

THE KANSAS FARMER

ESTABLISHED 1863.

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SHEEP AND WOOL-GROWING.

EDITOR FARMER:—Feeling a deep interest in sheep husbandry, I read with care, what I find said or written on the subject, in the different agricultural papers. One reason of my interest in this subject arises from the fact that I am contemplating engaging in this business in some of the Western or Southern States. I would like to learn what breeds or breed of sheep pay best in Kansas. Prof. J. H. Lee, in speaking before the Farmers' Institute at Manhattan, says: the Cotswold for wool and mutton, Merino for fine wool, this everybody says; but which pays best, all things considered. Will the larger sheep with coarse wool, (which is longer and much thinner than the Merino) bear herding in large numbers as well as the Merino? I have had much experience in raising sheep for a period of nearly 40 years. I began with a flock of about 1200, and for 30 years kept from 1200 to 5000, feeding hay more than half the year. Our sheep in the beginning, were what we term Natives something like the Mexican, though not quite as coarse, destitute of wool on the belly, shearing about 2½ lbs. brookwashed wool; about one sheep in 10 was black. About 1834 we purchased a few Spanish Merino bucks, also a few ewes; these bucks were turned into a large flock of ewes, probably 100 ewes to each buck. The result was, that after a few years, not a sign of Merino blood remained, except, now and then, an animal with an exceptional constitution sufficient to withstand the treatment given the flock. Not one of the full blood Merinos survived two years. Our sheep run in fenced pastures, in flocks of 500 or 600 during the summer, and were wintered in flocks of 150 to 200, fed on stock and hay made from a good quality of grass, but much of it cut late, after the seed began to fall. No shelter was provided excepting such as was afforded by the stock, and sometimes a natural shelter of wood. Water was not considered essential when snow was accessible. Our average loss was, at that time, from 15 to 25 per cent. A few years later when fine wool was in demand, we introduced, quite extensively, a lot of Saxony bucks, of very fine quality of wool, but what would now be considered very light fleeces. These had about the same effect upon the flock that the Merinos had, but being more numerously introduced, and perhaps a little more care bestowed upon them, a greater infusion of their blood was visible, though the mortality increased largely, about this time. These sheep being light-fleeced and of slender constitution, our loss was about equal to the increase, and diseases came with the new breed that were unknown to us before. Some years, one in particular, our loss was fully 50 per cent. The greatest wonder now, is, that any survived the treatment. In time we imported a lot of Leicestershire bucks and ewes, by way of Quebec, through a friend (Hon. Wm. Price), who sent out lumber to England and brought the sheep on a returning vessel. These we proved would not prosper when mixed with other sheep in large flocks, and subjected to such treatment as we gave them; although at this time we had slowly commenced improvement; furnishing open sheds to lambs and breeding ewes. Our sheds were 12 of 14 feet wide, open on the side fronting south or east, really no better than a good tight fence as a wind break, the accommodations being insufficient for more than half the flock. During the prevalence of the scab in our flocks, which lasted several years, all kinds of remedies, were resorted to, and many quacks employed, mostly foreigners, who generally used some kind of ointment rubbing it on by hand, but at last we learned that tobacco would do the work as nothing else would; and now if I had a flock, large or small, I would dip them at once in a strong decoction of tobacco if infected with scab, no matter how cold the weather, though I would prefer a warm or mild day. I have dipped them in January with thermometer at zero with perfect success. Using 100 pounds of good plug tobacco on 200 stout Merino wethers; much less would do when the wool is shorter and care taken to squeeze the wool before letting the sheep go. Sheep Husbandry in Vermont is now confined to very narrow limits; only a few flocks remain of the thousands bred a few years ago, these mostly thorough-bred Merinos, with a few flocks of the long-wool. Our open sheds are done away, and warm barns or close sheds have taken their places. The average loss is not greater among our sheep than in our herds of cattle, and instead of 2½ lbs. of brookwashed wool, of 40 years ago, we get from 5 to 10 lbs. Have tried the South-Downs and

Cotswold, the former of which gave us the best profit of any breed; excellent for mutton, but of no account for wool. Cotswold I think, are among the best of the long-wool sheep. And now let me say what I think, but few will agree with me in, viz: that with my experience, give me a high grade Merino both for wool and mutton. I think mutton from high grade Merinos, will pay as much for the feed, as from any breed with which I have experimented. I am fully convinced that good, warm, dry, well ventilated quarters, with suitable feed and water always accessible will do much to acclimate sheep, even those bought in Missouri or Iowa.

I would like to hear from some of your Western or Southern sheep men. Vermont experience and Kansas, no doubt will differ widely in many respects. E. M. Shelburne, Chittenden Co. Vermont, March 13, 1877.

LET THEM GO OR LET THEM STAY.

We can seldom read a paper or magazine, which does not have some high-toned theory by which farm life is to be made easy, profitable and happy. Some plan by which farmer's sons are to be kept upon the farm, and farmer's daughters happily married to tillers of the soil; all of which reads very nicely, sounds well and has an air of truthfulness about it which would almost convince us that all such articles are true, did we not remember that a great majority of such communications are written by men sitting in their city offices and know nothing practically, of their subject. Why is it we never have any methods advanced by which young men can be kept in the towns, or plans given by which they can be induced to become Lawyers, Doctors or Ministers.

The answer is: The professions are already full and there is no necessity for making an effort to get others to join them.

Is not the farming profession well supplied? Take the older Western States and all the Eastern States, are not the farms supplied with sufficient force to cultivate them? I have failed at any time in my life to see land lying idle for the want of employees to do the necessary work. The subject of farm life reduces itself to the simple rule of demand and supply being equal.

The time will never come when we will not have plenty of agricultural laborers. The great question for us to solve, is how we can make the most of our young men in whatever profession they may choose to enter.

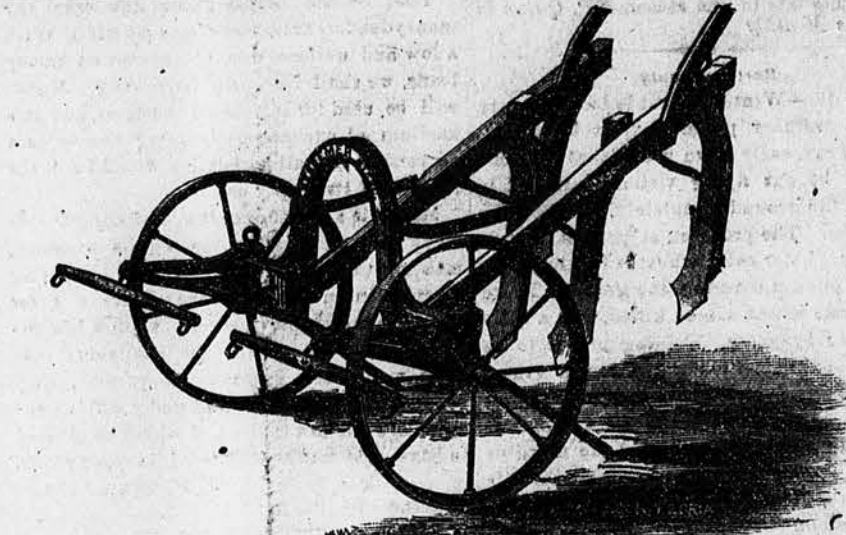
In reading the biographies of our great men we find a majority of them have come from the farm. Is there any one who would wish that such men as Lincoln or Greeley had remained upon the farm, instead of giving to the world a model of American patriotism? Yet who would dare to say, but as noble, true and honorable men, as they, do live and die upon the same rural homestead which first taught them to love its beauties and drink deep of honest manhood from its surrounding hills and valleys.

Instead of trying to bend the youthful mind in some especial direction, hoping the boy may follow the pursuit of the father, the aim should be to create within it a power to think and reason for itself, that when it comes to a proper age to know the responsibility of making a livelihood, it may be able to judge of its own mental powers and know what its natural tastes are. There can be no doubt but there is a great deficiency in our educational system, and especially in the country. Children are crammed with a little smattering of arithmetic, grammar, geography, reading and writing, but in such an unsystematic manner that it does but very little good so far as preparing them for the duties of real life.

If the day ever comes that our schools are supplied with teachers, who will make thinking, reasoning belongs of our boys instead of machines, one great step in the solution of the farmer's sons' question will be made.

It is remarkable from what small things the most wonderful results will come. The movement of a poised, steel needle overthrew opinions that had been endorsed by the highest human authority, and from it the world was proven to be round instead of flat. A piece of rubbed amber attracted a straw; that little fact investigated, resulted in the invention of the electric telegraph.

A sunbeam coming through an angular piece of glass produced a play of colors, and the rainbow is explained. So upon the farm; the library, the globe, the maps, the charts, the organ or piano, which find their way into the home circle are just so many radii from which will flow streams of culture that shall



The New Departure (Tongueless) Cultivator.

The above Cultivator was introduced last season by the Agricultural House of Trumbull, Reynolds & Allen, Kansas City, Mo., who are always in advance in the introduction of new, improved farm machinery. Their trade on the "New Departure" last season was beyond their expectation. And this season the demand has already taxed them to their utmost to fill. It will eventually take the place of the old style tongue cultivators. Where they have introduced it the farmers are disposing of their tongue cultivators in order to buy the New Departure.

The advantage possessed by "THE NEW DEPARTURE" over all other Cultivators are very numerous and valuable. Space will not permit naming all of them. Briefly, we can maintain for "THE NEW DEPARTURE":

1. That it is the most simple in construction and easiest operated.
2. The front, or carriage, is composed entirely of steel and iron.
3. It is more compact, and occupies little space for storage.

4. It is lighter, and requires less draft from the team.
5. It has no down draft nor side pressure.
6. It causes no sore necks nor galled shoulders.
7. It has no complicated evener—each horse is compelled to do its share of the work.
8. The pitch of the shanks having safety-pin braces, can be adjusted to a nicety.
9. It runs steadier over cross furrows and uneven ground.
10. On side-hill ground the wheels are always retained in the path of the team by the draft.
11. It will plow closer to the fences at the ends of rows.
12. It can be turned quicker and easier, and will break down fewer plants.
13. It has four large twisted shovels, and will hill up the soil better in "laying by" the crop.

No corn raiser can afford to be without the "New Departure," and if your merchant does not keep them, write direct to Trumbull, Reynolds & Allen, Kansas City, Mo.

1881 Male calves.....	23
1882 Male calves.....	23
1883 Male calves.....	23
1884 Male calves.....	23
1885 Male calves.....	23
1886 Male calves.....	23
1887 Male calves.....	23
1888 Male calves.....	23
1889 Male calves.....	23
1890 Male calves.....	23
1891 Male calves.....	23
1892 Male calves.....	23
1893 Male calves.....	23
1894 Male calves.....	23
1895 Male calves.....	23
1896 Male calves.....	23
1897 Male calves.....	23
1898 Male calves.....	23
1899 Male calves.....	23
1900 Male calves.....	23

On Nov 1st 1893, I estimate their value as follows:	
138 Bull 6½ years old thoroughbred.....	\$1000
50 Cows 6½ years old common blood.....	1500
23 Steers 4½ years old blood.....	1510
21 Cows 4½ years old blood.....	840
21 Steers 3½ years old blood.....	845
19 Cows 3½ years old blood.....	860
23 Steers 2½ years old blood.....	555
24 Cows 2½ years old blood.....	555
21 Steers 1½ years old blood.....	440
22 Cows 1½ years old blood.....	395
23 Steers calves 6 mo. old blood.....	12
21 Cows calves 6 mo. old blood.....	10
9 Steers calves 3½ years old blood.....	360
9 Cows 3½ years old blood.....	360
18 Steers 1½ years old blood.....	540
18 Cows 1½ years old blood.....	540
23 Steers calves 6 mo. old blood.....	200
23 Cows calves 6 mo. old blood.....	200
4 Bull calves 6 mo. old blood.....	50
4 Cow calves 6 mo. old blood.....	50

384 headworth	
1st cost with compound interest.....	\$1021
Total cost of keeping entire time with compound interest.....	\$3540

Leaves a net profit..... \$2599
I estimate the cost of keeping at \$6 a head per year from calves up, (a liberal allowance for keeping in our State, taking ages of cattle into account), and I compute compound interest at 10 per cent. on amount from end of each year to time of selling.

Even with our present low prices for live-stock, higher prices could be realized by a judicious breeder and feeder. At time of selling than I have estimated. So much for grade cattle.

A farmer having a larger amount of money to invest, who doesn't want to handle a large number of cattle, can do better by investing in same number of good, straight, pedigreed thoroughbred cattle, I think; but as there are few farmers in our State who desire breeding thoroughbred cattle exclusively, I will not trouble you to publish my figures on "short-horns."

GOS-IP.

I see in the FARMER of last week, a note from our county signed T. J. Jones. I do not doubt the truth of what he says as applied to the part of the county where he resides, but as he does not indicate where that is, he leaves the impression that he is speaking for the whole county. This being the case a little correction on at least one point is called for.

He says the grasshoppers left no eggs here. Now this is true of the Western and Southern

parts of the county, but there is fully one-half of the county that it does not apply to. The eggs were laid about here in great numbers but in spots and particular kinds of soil. They are just beginning to hatch out here. On yesterday I went out into a piece of ground that was planted to cabbage last year, just at the eastern limits of this city and from two square feet of surface took out over 1000 eggs. I could see no signs of their immediate hatching out, but by the time I had carried them some 200 yards to my house they began to come out. I placed them on a paper on the table and in the space of five minutes 2 dozen or more struggled out of their pupariums and began to crawl and hop off at quite a lively gait. Immediately after leaving the egg they would hop a distance of from three to five inches. Farmers tell me that they have been hatching out in vast numbers during the last two or three days. The earlier they come out the better for us. But little fear is felt of any serious damage being done by them in this county. A vigorous fight will be made on them as soon as they are out. I am gratified to see several of the recommendations, I made through the FARMER, endorsed by our law-makers and formulated into laws. I see congress has wisely made an appropriation for a commission to interview Mr. G. Hopper in his Western home. Now if the President will give us Riley of Missouri, LeCombe of Penna. and Packard of Mass. on that commission I feel confident this locust question will soon be settled.

Another recommendation made by your correspondent was to authorize the road supervisors to call out all hands to fight the pest. This law meets with hearty approval so far as I have heard from the people. If this plan is carried out intelligently and vigorously there seems but little doubt that the evil will be subdued with but little loss to the State. Still another measure urged by us through the FARMER was the establishment of a State "Fish Commission." The legislature had the good sense to endorse this also. If the appointment of commissioner was made on a ground of qualification and merit and not for political services rendered or to be rendered this will prove to be a very great benefit to our State. And having known our Governor for many years as an ardent, active friend of agriculture, I can but feel sure he has aimed to make the best appointment possible to be made in the State. Of this, however, we shall know more when we shall have seen his first annual report. In conclusion I wish to express my regret that the Kansas FARMER does not find its way to the home of every farmer in Kansas. L. J. TEMPLEN, Hutchinson, Reno Co. Kansas.

Horticulture.

PRUNING FRUIT TREES.

This work may now be done, at any time when the weather is warm enough so the workman can keep comfortable. As a rule, large limbs should not be cut. If trees have been well trimmed from the beginning, this will be unnecessary. Few orchards, however, have been thus well cared for by their owners. The object in raising trees is to have fruit, and every one desires to produce fruit of the best quality. This can only be accomplished by paying good attention to the trees. An apple tree left to itself may produce a few crops, while young, of fair fruit. This will not long continue unless careful attention is given to pruning. We might as well expect to raise large, ears of corn with twice or three times as many stalks in each hill, as expect to find large fine apples on a tree with a brush heap for its head. Still trees should not be trimmed bare. The fruit or blossom twigs along the limbs must not be cut off, if we expect a full crop. These are the old branches on the principal limbs, of from a few inches to a foot or more in length. The sap sprouts are a very different growth. They grow up straight, without branches, are easily distinguished by their smooth, clear looking bark. These as a rule should be all cut away. The exception is where there is an open space, to fill which you wish to train a limb. Few if any farmers trim enough. Many leave twice or three times as many limbs on their trees as are profitable.

I remember, some fifteen or twenty years ago, noticing an acquaintance training his young trees. I thought he left entirely too few limbs. He has kept them well thinned ever since. No limbs in your way here in getting through the trees to pick apples. Every one said to the owner, "You trim too much. You will spoil your trees." His answer to all was, "We shall see." Now, as to the result: His orchard is healthy. No one brings as fine fruit to market as he. His apples average at least fifty per cent larger than others of the same varieties. I have an orchard there are quite a number of French or Yellow Bellflower trees. They had ceased bearing almost entire-

See Black

ly, although they had large fine heads. Four years ago, while trimming our orchard, I said to a son who was helping me, "These Belle-fleurs are good for nothing, though fine looking; we will give them a good dressing; then if they will not bear fruit we will cut them down." When we had finished I said to my son, "You have overdone the matter I think you have spoiled your trees. You might as well cut them down now." Results: We have had two good crops of apples on these trees since that time. On mine, they were fair, nice apples, and a good crop. On the son's were many less in number, but as many bushels; all large, and of the very best quality, as to size, color and flavor. In fact all beauties.

Still, at the time, I thought I had trimmed mine more than enough. The trees are now all healthy, and we are taking at least half the brush from the trees I trimmed, as I thought so thoroughly four years ago. Pear trees want to be trimmed about like apple trees. Quince trees are more of the bush form, and should be pruned accordingly. Cherry trees do not need so much, but still I think most persons neglect them to the owner's cost.

About June or the first of July orchards should be gone over, and the sap or new, straight sprouts pulled off. This is easily and quickly done then, and gives the fruit the advantage of what sap these worthless sprouts consume. As for tools to prune with, a fine saw for the larger limbs, and a pair of pruning shears for small limbs, will be found all that is required. In using the shears be careful to have the cutting blade next the tree from which the limbs are severed.—G. S. Sims, in *Ohio Farmer*.

AN ORCHARD IN KANSAS.

Mr. Joshua Taylor in the *Fruit Recorder* says:

I would not plant apple trees more than 20 to 25 feet apart, and if set the latter distance. I would fill in between the apples trees with peach trees. An apple orchard planted 20 feet apart, will produce more fruit to the acre the first 25 years, than if planted at a wider distance, and 25 years is about as far ahead as I propose to make business calculations. In purchasing trees, order those with low heads and not more than two or three years old.

In setting the trees I would plow the ground deep, dig the holes wide but not very deep, throw some rich surface soil on the bottom of the hole for the tree to stand on, place your tree in the hole with the heaviest part of the top to the southwest, and lean the tree a little in that direction; have a boy to hold it in that position while you fill up with mellow soil, treading the earth firmly until level full, then mulch, not with manure or coarse litter, as usually recommended, but throw up a mound of earth six or eight inches high around the tree, and some wider than the roots extend; this mound of loose earth will hold moisture about the roots, and keep the tree in its right position until the roots get a good hold and it becomes established in its new position; the mounds will wear away in two or three years, so as not to be noticeable. Trees planted as above, of course need no staking, and if the ground is cultivated in corn or vegetables the first few years, the trees will grow and do well.

I prune the trees rather severely at time of planting, to balance loss of roots; the trees should be carefully pruned the first two or three years in an orchard, to get them in shape. As the trees approach in size; prune less, only taking out such limbs as are growing in a direction to chafe each other. A few water sprouts may be cut out, and sprouts that grow up about the stem should be cut off.

I do not believe in as much pruning as is recommended in the East. Low heads and rather dense tops are best here. In speaking of low heads, I have reference to trees headed about two feet from the ground.

SETTING SMALL FRUITS.

Many persons are deterred from going into the growing of small fruits by the impression that it is a costly, tedious job to set them out by the acre. We propose in a few words to tell how it can be done quickly, safely and well. For strawberries, have the ground well plowed and harrowed; plow out all furrows 3½ to 4 feet apart with a one horse plow, keeping the land side of the furrow as perpendicular as possible. Then if the strawberry plants have had their roots well straightened out when taken up, and kept in bunches, and well soaked with water, a small boy can pass along dropping them in the furrow one foot apart, a man follows "straddling" the furrow on his knees, and taking the plant in his left hand and placing it against the land side of the furrow, with the root spread fan shape, drawing earth in against the plant. We have had as good luck with plants set out in this way as any, and can set more plants this way than by any other. One great advantage in setting thus, is that the roots get well spread out and if careless hands are doing the job they are more apt to get the roots all in and spread out than if set with a trowel or dibble.

For raspberries and blackberries plow furrows a proper distance apart and then cross plow or work where the plants are to be set in the row, with one hand hold the plant down and with the other hand draw in earth with a hoe. Currants and gooseberries can be set in the same way. Never set any kind of small fruit on a ridge unless it is very wet soil, and then it is better to plow "lands" back furrowing, and plant on these "lands."

In setting all kinds of roots, put the root in water and take them from it as set out. Another important point is, not to have any top or wood on to speak of, more than to show where the plants are. Many persons suppose that by setting out raspberries and blackberries, grapes, &c., with bearing canes, they can get fruit the same year. This is a great mistake, no wood should be left on, for if allowed to yield fruit the first year the plant makes a poor, sickly growth.—*Fruit Recorder*.

THE BEST VEGETABLES TO PLANT.

April and May are the two busy months in a well-managed vegetable garden. During these months, the most important work of the season has to be hurried through, for planting time is short, and there are many small matters that need prompt attention. First of all is the selection of choice garden seeds of recent growth, and such as will be found true to name. The surest way is to select from each year's crop a few of the best specimens of the same to raise seed from. For the rest, send to some responsible seed merchant, and don't depend on the kind of stock found in small boxes in the country grocery stores. As a matter of reference for those not familiar with the best sorts of vegetables, seeds and plants, I append the following list, naming two or three kinds of each to select from.

Dwarf Beans—Early Valentine and Refugee. Pole Beans—Large White Lima and Horticultural Cranberry. Beets—Dark Red Egyptian and Long Smooth Black.

Cabbage—Jersey Wakefield (early), and Premium Flat Dutch and Drumhead Savoy (late).

Cucumber—White Spine and Long Green. Carrot—Bliss Improved Long Orange. Corn—Moore's Early and Stowell's Evergreen.

Cauliflower—Early and late Erfurt. Celery—Dwarf Incomparable and Boston Market.

Egg Plant—Improved New York. Lettuce—Curled Sibola and Butter. Musk Melon—Stillman's Fine Netted. Water Melon—Mountain Sweet.

Onions—Wethersfield Red and White Portugal. Parsnips—Long Smooth.

Peas—Philadelphia Extra Early, Carter's First Crop, Champion of England, and White Marrowfat.

Peppers—Large Squash and Bullnose. Radishes—Turnip Scarlet, Long Scarlet and White Spanish.

Squash—Summer Crookneck, Boston Marrow, and Hubbard.

In this brief list will be found the leading kinds grown both by market and private gardeners near large cities. With bush beans, peas, and radishes, it is best to repeat the sowing every two or three weeks, until the middle of June. By following this plan, a fresh supply of these will keep coming on for table use late in the season.—P. Quinn in *Scribner's Monthly*.

Barton County.

March, 18.—Winter wheat is looking very finely, in ordinary parlance, "just splendid." That is to say, early sown wheat that was not destroyed by our flying visitors last fall is covering the ground completely, and looking very green. The prospect, at present, is very promising. Later sown wheat is looking very well, too, but not covering the ground. There is very little wheat winter killed, and a little was killing by geese. Drilling proves to be the only reliable method of putting in winter wheat. It grows more surely, is even, and less liable to be winter-killed than broadcast sowing. In wheat fields where the margins had been destroyed by grasshoppers, there is very much difference in the appearance of the first and second sowings, the latter being the margins, and, sometimes, in small fields, three-fourths, or even eight-ninths, of the whole; yet the second sowing looks healthy, and may not be much inferior to the others in yield, after all. Very much spring wheat is already sown, the work having been in progress for about six weeks. More corn will be planted this year than heretofore, and not much more spring wheat, only a few varieties of spring wheat being worthy of planting, and they are not generally disseminated.

I find very few eggs of the Rocky Mountain locust. I think there were very few deposited in this county. Native grasshoppers are sufficiently troublesome, especially on small farms. They are reported as hatching out in some localities. I have not seen any yet. The weather has been very dry and quite warm lately, and the result has been an unusual number of prairie fires, which, when carried by a high wind, leap ordinary fire guards. The greatest loss is in the destruction of the grass for pasturage, and before we get ready to burn it, in order to destroy the hoppers. Yet, the laying bare of the ground and the dry weather may have the effect of hastening the hatching of the insects, which may prove a blessing, as it would seem that they must starve to death. But nature provides for her small as well as her great; and by the time the creatures are big enough to eat grass, grass will be big enough to be eaten. Farmers here do not much dread an invasion of locusts this year, as nearly all the eggs deposited are farther east and south, and when they get old enough to fly, they will scarcely stop here on their way to their home in the Black Hills. Ellinwood is improving rapidly. There are three new large stores being built, and in good style. One of them is just about ready for occupancy. The new mill is nearly completed, and, when in running order, will draw much custom if they do good work at fair rates. Already Ellinwood is remarked as being the liveliest little town on the Santa Fe road. The inhabitants are about equally divided between intelligent Americans and thrifty Germans, the latter slightly in the majority, though that is liable—whether likely or not—to be changed by the arrival of new comers. The land is rich enough and very easy to till; and every farmer in the neighborhood, thinks he has the best farm in the valley. However, Americans seem somewhat disposed to sell out, and leave this beautiful tract in undisputed possession of the Germans. Very many immigrants are arriving here this spring; and, from present appearances, Barton county bids fair to be at no distant day, the most populous of any in the valley west of Sumner county. B. B. S.

MONEY AND INTEREST.

EDITOR FARMER:—Your paper of the 7th inst. has an article commenting on the production of Mr. Slinnett of Muscatine, Iowa. I would not go so far as Mr. S. recommends, nor would I adopt all that is contained in the letter of his reviewer. There are facts in both of their articles well worthy of the attention of the press of the country. No one should cry down the paper currency of our country nor should any one laud it too highly. I am however free to assert that no nation ever had a better currency, nor a better system of currency than the United States. Then it may be asked, what do we lack? If we have such a good system of money, why do we have such hard times? There have been many theories advanced, but none are so freely combated as the one I suggest: *High interest on money loans*. We have had many papers to argue that over-production caused the panic and hard times; while at the same time we were importing several hundred million dollars

worth of manufactured articles. Some alleged extravagance, some declared it was the war; some a lack of confidence, and so on. While these theories were being discussed, the press would not permit discussion of the "high interest" theory. I speak now of the larger passions.

I maintain the proposition, that there is not now, nor has there been, since the Jay Cook failure, any reason for a continuance of the hard times. The people are subject to except this, that the National Legislature controlled by bankers and their interests, are adverse to the prosperity of the balance of the people. We have a national currency, uniform in all parts of the nation, and now what we need absolutely, is a *National rate of interest* fixed at not above five per cent. Then back up the law with such penalties as are enacted to enforce the revenue laws, and business will revive at once. We do not need anything else. We have plenty of money, and it is good enough for any, and every purpose, and for every class of our people. It will serve all purposes, and we need not desire anything more.

Your Kansas people know how cruel the money-lenders are, but the laws permit it. With a low and uniform rate of interest on money loans, we shall have less borrowing. Money will be used for legitimate business, and as a medium of exchange. Loaning money is a perversion, and all legislation would be in the interest of its proper use.

Money is a creature of law, and any government providing its people with a currency, making it a legal tender and then legalizing speculation in that currency, does a gross wrong to the people thereof. With a low interest, competition with the continental nations would be a success. At present, they can over-ride our tariff and under-sell us because of their low interest. I would be pleased to have this matter discussed in your paper.

J. H. STEVENSON.

Allegheny City, Pa., March 12, 1877.

Stock-growing on the big ranges of Texas, Colorado, Nevada and New Mexico is pursued under many difficulties. Cattle thieves are numerous, and band together and drive off hundreds of cattle at a time. Conflicts occur between cattle-herders and sheep-herders and men are shot down without hesitation.

Patrons of Husbandry.

STATE GRANGE DIRECTORY.

Master, Wm. Sims, Topeka, Shawnee Co. Oversee, J. F. Williams, Grove City, Jefferson Co. Lecturer, J. T. Stevens, Lawrence, Douglas Co. Steward, W. D. Rippey, Severance, Doniphan Co. Asst. Steward, S. W. Fisher, Beloit, Mitchell Co. Treasurer, W. P. Popenoe, Topeka, Shawnee Co. Secretary, P. B. Maxon, Emporia, Lyon Co. Chaplain, W. H. Jones, Holton, Jackson Co. Gate Keeper, Geo. A. Mery, Bourbon Co. Ceres, E. Sims, Topeka, Shawnee Co. Pomona, M. H. N. Barnes, Manhattan, Riley Co. Lady Ast. Ste. Mrs. B. A. Orie, Topeka, Shawnee Co. Flora, A. Ste. Mrs. A. Rippey, Severance, Doniphan Co.

EXECUTIVE COMMITTEE.

M. E. Hudson, Mapleton, Bourbon Co. Chas. N. W. H. Jones, Holton, Jackson County. Levi Dumbauld, Hartford, Lyon County.

STATE CO-OPERATIVE ASSOCIATION.

President, M. E. Hudson, Mapleton, Bourbon Co. Secretary, A. T. Stewart, Kansas City, Mo. Treasurer, W. T. Sims, Topeka, Shawnee Co.

DEPUTIES.

The following named persons have been appointed Deputies for their respective counties, and are hereby authorized and empowered to perform all the duties of their said office in any other county of this state, where no deputy has been appointed.

"Deputies will be re-commissioned, or new appointments made, upon recommendation of County or District Grange or majority of masters in counties where no such organization exists."

Geo. S. Hanna, Gen'l. Dep., Ottawa, Franklin County. John Andrews, Haron, Atchison County. S. D. Underwood, Junction City, Davis County. S. W. Fisher, Beloit, Mitchell County. W. R. Clark, Fredon, Lyon County. D. C. Struberg, Burlington, Coffey County. Jas. W. Williams, Riley, Marion County. R. F. Walcott, Great Bend, Barton County. W. S. Worley, Eureka, Greenwood County. Chas. A. Beck, Oskaloosa, Jefferson County. James McCormick, Burr Oak, Jewell County. L. M. Barnett, Garnett, Anderson Co. Geo. C. Farnum, Maywood, Waudette Co. F. W. Kellogg, Newton, Harvey Co. J. S. Payne, Elm Grove, Linn Co. G. M. Sumner, McPherson, McPherson Co. W. H. Broughton, Phillipsburg, Phillips Co. W. H. Jones, Lawrence, Pawnee Co. W. H. Pierce, Oxford, Sumner Co. James Faulkner, Iola, Allen Co. L. M. Hill, Hill Springs, Morris Co. W. J. Ellis, Miami, W. Co. GEORGE AMY, Glendale, Bourbon Co. E. HERRINGTON, Hiawatha, Brown Co. W. D. COVINGTON, Cedarville, Smith Co. W. H. Jones, Holton, Jackson Co. J. H. CHANDLER, Neosho Falls, Woodson Co.

Wm. Sims, Master.

PROCLAMATION.

Notice is hereby given, that official information has been received at this office of the ratification of the following amendments to the National Constitution, and that the same is now in full force, to wit:

"Amend ARTICLE I, SECTION 2, by inserting after the word 'ballot,' the following words: 'any fourth degree member in good standing, shall be eligible to office, or to receive the degrees in the County, District, State or National Grange, within whose jurisdiction such member may reside, but shall not be entitled to vote.'"

"Amend ARTICLE 1, SECTION 4, so as to read as follows: Sec. 4. There shall be an Executive Committee of the National Grange consisting of three members, whose term of office shall be two years. The Master of the National Grange shall be, *ex officio*, a member of the Executive Committee, but shall not be entitled to vote, except in case of a tie."

Wm. Sims.

Master Kan. State Grange.

P. S. In connection with the above amendment, Section two, article one, National Constitution, I desire to call attention to Section ten, (10) Article ten, (10) State Constitution, which reads as follows, to wit:

"Section 10. The minimum admission fee for the fifth degree in the Pomona Grange, shall be one dollar for males and fifty cents for females."

W. S.

THE DEATH OF BRO. JNO. A. PECK.

At a meeting of Capital Grange, the following resolutions were unanimously passed. Brother Peck was one of the most highly respected and honored members of the Grange, and his loss is one sincerely felt by the entire community.

WHEREAS, Our Divine Master has deemed it best to remove by death, from among us our Worthy Brother, John A. Peck. Fully appreciating the loss we have sustained, and in attestation of the esteem in which the departed brother was held, therefore as an expression of the sentiment and feeling of the members of Capital Grange,

Resolved, That by the death of Bro. John A. Peck, our Grange has sustained the loss of a valuable member, a good counsellor and co-worker. The community has lost a valuable, public-spirited citizen, the acts of whose life, either in public affairs or private business, was squared by the rule of justice, a citizen so far above reproach, that the shafts of even envy were not unloosed against him, none knew him but to respect and honor him. Our high appreciation of his character does not end with fraternal regard as a true and consistent member of our Order, but extends to his acts as a wise counsellor in public affairs, remembering his unselfish devotion to the interests of the community in which he lived, to his record as an honorable, high-minded business man, to a social intercourse that all enjoyed.

While deeply deploring the loss of so true a brother, and one whose usefulness in a field of labor among us was recognized by all, we nevertheless bow in our hearts and minds to the decree of Him who wisely orders the affairs of the universe, to the Master, who, we believe has but removed Bro. Peck from a field of usefulness here among the affairs of men, to one wider, happier and more enduring.

Resolved, That to the wife who has lost a companion and kind husband, to the children who have lost a valuable advisor, an indulgent and affectionate father, and to the relatives of the deceased who have lost a true friend, we extend our feeling of fraternal regret, and assure them of our sympathy in this time of their affliction, and for their great loss.

RULINGS AND DECISIONS BY MASTER OF STATE GRANGE.

EDITOR FARMER: At the instance and request of interested parties, and for the information, guidance and convenience of Officers and members, the following consolidation of rulings and decisions, heretofore promulgated from this office, together with such additions as have been suggested from time to time, by inquiries received, are now here finished and publication requested in your paper, to wit:

No Grange can suspend a By-law or constitutional provision; but rules of order may be suspended by unanimous consent, or in such manner as is within themselves provided.

A Grange cannot change its name after charter has been issued.

No vote can be taken on any question except in the 4th degree.

No member can, under any circumstances, be required to tell how he voted.

Any Grange admitting members, for less than the regular fee, shall be subject to revocation of charter.

No person can be admitted to membership, as a charter member, or on application for degrees, who resides within the jurisdiction of any other Grange, previously organized, without consent of said Grange, and in case of violation of this provision—through misapprehension of facts, or otherwise—the Grange so offending, shall on demand, pay over to the Grange whose jurisdiction is infringed upon, the membership fee, less the amount paid to the National or State Grange, on account of the fee by them received from any such member; the member, in all such cases to retain his membership in the Grange to which he has been admitted.

Members holding dimitts may apply to any Grange, for admission, "and may be admitted to membership without additional fee, subject to the same form of petition, investigation and ballot as those applying for membership; but shall pay all dues from date of dimit, the same as if they had remained members." (See Sec 6, Article 11, Constitution S. G.)

The State constitution, as amended at last session, provides that dimitts "shall be good for one year only." Therefore, in order to do justice, in cases which are continually being brought to my knowledge, I have found it necessary to promulgate the following:

A member holding a dimit for one year or more, shall be considered an "ancient Patron," and may be admitted to membership in any Subordinate Grange in this State, (subject to the same form of application and ballot as a person applying for the degrees) upon the payment of such membership fee as may be prescribed by the By-law of any Grange to which he or she may apply for admission, which fee shall in no case be less than one dollar.

A Grange may hold its meetings within the jurisdiction of another Grange, by first obtaining the consent of the Grange whose jurisdiction is infringed upon.

A Grange should establish its center of jurisdiction, by its records, and then it may hold meetings anywhere within the jurisdiction so established, where no center has been established of record, the place of meeting shall be the point from which jurisdiction shall be determined.

Granges and co-operative associations, may appoint a person, who is not a member of the Order, as business agent.

Suspension does not excuse a member from payment of dues during the time of suspension. When members shall have been "dropped from the roll," as provided for in Sec. 9, article 11, State constitution, their connection with their Grange and the Order, shall be considered severed and their membership terminated. The Grange, however, reserving to itself

the right to reinstate any such dropped member, upon such terms as it may prescribe.

A member must not disclose, outside of the Grange, the result of any unfavorable ballot.

A person elected to membership or office in any manner other than by ballot is not legally elected.

A Grange may ballot for a candidate and confer the first degree upon him at the same meeting.

A ballot must be taken upon an application whether the report of the committee is favorable or otherwise.

The application of a candidate may be withdrawn at any time before a ballot is ordered. After a candidate has been elected, objections may be made to his initiation, and if sustained by a majority of the Grange, his application shall be rejected and his membership fee refunded.

If, after being elected, a candidate fails to present himself for initiation, the Grange is under no obligation to return the fee.

A dimit member cannot be received as a charter member in another Grange, without the payment of the full charter fee.

Persons not members of the Order must not be permitted to read the Ritual.

A member receiving a dimit is not entitled to withdraw any portion of the funds or property of the Grange.

Any member in good standing, who is clear on the books, is entitled to a dimit or withdrawal card, as a matter of right, upon application and payment of fee.

The Master does not vote except in voting by ballot or in case of a tie.

The Overseer has the right to refuse permission to retire from the Grange.

All Deputies, to whom the A. W. has been communicated, in this State, have been specially authorized to communicate the same to all Masters of Subordinate Granges, upon satisfactory evidence that their Granges are clear on the books of the Secretary of the State Grange.

In case of suspension or revocation of charter of a Grange, the members who thereby become unaffiliated, can join any other Grange in the following manner: The member will make a statement, in writing, of the facts in his case, to the Secretary of the State Grange, which statement must be endorsed by the Master and Secretary of some working Grange or county Deputy, and accompany said statement with the amount due from him to his subordinate Grange, at the time of such suspension or revocation of charter, and fee of twenty five cents. The Secretary of State Grange will then issue to such member a certificate of the facts in his case, which shall in all cases, be treated and respected as a dimit.

Members of dead or dormant Granges, (having failed to meet for three months consecutively) may be dimitted, as provided for in Sec 8, article 11, State constitution, 1876.

Any member in good standing may prefer charges, before the State Grange, against the Master of his Grange.

A suspended member cannot be admitted to the meetings of a Grange.

Any member, holding a dimit, is subject to trial, before the Grange in whose jurisdiction he may reside.

Masters, Past-Masters, Deputies and Fifth Degree members have power to install officers in subordinate Granges.

I desire to again, call attention to the importance of each county securing the appointment of a Deputy.

No appointments can be made, until the proper recommendation is received from Pomona Grange or majority of Masters of county.

Wm. Sims,

Master Kansas State Grange.
P. S. Papers friendly to our Order please copy.

MEETING OF THE KANSAS STATE GRANGE AT MANHATTAN, KANSAS.

THURSDAY AFTERNOON.

Grange met. Overseer in the chair.

After several miscellaneous matters were disposed of, the Committee on "Appeals and Grievances" made report, with the following recommendations:

1st. In case of T. D. Wickersham vs. Ashland Grange, No. 392, we recommend it be referred back without action, as no papers accompany the appeal.

2nd. In case of William Thompson, of Blue Rapids Grange, we recommend no action, only to commend the action of E. T. Jones, Master of Phoenix Grange in refusing to act on the suggestion of Blue Rapids Grange to "send delegates to a political convention."

3d. The complaint of John Fosterin, of Burr Oak, Jewell county, is not within the jurisdiction of this body, he not being a member of the Order.

All of which is respectfully submitted. J. E. Barrett, E. P. Dow, G. W. R. Ward, Committee.

Then proceeded to the election of officers for the ensuing term of two years, which resulted as follows:

W. M.—Wm. Sims, Topeka, Shawnee Co. W. O.—J. F. Williams, Grove City, Jefferson Co. W. L.—J. T. Stevens, Lawrence, Douglas Co. S.—W. D. Rippey, Severance, Doniphan Co. A. S.—S. W. Fisher, Beloit, Mitchell Co. C.—W. H. Jones, Holton, Jackson Co.

Then adjourned to 7 P. M.

EVENING SESSION.

Grange met. Overseer in the chair. Roll called, 35 present. Proceeded with the election of officers as follows:

Treasurer—W. P. Popenoe, Topeka, Shawnee Co.; Secretary—P. B. Maxon, Emporia, Lyon Co.; L. A. S.—Amanda C. Rippey, Severance, Doniphan Co.; Ceres—Hannah A. Sims, Topeka, Shawnee Co.; Pomona—Helen M. Barnes, Manhattan, Riley Co.; Flora—Bina

OGGINS,
., Kansas. | Franklin County,

A book to Sheep Growers, will be sent free

by addressing,
S. H. KENNEDY,
Omaha, Nebraska.

2,000,000 Osage Hedge Plants at very low
rates in large quantity. Send for sample price
before you order. Address E. F. Cadwalla-
der Miami County Nursery, Louisburg, Kan.

8,000. RASPBERRY SETS.

For sale at \$10.00 per 1,000, send orders to
JONATHAN WILSON, Lawrence, Kansas.

MONEY! MONEY!!
If you wish to borrow money upon Real Estate, and get your money without sending paper East, and at reasonable rates, go to the **KANSAS LOAN AND TRUST CO.** Topeka, Kansas.

May Brothers of Galeburg, Illinois, wish to employ young farmers as canvassing agents for their late Improved Wind Mills. Retail Price \$50. Write for terms.

Plant the sweet Amnden peach in Kansas and the south-west, See advertisement of Carthage Peach Nursery in this paper.

TO CONSUMPTIVES—MANY HAVE BEEN HAPPY to give their testimony in favor of the use of "Wilbor's Pure Cod Liver Oil and Lime." Experience has proved it to be a valuable remedy for Consumption, Asthma, Diphtheria and all the diseases of the Throat and Lunge. Manufactured only by A. B. Wilbor Chemist, Boston. Sold by druggist generally.

THE ROAD TO HEALTH.—Cleanse the stomach, bowels and blood from all acrid, corrupt and offensive accumulations and you remove the cause of most diseases, and thus preserve good health, and also save large doctor's bills. The most effectual and reliable remedy to this purpose is **Simmons' Liver Regulator** *purely vegetable*. The trial of one bottle of package will prove to the patient the virtue of this medicine.

Get the Genuine Article.—The great popularity of "Wilbor's Compound of Cod Liver Oil and Lime," has induced some unprincipled persons to attempt to palm off a simple article of their own manufacture; but any person who is suffering from Coughs, Colds, or Consumption should be careful where they purchase this article. It requires no puffing; the results following its use are its best recommendations, and the proprietor has ample evidence on file of its extraordinary success in pulmonary complaints. The phosphate of lime possesses; most marvelous healing power, as combined with the pure Cod Liver Oil by Dr. Wilbor.

James Reynolds & Co., live-stock commission merchants, of the Kansas Stock Yards, Kansas City, Missouri, are building up a large trade in the live stock commission business. Mr. Reynolds has had many years of experience in the handling of stock, and there are no better judges of cattle, hogs, and sheep than he. He devotes his entire time to his business, and stock dealers will do well to make consignments to his firm.

THE SEASHORE AND WATERING PLACES
Of the East become uninviting after frequent visits, but the wonderful scenery of the Rocky Mountains and the magic waters of the mineral springs have continued interest for the tourist, and untailing benefits to the invalid. The Kansas Pacific Railway is the highway to all the great resorts of the Mountains. Buy your tickets direct to Denver over the Kansas Pacific Railway. Send to D. E. Cornell, General Passenger Agent, Kansas City, Mo. for descriptive pamphlets.

EDITOR FARMER; — Please inform Farmers and Trappers, through your columns, that they can always obtain the top of the best Hides in cash, for their Hides, Furs, Wool, Pelts and Tallow, at the Old Leather Store, 135 Kansas Avenue. And say further to farmers, that we can supply them with the best quality of Harness Leather, Sole Leather, or Upper Leather, in any quantity desired, together with Thread, Lasts, Awls, Wax, Brushes, Pegs, Nails &c. &c. Prices satisfactory.

Respectfully,
HARTSOCK & GOSSETT,
135 Kansas Avenue.

ADVERTISEMENTS.

In answering an Advertisement found in these columns, you will confer a favor by stating you saw it in the KANSAS FARMER.

W. M. HASTIE, Somerset, Warren Co., Iowa, breeder of Short horn cattle, Cotoiswald and Leicester sheep. Stock for sale. Correspondence solicited.

25 FANCY CARDS. all styles, with name, 10c.; 25, 30 Cardinal Red, in Gold letters, with name, 20c.; 30, Fancy Scroll, 15 styles, no name, 10c.; p-st-paid, J. B. HUSTED, Nassau, Remse. Co., N. Y.

33 WILL PAY for 6 nice plants, prepaid by mail, of the Capt. Jack, Triumph of Cumberland, Col Cheney, Star of the West, Monarch of the West, Boyds No 30, and six each of Downer's Prolific and Chas. Downing, the best early strawberries. This is the champion list. **SMALL FRUITS A SPECIALTY.** Address, **W. M. K. KING** (Rural World Office), 33 Olive st., St. Louis, Mo.

FOUR TON SCALES.

\$90 Including setting up, and other sizes at like reduction. Warranted to do the work in use or no sale. Send for circulars. Address, U. S. SCALE CO., Litchfield, Illinois.

Deplysy or Fits.

A SURE CURE for this distressing complaint is now widely known in a Treatise (of 48 octavo pages) on *Zozyma* and Native Herbal Preparations, published by O. FHELPS BROWN. The prescription was discovered by him in such a providential manner, as he attests, that he cured everybody who has used it, and no longer failed in a single case. The ingredients may be obtained from any druggist. A copy sent free to all applicants by mail. Address D. O. FHELPS BROWN Grand Street, Jersey City, N. J.

BARNES' FENCE STRIP.

Can't Sag like Wire.
More apparent to sight.
Made of Band Iron.
Sharp Barbed Edges.
Water-proof Coating.
Sells less Barbed wire.
Costs less board fence.
W. G. & W. BARNES.

BEAUTIFUL FLOWERS.

By Mail, Post Paid.

"The Greatest Inducement Ever Offered."

We will send by mail, postpaid, any of the following six Collections for \$3.00. The plants are all strong, healthy and in fine condition for mailing.

COLLECTION NO. 1.
 1-7 Choice Monthly Roses, assorted.
 2-12 Zonal Geraniums, now assorted.
 3-12 Double Geraniums, fine assortment.
 4-30 Verbenas, best assorted.
 5-10 Fuchsias, best Double and Single.
 6-12 Monthly Carnations, assorted.

COLLECTION NO. 2.
 7-6 Choice Named Azaleas.
 8-12 Choice Colons, assorted colors.
 9-12 Tuberoses, extra large bulbs.
 10-16 Basket Plants, assorted.
 11-12 M. Roses, 4 Geraniums, 6 Verbenas, 2 Fuchsias, 2 Carnations.
 12-1 Geranium, 6 Verbenas, 2 Colons, 2 Tuberoses, 2 Carnations.
 13-9 Verbenas, 3 Geraniums, 2 Fuchsias, 2 Heliotropes, 2 Begonias.
 14-3 Fuchsias, 3 Geraniums, 2 Heliotropes, 2 Colons, 4 Verbenas, 2 Azaleas.
 15-3 M. Carnations, 4 Verbenas, 2 Feverfews, 2 Heliotropes, 9 Rose Geraniums, 2 Double Petunias.

We guarantee the safe arrival of plants to any part of the United States or Canada, at all seasons of the year, as we ship annually thousands of packages by mail, with the best of success, and giving entire satisfaction to the purchaser in every respect.

The collections will be our selection of varieties, and no part of the collection will be sent for less than the price named, \$1.00.

Send three cent stamp for illustrated catalogue of Plants, &c. Special price list sent free. Address,
PAUL BUTZ & SON,
 "Croton Floral Gardens."
 Established 1831. NEW CASTLE, PA.
 Say where you saw this advertisement.

\$200.00 IN PREMIUMS!

For the largest amount of fruit produced in 1876 from plants set the present season, of the famous

Col. Cheney Strawberry.

The hardest, most productive, largest, handsomest and most delicious strawberry in cultivation.

Herman Laeber of Germantown, N. Y., has grown this berry nine inches in circumference, and at the rate of more than fourteen thousand quarts per acre.

H. Zabriskie, of Patterson, N. J., has sold them for \$1.35 per pint, and single berries for 25 cents each.

The only variety here among twenty leading varieties that withstood the grasshoppers in 1875. Endorsed by the Illinois State Horticultural Society.

Read the following:
 The Col. Cheney is certainly a grand berry. In hardness and great vigor of plant, especially, it stands unrivaled. The severe droughts of 1873 and 1874, together with the destructive ravages of grasshoppers in 1874 and 1875, nearly annihilated the strawberry plantations of Eastern Kansas. The Col. Cheney passed through this fearful ordeal unharmed. Geo. W. Widdow, Mt. Pleasant, Kan.

Price of plants, 25 cents per dozen. \$1.00 per 100 by mail, postpaid; larger quantities, \$5.00 per 1000, \$35.00 per 10000.

Raspberries, Blackberries, Huckleberries, Currants, Gooseberries, Grapes, Evergreens, Shade Trees, Flowering Shrubs and Roses for sale cheap.

ROCKLAND FRUIT FARM ANNUAL.
 A handsome and valuable work, with large colored plate of Col. Cheney, and full particulars of premiums offered, FREE. Address J. E. REMSBURG, Atchison, Kansas.

EAST INDIA TREE PEA

A new and most valuable pea just introduced from E. India, is attracting great attention wherever introduced, and is pronounced by all who have grown it to be superior to any other. It is a most valuable acquisition, as it can be used green or ripe. The pea-bug never infests this pea. It will yield 100 bushels per acre. The stalk grows very bushy, like a bush or shrub, and is covered with a mass of pods from top to bottom, often producing over 200 pods per stem. Grows 3 feet high; requires no sticks. Price per packet, by mail, 25 cents; 5 packets, \$1.00.

Address J. N. BERRY, Carthage, Mo.

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Hon. Wm. M. Everts, Secretary of State.
 Hon. John Sherman, Secretary of the Treasury.
 Hon. D. M. Key, Postmaster General.
 Hon. Carl Schurz, Secretary of the Interior.
 Hon. James M. Tyner, late Postmaster General.
 Hon. O. P. Morton, Senator from Indiana.
 Hon. James G. Blaine, Senator from Maine.
 Hon. Chas. Foster, Representative from Ohio, and 45 other Statesmen and Public Men.

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Prairie Dell Farm,

Breeds and has for sale the most fashionable trotting stock—Hambletonians and their most successful crosses.

The Chestnut Stallion Monroe—record 2:27½ over a half mile track will stand for mares at \$50, the season; those not in foal, returnable free of charge next season. Monroe has the sixth fastest record of any living stallion, descendant in the male line, from Rydyk's Hambletonian. He has by all odds the fastest record of any stallion in Kansas. For beauty, elegance and purity of gait, he cannot be surpassed. He has trotted a mile in 2:33 and a half mile in 1:10.

Pedigree: By Iron Duke, son of Rydyk's Hambletonian, dam by Gay Miller, also son of Rydyk's Hambletonian, by dam, (Jas. H. Coleman's dam) record 2:31 1/4 by Fannuker, thoroughbred son of American Kelpie.

For sale, sons, and grandsons of Rydyk's Hambletonian, as finely bred as can be procured any where, and of much intrinsic merit.

Apply to R. I. LEE, Agt., Topeka, Kansas.

The Best Stock Farm IN KANSAS FOR SALE.

The undersigned offers for sale, his Stock Farm of 320 Acres situated in Osage County, nine miles from Lyndon, County Seat of the county, and 9 miles from Carbonate on the A. T. & S. F. and Lawrence & S. Western Railroads and twenty miles south of Topeka. The land is enclosed by stone and good, tight, rail fences subdivided for stock furnished with corrals for a thousand head of cattle and hogs. There are two living streams of water, good wells, about 50 Acres of timber, balance nearly all bottom land of best quality. Stone dwelling house, stone barn, out-buildings and good bearing orchard. Outside range for a thousand head of cattle. School within half a mile of the land.

TERMS.—This farm will be sold, if taken soon at \$50 dollars per acre, part cash and balance on reasonable time. Address Fairfax, Osage Co., Kansas.

WANTED

One Good Work Horse.

One Good Fresh Milk Cow,

In trade for Spring Wagons, Lumber Wagons, Plows or Cultivators.
 Apply to SPEAR & GILLESPIE Hardware Store, Or NISSON'S AGRICULTURAL IMPLEMENT DEPOT, 247 Kansas Avenue, near 8th Street, Topeka, Kansas.

EPILEPSY

OR FITS absolutely and speedily cured by the use of Dr. Ross' Epileptic Remedy. Address, ROSS BROTHERS, No. 615 Main Street, Richmond, Ind.

Elmwood Stock Farm,

Springfield, Illinois.

Jersey Cattle, Berkshire Swine and Cotswold Sheep.

Elmwood herd of Berksheires contains the finest and most noted strains of blood in England or America, descending from the most successful prize-winning families.

Young stock of superior excellence and fashionable pedigrees for sale at low prices.

Have some extra fine young sows, sired by the famous Imported Berkshire Boar Sambo 34, 551, and safe in pig to imported Cherub, 501. Cherub has no superior in point of form, style and fashionable breeding, and is proving himself to be an excellent sire and is without doubt the best Boar I ever imported from England.

Our brood sows are not surpassed by any herd in America, and excel in all that goes to make up the model Berkshire—short legs, necks and heads, broad hams, loins, and shoulders, with fine thick coats of hair, large size, good feeders, reliable breeders, and healthy. Perfect satisfaction guaranteed, both in quality and price.

Pigs not skin properly mated for breeding purposes. Breeding stock is recorded in the American Berkshire Record, and extended pedigrees furnished customers.

Parties desiring early pigs should send in their orders at once, so as to secure choice.

Correspondence solicited and promptly answered.
 CHARLES F. MILLS.

Seed Sweet Potatoes.

ALL POPULAR VARIETIES.
 For Price Lists Address
OUTTEN & WARE,
 Station B, St. Louis, Mo.

SWEET POTATOES.

LARGEST stock of choice, fresh seeds, shipped directly from the grower, at following prices: Yellow and Red Nansmond, Red Bermuda, Red Queen, per bushel \$1.50, ten bu. \$1.25. White Nansmond, Red and Black Spanish and Brazil per bu. \$1.75, ten bu. \$1.50.

E. C. CHASE,
 Glenwood, Johnson Co., Kansas.

FOR SWEET POTATOES

AND PLANTS IN THEIR SEASON.
 Apply to J. V. CARTER, Emporia, Kansas.
 Successor to CARTER & ESTABROOK.

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TRUMBULL REYNOLD & ALLEN'S

AGRICULTURAL HOUSE,

Kansas City, Mo.

We quote Sweet Potatoes, grown by us:
 Yellow Nansmond Sweet Potatoes, per barrel, \$4.50
 Brazilian Sweet do do do do 5.00
 Red Nansmond do do do do 4.50
 Red Bermuda do do do do 4.50
 Southern Queen or Bahama do do do do 5.00
 Irish Potatoes, Northern, do do do do 4.00
 Early Rose Potatoes, do do do do 4.00
 Peach Blow, do do do do 4.00
 Nansmond, do do do do 5.00
 Buckeye, do do do do 5.00
 Extra Early Vermont, do do do do 7.10
 Snow Flake, do do do do 7.10
 King of the Barlies, do do do do 7.00
 Brownell's Beauty, do do do do 7.00
 Campbell's Late Rose, do do do do 7.00
 Alfalfa Clover Seed, per lb. 40c. per bu. \$14.00, 100 lb. \$14.00
 Red Clover, " " 30c. " " 30.00
 White Clover, " " 40c. " " 40.00
 Alsike Clover, " " 35c. " " 35.00
 Blue Grass, clean, " " 25c. " " 25.00
 Lawn Grass, Con. Pk., " " 40c. " " 40.00
 Red Top, " " 15c. " " 15.00
 Orchard Grass, " " 30c. " " 30.00
 Oseage Orange, 1 to 5 bu. \$5.00 to 10 bu. \$7.50 to 25 bu. \$4.25
 Honey Locust, per lb. 35c. per 100 lb. \$35.00
 German Miller, cotton sack included, per bush. \$1.50
 Missouri, " " " " 1.00
 Hungarian, " " " " 1.50
 Buckwheat, " " " " 1.00
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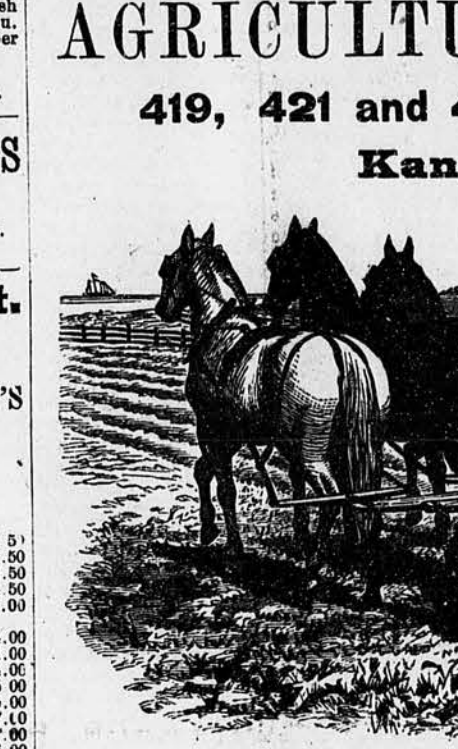
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A very Accomplished Equestrienne.

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When an unsophisticated Reno girl gets her pompadour panier on before, in the excitement and nervousness attendant on her wedding trip, her general resemblance to a Central Pacific snow plough is what makes people stop and stare at her in speechless amazement.

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"That bed is not long enough for me," said a very tall, gruff old Englishman, upon being ushered into his bedroom by an Irish waiter at one of our hotels. "Faitc, an' you'll find it pretty long, sir, when you get into it," was the reply, "for then there'll be two feet more added to it."

There is something refreshing in the absolute astonishment that visitors to a printing office sometimes display at the commonest things. "What is that blacklooking thing standing up in that corner?" is sometimes asked by an unsophisticated observer; and the nearest type, answers: "That is the printing office towel. We always stand it up in the corner."

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PLANTS BY MAIL. Eight Beautiful ever Blooming Monthly Roses, pot grown, choicest varieties, for \$1. Eight beautiful Geraniums, Silver, Gold, and Zonale, best sorts known, for \$1. 12 best Verbenas in America for \$1. Ten basket plants, beautiful sorts, for \$1. Eight blooming Tuberoses for \$1. Safe as 10 Greenhouses. Private of plants and entire satisfaction guaranteed. Address: Largest Stock in the West. ENNIS & PATTON, Clinton, Ia.

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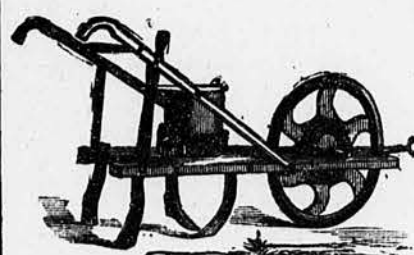
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One Man and Horse plant ten acres per day with ease, and the yield is greater by ten to fifteen bushels per acre, than when planted with two-horse planters.

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The favorite Rake in Kansas, and ourselves all others, as we are prepared to prove by the figures. We have handled it for the past seven years with great success. We can hardly tell the story of its merits in more convincing terms, but we invite any farmer expecting to buy a rake, to send to us for Special Circular.

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For Strength, Durability, Lightness of Draught, and Beauty of Finish are noted all over the United States. They are acknowledged by other wagon manufacturers to be the two standard wagons of this country and as they are the best proportioned wagons made, are used as patterns by other manufacturers. We have never heard any manufacturer or dealer claim to have as good a wagon as either the BAIN or SCHUTTLE. One of these wagons usually last as long as two of the ordinary make of wagons. We do not claim to sell the lowest priced wagon, but do claim to have the best, which, under all circumstances will prove to be the cheapest in the end. Send for Circular. Western Depot for Factory.

SMITH & KEATING, Kansas City, Mo.

WE ALSO KEEP CONSTANTLY IN STOCK THREE-SPRING WAGONS AND

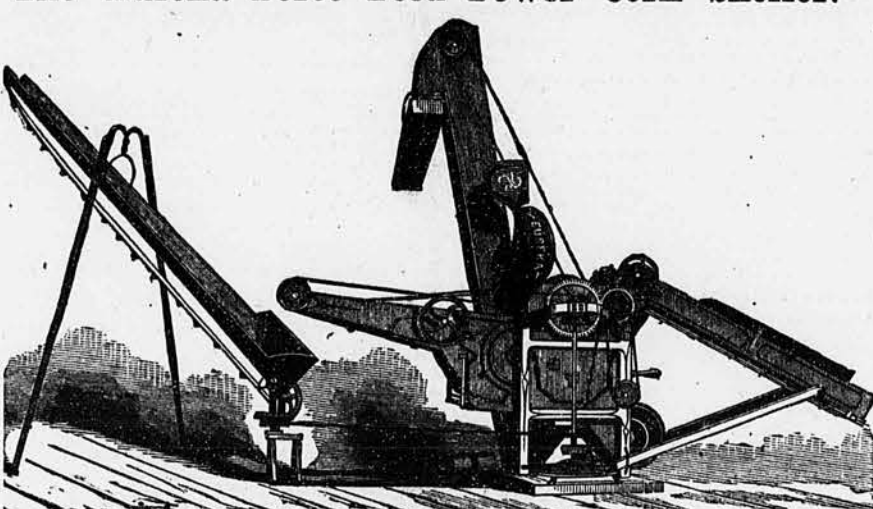
PLATFORM SPRING WAGONS,

Of different sizes and styles, with Plain or Pannelled Beds, with one, two or three Seats, with Pole or Shafts, or both, as desired, with or without Brakes, etc., made by E. BAIN, Kenosha, Wisconsin. We have handled BAIN'S THREE-SPRING and PLATFORM SPRING WAGONS nearly two years, and they are fast becoming as popular as his Celebrated Farm Wagons. These wagons are without an equal in style and finish, and are manufactured for us, expressly to suit our trade. There is no factory in the United States where greater care is given to the selection of material used. A thorough system of inspection is strictly adhered to, so we are prepared to WARRANT each part to be perfect. If defective, it will be replaced without charge. A better quality of springs is used in their construction than is used in ordinary vehicles in the market.

Send for Illustrated Pamphlets giving full particulars. Any information in regard to Prices, or Freight on Wagons to your place, will be promptly and cheerfully given. Western Depot for Factory.

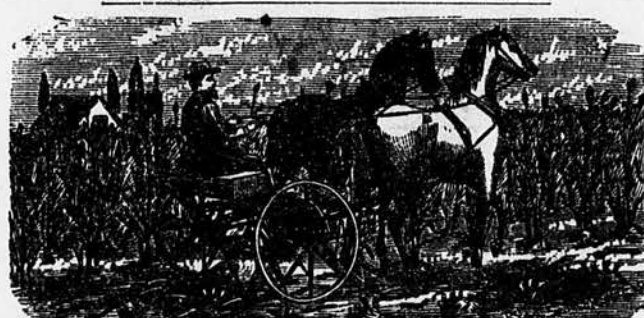
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The Eureka Force Feed Power Corn Sheller!



Two, four, and six hole, belt or geared with or without Horse Powers. Manufactured at JOLIET, ILLINOIS.

The only Sheller that the Feeder carries the corn directly into the Feed Hopper, and that has all the late important improvements. This class of shellers will do more work with one-third less power than Cylinder Shellers, which rub corn on corn, or press it between cylinder and concave—and their superiority in shelling damp or footed corn is universally admitted. There are many very important features that belong exclusively to this Sheller and cannot be used by any other. The Powers are simple, strong and durable, easily repaired, and gives more effective Power from draft applied than any other.



AVERY'S SPIRAL KNIFE STALK CUTTER.

Experience has proved that Knives Spirally arranged on a cylinder cuts stalks better than straight knives. The draft is much lighter, and the AVERY is the most durable cutter made. Inquire for the Avery, don't be put off with any other. If your dealer does not keep it, send to us for full particulars.

BUCKEYE PLOW SULKY.

Can be Attached to any PLOW.

We have given the Plow Sulky question our especial attention, and can confidently assert that the BUCKEYE SULKY has more points of excellence than any other in the market. It is simple in construction. It is strong, durable and easily operated. Can be attached to any common plow, either wood or iron beam. Can be reversed to use on either right or left hand plows. It is adapted to either two or three horse plows, right or left hand. The depth can be regulated or the plow raised entirely out of the ground without stopping the team. It will always hold the plow at a uniform depth, when passing over either ridges or furrows. With it you can turn a square corner without raising the plow. Can be used with a rigid lever for general use, and may be left loose and adjustable for very rough and stony land. This Sulky has been thoroughly tested and came off victorious at every Fair and field trial where exhibited the past two years. This is just what every farmer needs, and has been looking for.

Brown's New No. 1 Open-Heel Drop Corn Planter.

To well known and established points of excellence and durability we have added the most practical Open-heel Drop ever put upon the market, dropping the corn in full view of both dropper and driver, enabling the former to drop by the heel of the runner, and the latter to see that the work is being well done, while both these attendants maintain a position of ease and comfort. We retain our standard and accurate principle of dropping, and have simply added a device for carrying the seed into full view, at the same time avoiding all danger of clogging or leaving the corn on top of the ground, which has been the serious objection to machines of this class heretofore introduced. In addition to many other advantages that the "Brown" planter possesses over all others, there has this year been added a Double Fulcrum Lever, by which the driver can raise and lower the front part of the machine at will, lifting it out of the ground or forcing it in to any required depth, enabling him to lift the runners over an obstacle, and also to plant at a more uniform depth than can be done on any other Planter. This lever will be put on the Drill, the No. 1 and the No. 2 Planters.

THE DRILL AND CHECK-ROW PLANTER COMBINED.

Is adjustable to three different widths of rows and retains all the features of the No. 1 Planter, having in addition, a self-dropping attachment, which is used extensively by some of our largest corn-growers, requiring ONLY ONE MAN TO OPERATE IT, and will plant in hills of one, two, three or four kernels each varying from seven to thirty-eight inches apart, as may be desired, and is pronounced by our best and leading farmers the only correct and reliable Drill Planter extant. Fits with small holes are furnished with the Drill for planting broom corn, for which purpose the Brown Drill stands without a rival.

BROWN'S NO. 2 CHECK-ROW PLANTER.

Stationary width with open-heel drop. Four years of successful operation without the report of a single failure, fully establishes its reputation as a first-class machine. For accuracy and durability we warrant it equal to the best of any other manufacture. Send for Circular.

THE HIGHEST HONORS.

At the Centennial Exposition, Philadelphia, the Committee of Awards, after carefully examining into the merits of the various Plows, Sulky Rakes and Cultivators, from all parts of this country and Europe, awarded us the highest honors obtainable, viz:

THE GRAND MEDAL OF HONOR AND DIPLOMA.

ON EACH OF THE FOLLOWING EXHIBITS:
Furst and Bradley's "Garden City Clipper" Plows, Furst and Bradley's "Garden City" Sulky and Gang Plows, Furst and Bradley's Sulky Hay Rake, Furst and Bradley's Combined Riding and Walking Cultivator, Furst and Bradley's Wood and Iron Beam Walking Cultivator.

When it is remembered that our goods were shown in competition with all the most prominent manufacturers of their class in this country and Europe the foregoing becomes a most significant fact, sealing the already proclaimed verdict in their favor, of the farmers and dealers throughout the country.

SMITH & KEATING,
General Western Agents,
KANSAS CITY, MO.

April 4, 1877.

The Kansas Farmer.
SUPPLEMENT.

Crop Notes.

Large amounts of corn are daily brought to this market, indicating a heavy surplus on hand.—*Chanute Times*.

Peach buds are in a fine condition and the prospects are good for an immense crop.—*Chanute Herald*.

Mr. H. McLaughlin has bought the cheese factory and advertises for milk at 90 cents per 100 pounds. That is better than corn at 85 cents a bushel.—*Miami Republican*.

Farmers have done considerable plowing during the past week and are busy making preparations for the spring crops.—*Woodson Co. Post*.

From the present condition of the peach buds, there is good reason to believe we will have a good crop of that fruit.—*Cherokee Index*.

The last three weeks have been hard on wheat, especially on that sown broadcast. Drilled wheat stands the bad weather best.—*Abilene Chronicle*.

Fruit buds on the peach trees are yet all right, and prospects are fair for considerable many peaches in this locality.—*Osborne Co., Farmer*.

Stirring plows are busy everywhere turning over the soil. The wheat fields look green, and some are sowing oats.—*Junction City Tribune*.

The peach buds are still alive in sufficient numbers to give promise of abundance of fruit. Every other kind of fruit trees are well loaded with buds.—*Woodson Co. Post*.

A large number of acres of castor beans have already been planted in this vicinity. Mr. Dilline has just finished a forty acre tract.—*Chanute Times*.

Another large invoice of emigrants to the famous Arkansas Valley put in an appearance here last Friday. Eleven carloads are reported.—*Newton Kansan*.

It is estimated that there is about 70,000 bushels of wheat in the vicinity of Independence independent of what the elevators have on store.—*Independence Courier*.

A party of men are now in this neighborhood taking up young cottonwood trees and shipping them west to set out on claims. One man we are told shipped 15,000 on Monday.—*Chase Co. Leader*.

Farmers are progressing finely with their spring work—generally done sowing spring wheat, and many have sown their oats and plowed most of their corn ground.—*Hutchinson News*.

Heller & Larabee have some twelve or fifteen men constantly engaged manufacturing stone—artificial—to fill contractors which they have on hand. Mr. Larabee will build himself a residence on lots near their factory.—*Wichita Eagle*.

A prairie fire started in the vicinity of D. Hayward's farm, near the line of Chase county, in the neighborhood of Fruitland, last Saturday, which consumed about 100 tons of hay belonging to the Vicker brothers.—*Emporia News*.

The weather for the past week has been splendid, and farmers and gardeners are making the most of it by plowing for spring crops, and putting in early garden. The wheat is coming out finely and promises a fine growth.—*Independence Tribune*.

Farmers are just "getting up and dusting"—literally—during the fine weather. Every team is doing plowing and harrowing for the oat crop, of which there will be an unusually large acreage this year.—*Osage Mission Journal*.

It has been demonstrated that Castor beans are a paying crop in Southern Kansas. The farmers of this section will engage extensively in Castor bean culture this season. We hear of a number who will plant from fifteen to twenty-five acres.—*Humboldt Union*.

Wheat throughout the county, never was in better condition at this season of the year. It is strong, healthy and bids fair to yield largely. The ground is settled, the frost entirely out and it has started up vigorously. The farmers' prospects are bright indeed.—*Olathe News Letter*.

John Campbell, of Cherry township, last week slaughtered a Poland China hog, twenty-three months of age, that weighed 750 pounds. Considering the age of the animal this is certainly a remarkable size, and we can account for its astonishing growth only upon the theory that its owner is a genuine Democrat.—*Independence Kansan*.

Mr. Stephen Stiers, of this county, has a sugar grove of thirty, soft maple trees. He began planting the seed in 1860, and has since added to his grove, till, this spring, he can tap 800 trees, make his own sugar, and eat it with the smack of personal success that gives a richer relish to his sugar, and makes his grove look wonderfully beautiful in his eyes.—*Jefferson Co. News Era*.

We have been informed by Mr. W. H. Reed that during the storm which visited this section last week, the stable of Mr. Blanton living on the Hinton farm, three miles north east of Chetopa, containing two horses, one set of double harness and about 150 bushels of corn was entirely destroyed by lightning. As Mr. B. is a poor man, entirely dependent on his team for support, his loss is a severe one.—*Chetopa Advance*.

Some thoughtless person or persons set out a prairie fire on Thursday, the 15, about noon. The wind carried the fire north as far as the Elk river. During the evening light, the wind changed and took the flames on lightning wings south, causing a great deal of damage. Mr. Finch lost all of his corn, about 1,000 bushels, his stabling and all of his hay. Others suffered similar losses.—*Elk Co. Courant*.

Messrs. Harvey, Stewart & Miller have already begun to dispose of their products of the last packing season. They have sold between five and six thousands hams, and over sixteen thousands pounds of other meats. Our own merchants are their principal customers. We wish these gentlemen such great success that they will feel encouraged to put up a pork-house next season that will be a permanent and growing institution.—*Wichita Beacon*.

A prairie fire started in the neighborhood of Mr. North's, on the South Fork, Monday morning and was carried up the creek with fearful rapidity. Jabe Johnson lost about a half mile of his hedge, which was almost ready to be turned out, and a stack of hay. A calf belonging to Will Thomas was burned to death. It is reported that Pat Ryan lost several head of cattle by the same fire.—*Chase Co. Courant*.

Squire Benson informs us that he commenced corn some days ago. Corn never rots in this soil, consequently there is no danger in planting early, while great benefit is derived from it many times.—*Rooks Co. News*.

A company has been organized to build a grist mill on the Arkansas river in the eastern part of the township, and that the mill site has been deeded by the railroad company to the mill company. May the good work go on. We need a good mill in this township.—*Hutchinson News*.

The locusts are already beginning to hatch out in especially warm localities. A few days ago Prof. Shelton noticed that his bluegrass did not look as green in a certain locality as it should, and upon examination found quantities of young locusts at work upon it.—*Nationalist*.

Prairie fires seem to be inevitable. On Tuesday night of last week one was observed north of Plymouth. During the night the wind changed from south to north, and Mrs. Jacob Metzger was providentially aroused from sleep just in time to alarm the household and call out all members to prevent the destruction of their house. Several of Mr. Metzger's neighbor's suffered more or less damage. Mr. Kendall Porter, lost his stables, horses, several cows, hogs and chickens. Mahlon Stout lost considerable fence and a straw stack, and Mr. Walker two stacks of hay. Fences and hay of sundry others, whose names we failed to get, were burned.—*Emporia Ledger*.

We are afraid it will keep us busy recording damages done by prairie fires. They keep springing up here and there and almost in every case they are set out. Steran Struback, living near John Holmquist's 3 miles south of Salina, lost most all he had on Thursday, and came very near losing his life. He will be laid up for a long time, both his face and hands being burned badly. Loss, \$1,000, cost to get started again, \$1,000, doctor's bill \$300, time lost, \$300, total \$2,600 at the very least. All on account of other people's carelessness. How would we like to be served that way, after a hard season's labor? We were wishing we had got through with such things.—*Salina Co., Advocate*.

Some ill disposed person set fire to the prairie grass on Section 20, Darlington tp. on Tuesday last when the wind was blowing terribly. The result of this fire was as follows: G. W. Richardson, house and stock destroyed; A. G. Hubbard, barn burned; Mr. Ross, barn containing considerable wheat and corn, totally destroyed. Nearly every hedge row in the neighborhood was burned. The fire passed in a southeasterly course into Sedgewick Co., and probably did an immense amount of damage as it went. Efforts are being made to ascertain who set the grass on fire and if found to prosecute them to the fullest extent of the law. We are indebted to Mr. S. D. Williams for our information.—*Harvey Co., News*.

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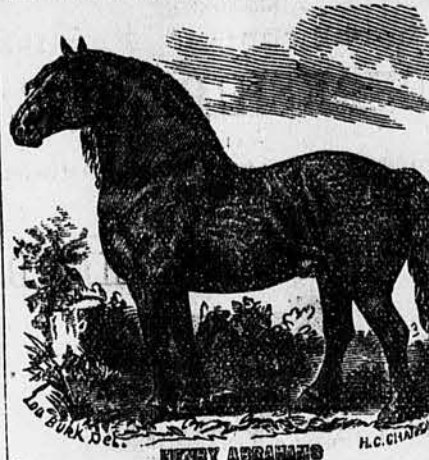
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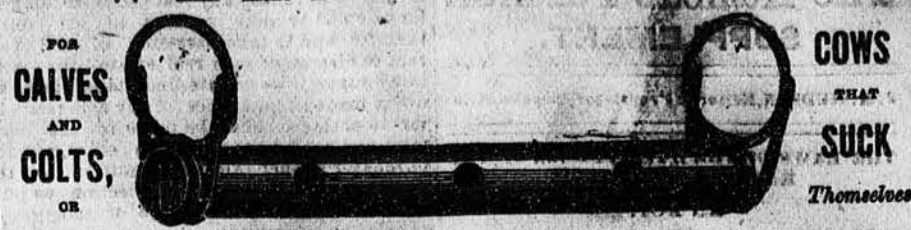
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