERLAND PARK ASSOCIATION will commence on May 23, and the concourse of people from all parts of the neighboring States and Territories being very large at these most popular Race Meetings, will materially help to give our next sales a favorable impulse. At that season prices for fine horses of all descriptions range higher in this city than at any other time of the year, and buyers will be ready to make their purchases of beef and dairy stock, for which they will have immediate use.

For entry blanks and any other information, write to

THE CITY STOCK YARDS COMMISSION CO.,

D. H. SMITH, Vice President.

P. O. Box 2261, DENVER, COLO.

PUBLIC SALE

80 Aberdeen-Angus Cattle!

FRIDAY, APRIL 3, 1891.



HARDY V. IANT NEARBY

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Many of the bulls are fit to head the best herds of the breed, judged both as to individual merit and pedigree. The females are a choice lot, affording a rare opportunity to parties desiring to found a herd and giving older breeders a chance not often offered to replenish with young, useful, and in many cases show animals. A free excursion train will leave Kansas City Union Depot at 9:05 a. m. (arriving at farm at 9:40) on day of sale and return same day.

Parties desiring to have more time to examine the herd will be made welcome at the farm the day before the sale. Most liberal terms of payment to responsible parties. Cattle loaded on cars without risk, expense or trouble to the purchaser. Catalogues ready and will be mailed on application.

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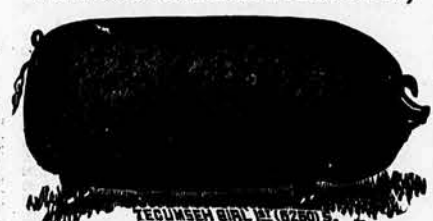
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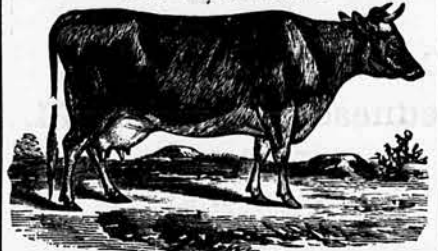
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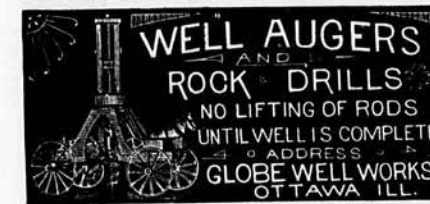


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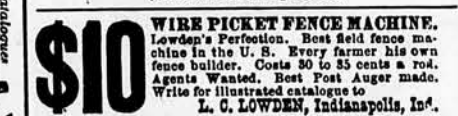


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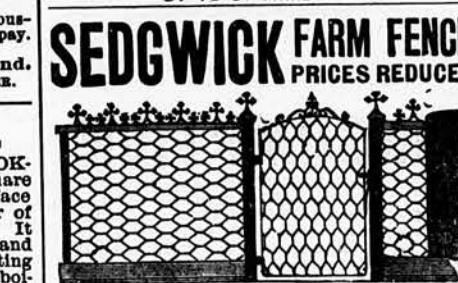
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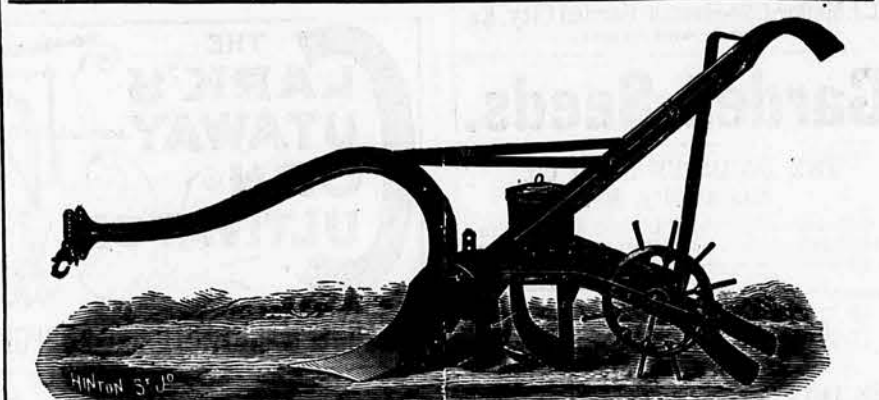


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Ratio of Assets to Liabilities.....	127 per cent.
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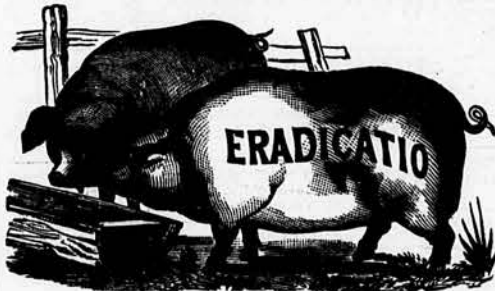
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(Continued from page 1.)

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