

# THE KANSAS FARMER

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## THE KANSAS FARMER.

The Kansas Farmer Company, Proprietors.  
Topeka, Kansas.

### Correspondence.

#### McPherson County.

[Special Correspondence.]

Your correspondent, having occasion to stop off at McPherson last week, was much surprised to see the quantity of wheat coming to market, and the large number of grain dealers there to receive it. Thinking perhaps something of interest to the FARMER's readers might be gleaned, I made inquiry and learned the following:

McPherson, the largest town and county-seat, is located in the center of the county at the junction of the A., T. & S. F. and the K. P. Railroads, giving dealers choice of two contesting roads, and the producers the same advantage, which makes them realize the very highest price that can be paid for wheat. The McPherson elevator, Union elevator, People's elevator and T. J. Reed's handle thousands of bushels of wheat every week; besides, T. J. Clark, Heath & Panckake and H. Martin are very heavy grain dealers, the latter gentleman alone having paid out over \$37,000 the first twelve days of this month for wheat. These dealers ship to Kansas City and Atchison.

One hundred and sixteen thousand acres of wheat were sown, and fully three million bushels of wheat would have been harvested in McPherson county, had it not been for the withering winds and protracted drouth; but as it is, the crop will average about seven bushels to the acre, making the total wheat crop for this year a little over a million bushels. The wheat will only weigh out an average of 54 pounds to the bushel.

This, I think, makes a fair showing for this county, yet it also teaches that exclusive wheat growing will not do. Oats and corn should be raised in larger quantities. Stock raising can be made profitable as well.

One thing to be specially noted is, that often neighboring farmers come into market, one having wheat weighing 50 pounds, the other full weight; now, how is it that in such an unfavorable time one does so well? It is because he understands farming, the rotation of crops, seeding, the character of the soil, etc. Let farmers who are unsuccessful read and study more, observe and study the character of the soil, and acquaint themselves with the plans of their successful neighbors, and they will soon have their reward in more abundant crops of a better quality.

H. A. H.

#### Ellis County Fair.

EDITOR KANSAS FARMER:—We have just held our first agricultural fair, closing Oct. 1st. It passed off successfully, notwithstanding the elements were against us. It rained the 28th of September. On the morning of the 29th it rained hard, with a terrific wind which tore our agricultural and fine art hall (a building 24x48) all to pieces, scattering the lumber for rods around. Some damage was done to things on exhibition, though persons in the building escaped without injury, except a thorough drenching.

Crops, as a general thing, had been poor for the last two or three years, and farmers were all busy getting in their wheat, so that it was hard to get them interested. Many were prophesying failure. Still the managers kept to work, determined that it should not fail, and they succeeded even better than they expected. They pay about \$400 in premiums, and will have about \$100 surplus for next year.

Our exhibit of vegetables would have done credit to any county in the state. As good samples of wheat as any I saw at Bismarck; other grain exhibits were creditable.

The exhibits of fruit by Martin Allen and P. W. Smith attracted a great deal of attention; but what excited the most curiosity was two samples of cotton grown on the Saline, in the northern part of the county—one by an old lady of 63 years, who also exhibited a quilt, the wadding of which she planted, gathered and carded, and made the quilt. There is a prospect of considerable cotton being raised in the county next year.

Everybody went away pleased with the fair and determined that next year they would do their part towards making the fair a success.

Wheat is mostly sown and up, and looking well. We have had reasonable rain all the fall, and the ground is in capital condition.

As a rule the wheat crop was poor, averaging about 10 bushels, and some as low as one bushel to the acre. One piece yielded as high as 36, others 33, 32, and so on down to 20 bushels to the acre.

A few pieces of corn have done well, but as a general thing it is a total failure.

Sheep are attracting a great deal of attention, and many thousand have been brought into the county the past season. One flock of 4,000 has just arrived from New Mexico.

Pasture is in excellent condition, and stock of all kinds are looking well.

P. W. SMITH.

Hays City, Ellis Co., Oct. 10.

#### Poultry at the State Fair.

EDITOR KANSAS FARMER:—Perhaps some of the many readers of the FARMER would like to know something in regard to the part poultry took in the state fair at Topeka. I will tell them in a few words as possible.

To say the show of poultry was good, but feebly describes it. The show was extensive, embracing nearly all varieties of land and water fowls. Kansas is fast coming to the front as a high class poultry state, and I feel safe in saying no state in the west can make a better showing than Kansas. That is my belief after seeing the show at Topeka. Other states may show larger numbers, but when it comes to the quality, Kansas is in the van.

On entering the exhibition building the north entrance, we first came to the Asiatic class, which was a very fine class of birds—large, healthy and hardy. The first three coops were occupied by Buff and Partridge Cochins, owned by E. L. Bear, Wichita. These were very fine fowls, and took their share of the ribbons. The next two coops were also occupied by Buffs, exhibited by Baldwin & St. John; also of Wichita, represented by Harry St. John, one of the most enthusiastic poultry men I have had the pleasure of meeting for some time. Baldwin & St. John have birds that rank high; and as they are good, reliable men and know how to breed good stock, they will yet make their mark in the poultry fraternity.

The next three coops were under the control of James Cains, Wichita, who had on exhibition as fine B. B. R. Games as one would wish to see. Of course, he took first and second premiums without any trouble, with such perfect birds. Jimmy knows how to breed good birds.

Geo. H. Hughes, Topeka, showed Black Spanish, which is his hobby. They were very fine birds. M. & M. Walmire, Carbondale, had a very fine trio of Light Brahmas, which they purchased of Ives, Mound City. Miss Macy, of Lawrence, also showed one pair of Light Brahma chicks. There were mammoth geese shown by H. Griffith, of Topeka; Light Brahmins and Pekin ducks by the same; turkeys by L. A. Knapp and Davis. Pea-fowls, in fact, I think, were the only birds not on exhibition.

The undersigned showed four coops of Light and two of Dark Brahmas, which he breeds to perfection. He took first on Light Brahmas. The south side of the house was nearly all occupied by Davis, of Leavenworth, who is a dealer, rather than a breeder, in poultry.

I cannot call all the names of exhibitors to mind, but have told you some of the principal ones. There was room for a thousand birds, but there was not more than half that number present.

I cannot close this article without saying that the grand success and general good feeling among the poultry men was due to the gentlemanly superintendent of poultry, Geo. H. Hughes, of Topeka, who, assisted by his estimable wife, did everything to please all. May they live long and be happy. The poultry show was not what it could have been if the breeders of Kansas had turned out as I think they will do next year.

F. E. MARSH.

Manhattan, Oct. 8.

#### Protection to Sheep.

EDITOR KANSAS FARMER:—The Solomon Valley Wool Growers' Association, at a special meeting held Oct. 8th, passed the following resolutions:

Resolved, That this association will protect and defend its members against diseased sheep to the full extent of the law.

Resolved, That a committee of three be appointed to carry the foregoing resolution into effect, and they are hereby authorized to raise any sum not exceeding \$2,000 for that purpose.

The committee as appointed were J. A. Gifford, Samuel Carter and Owen Day.

There will be a sheep show at Mr. J. M.

Vernon's farm Oct. 22nd, 1881. Sheep men are invited to come and show sheep.

A. O. FOOTE,  
Secretary.

Asherville, Oct. 13.

### Farm Letters.

#### Chinch Bugs and Crop Notes.

EDITOR KANSAS FARMER:—It has long been argued that if the wild grass of Kansas was left to rot upon the grounds, it would be the means of producing a greater fall of rain. I never heard the theory disputed, but does not such a practice have a great tendency to increase our annual supply of chinch bugs? Last winter was a severe one, and all through the winter and in the spring, one could go into corn fields and into thick grass and find them filled with bugs that lay there in a dormant state all winter, and as soon as the warm spring sun thawed them out the air was filled with them, as they journeyed to the green fields of grain where they laid their eggs and bred and multiplied by millions.

Now, I believe that when they go into winter quarters, if everything they hide in was destroyed by fire, we would have less bugs next year. For one township or county to attempt their destruction will not amount to much, as the wind will soon waft them many miles; but I think that a general determined effort would accomplish much. The grass could be burnt in early spring. I am in favor of having fewer bugs, even though we have less rain. I think we had plenty of rain this year to produce an average corn crop; but where was the profit when the bugs claimed one-half the crop. I think the chances to wage a successful war against the chinch bug is far better than it ever was against grasshoppers, and did not our state pass an act to call out every male citizen from the age of sixteen to sixty to engage in the war of extermination? The Invisible Hand did the work, and I have much confidence in Him.

Fall wheat averages 8 bushels per acre; spring wheat and millet totally destroyed by chinch bugs; buckwheat was nearly destroyed by the August hot sun and hot winds.

Corn is hard to estimate, being good, bad and indifferent. The April planted is said to be the best, whilst the latest planted is poorest, damaged by the bugs. I have heard several say that their corn will make 50 bushels per acre. However, some will not make over 5 bushels, and I think the average will not exceed 25 bushels. I consider that we would have had an average crop of corn if the bugs had let it alone, of both early and late planting.

Oats and rye were average crops. Tame grasses were good, but not much grown in this vicinity. Trees and hedges have not made much growth this year, and therefore are the better prepared for winter.

The general health of the community good in man and beast. Vegetables almost a total failure; sweet potatoes one-half a crop, and \$1.50 per bushel; Irish potatoes, early plant, one-fourth a crop, \$1.25 a bushel; wheat, \$1.10; rye, 80¢@95¢; oats, 35¢; corn, new, 50¢; apples, green, \$1.00@1.40; butter, 20¢; eggs, 15¢; peaches, green, \$1.00.

Hogs are being put on the market as soon as marketable, at \$5.70@\$6.00 per hundred lbs. gross. Spring calves, best, have been selling at \$10 each—yearlings at about \$16.

A number of farms have changed hands lately at what I consider low figures.

There has been more hay put up this year than common, and generally in better condition. I think the acreage of wheat is considerably decreased this fall over last. Wild grass is still green, and pasture fair for this time in the season. Have had but two slight frosts. Tomato vines slightly nipped.

Republic Co.

D. DORAN.

#### Peanuts.

EDITOR KANSAS FARMER:—The injury by drouth of many of the ordinary crops naturally makes one search for crops less likely to be damaged or destroyed by the dry spells and burning winds to which Kansas is subject. I was glad to see something from Mr. Colvin on the subject of peanuts.

I had much the same difficulty about their not coming up, but they stood up against the drouth as scarcely anything else did. Coming from a state where they are not cultivated, I have had very little experience with them. Will not some of your readers furnish an article setting forth the entire subject, the varie-

ties, time of planting, care, harvesting, marketing, and all the particulars which one who has never cultivated them would be glad to learn?

T. C. MOFFAT.

Clyde, Cloud Co., Kas.

#### Crops, Stock, Health, Etc.

EDITOR KANSAS FARMER:—We are having some rain now and then, which is much needed, for stock water was almost all gone, and wells nearly dried up. The rain has caused small grain sowing to commence in earnest. Some had sown before, and their growing grain looks well.

Potatoes almost a failure, oats, 20 to 30 bushels per acre; spring wheat a failure; fall, from 6 to 20 bushels; corn from 20 bushels down to nothing; barley half a crop; rye, not much sown—poor crop; chinch bugs, no end to them; apples, one-third of a crop, and that injured by dry weather and the worms, and nearly all blown from the trees.

Hogs are being rushed to market half grown and half fat. Health above an average for the time of year. There will be but few steers fed in these parts, but upon the whole, I believe that with economy, the people will get through.

R. J. TOLIN.

Smithland, Jackson Co., Oct. 12.

CLAY Co., Oct. 8.—Chinch bugs, chinch bug! Brother farmers, what can we do to get rid of the pests? I see, by examining the corn stalks, the most of them have left the corn, and taken up winter quarters in the prairie grass. I believe we ought to plow all the stubble and corn land that is possible to be done this fall, turn under all trash and weeds that will harbor and shelter them during winter, and burn all prairie possible, so as to leave no place for them to winter in. I hate to see the prairie black and barren all winter, but we can better afford to have bare prairie than to lose our crops.

JOHN KIDBY.

EUDORA, Douglas Co., Oct. 10.—Though we had it very dry through the latter part of the summer, it has been very seasonable for fall crops. Wheat and rye look well. Wheat sowing is now completed, though some was sown as late as Oct. 5th. Threshing is about all done. Wheat averages about 11 bushels to the acre.

Corn is about one-half a crop, and is selling from 50 to 60 cents per bushel. Hogs are scarce, readily bringing \$6 per hundred-weight, and everything is being sold that is fat enough to go in the market. Stockers will be in good demand the coming season.

Bellevue Alliance No. 155 has started up afresh, and is now in a flourishing condition. We are determined to make our alliance a success. Farmers seem to be just waking up to the fact that the Alliance is a friend of theirs, and if they will stand by it, it will stand by them. I think the farmers throughout the state should spare no effort, but organize an alliance in every school district or township in Kansas, and by the time of another election, the farmers' and tax-payers' rights would not be ignored.

With many good wishes for the success of the KANSAS FARMER, I remain

N. C. BORAH.

BROWN Co., Oct. 14.—Corn, like wheat, turns out somewhat less than was expected; still we have enough, and some to export, of both of the staple products.

We are having an abundance of rain now. 5½ inches fell on the 11th instant, and as we have no frost yet, wheat is coming out nicely. It is rather cool for prairie grass, but tame grass pastures are quite green.

Less steers will be fed than usual. Farmers think it will not pay to fatten them on 50 cent corn.

A great many fine dwellings have been erected this summer, and some are in process of erection yet. Labor has been plenty and well paid lately, partly owing to the new railroad being constructed north and south through our county.

H. F. M.

HAMBURG, Woodson Co., 120 miles south of Topeka, Oct. 10.—The cry of drouth is no longer heard in our vicinity, but the opposite—too much rain; at least, we think so when we try to get in our corn fields.

Our crops were checked by the chinch bugs, and also for want of rain. After toiling the season through, we expected from one-fourth to one-third a crop of corn; but since the rainy season set in, we can't tell what will be left for us, as so much is on the ground and growing.

As a general complaint about hay, it seems that the late heavy rains have so completely penetrated the ricks that there will be a great deal of hay lost, which will make feed scarce, unless we should be favored with a mild winter.

As the weather has been warm pasture is plenty at present. Stock is doing well, but rather declining a little in price. Hogs are still bringing \$5.75 gross at Humboldt, which is our nearest station.

The Fort Scott & Wichita Railroad is about completed through our county, and is still progressing westward.

As this is my first attempt to write for the FARMER, I will close by saying we like it very much.

P. M.

HARVEYVILLE, Wabaunsee Co.—The weather continues warm, with an occasional shower of rain, but not enough yet to be of any benefit for stock water. The small streams are dry, and a great deal of stock suffer for water.

The acreage of wheat sown here will be small. The yield of early planted corn is from 25 to 40 bushels to the acre, and of good quality. The late planted is very inferior in quality, as well as in quantity.

Early potatoes about half a crop; late ones an entire failure. Grocers are already shipping potatoes from the east, and selling them for \$1.60 per bushel.

The heavy winds have blown most of the apples off, and the crop will be a very light one.

A great many from here attended the state fair, and after viewing the agricultural and horticultural display, have decided that Kansas is second to no other state for its productions.

SEPHUS.

OFFERLE, Edwards Co., 260 miles southwest of Topeka, Oct. 10.—Weather is hot and dry. Prospects for rain are good, and have been for two weeks; but an occasional sprinkle is all the rain we have had for three weeks.

Farmers are still sowing wheat, but the ground is dry, and we find it difficult plowing. The acreage of wheat sown will be small in this part of our county. The early sown is up and doing well, but the latest sown will not come up until we get rain.

Wheat is not all threshed yet. It is being marketed as fast as threshed, the price being from 95¢ to \$1.15, owing to kind and quality. The varieties raised are Red May and Turkey. Our millers condemn the latter, and will not pay as much for it as for the May by 10 or 15 cents per bushel. Red May is being almost exclusively sown this fall.

Oats are selling at 50¢ per bushel; potatoes, \$2.00@2.25; flour, \$4.00 per cwt; and in fact, every article of food is getting higher and still higher in price.

Stock is doing well, and our county is filling up rapidly with cattle and sheep. Cattle are being brought from Missouri and Illinois, and from New Mexico.

I read and re-read H. F. Mellenbruch's article on prohibition in your last issue, and find it is the old, old story, and is indeed a well written article; but I am surprised that a man of such intelligence is so blind to his and our interests. Away with the doctrine of moderate drinking! The only safe rule is "Touch not, taste not, handle not the vile stuff, for I know, and so does your correspondent, that it has ruined many a happy home, caused the widow's tears to flow and the orphans to beg for bread. It has filled our jails and asylums. How can any sane man for a moment entertain such views? Away with all such men, their views and their traffic, and instead, give us the sober, temperate man! Success to prohibition, and may God speed the day when the accursed traffic will not be found in our state.

J. W. EDWARDS.

#### The Sixth Comet.

Intelligence received at the Warner Observatory, Rochester, N. Y., from Bristol, England, states that Prof. W. F. Denning discovered a bright new comet on the 4th inst. It is located in the constellation of Leo, right ascension 9 hours 22 minutes, declination north 16 degrees, daily motion 30 minutes east. This is the sixth comet that has been seen since May 1st, five being new discoveries, all but two of which were first observed by Americans, and it is certainly a high compliment to the industry and skill of American astronomers that they have shown so fine a record. The total amount which Mr. H. H. Warner has given in comet prizes during the past year is \$1,300 which shows that the interest taken in astronomical affairs in this country is greatly increasing.

**Poultry.**

**Care of Poultry.**

EDITOR KANSAS FARMER:—Now is the time to cull your flocks of poultry and get them in good condition for the Thanksgiving market. We should take all the old hens over two years old, young cockerels all of them, in fact take everything but some of your very best young stock, such as nice large early pullets.

After sifting out all you wish to kill, shut them up and feed them liberally till they are in good condition, which will take about twenty days' time. Those you are keeping for future use can run at large as usual; but, by all means, do not sell your fowls without having them well fattened and in the very best condition possible. If you have a large number, I would only fatten one-half of them for the early market, keeping the remainder for the later market. Though as a rule the early market is the best, yet I am inclined to think that, on account of the scarcity and high price of feed, there will be an unusual rush to get the fowls off to an early market; and if this should prove to be the fact, it will no doubt cause a glut in the market, and thereby cause prices to rule low. Intelligent readers will do well to watch the market, and if it is getting too full, hold off for a while until better prices rule. Poultry usually brings good prices later in the season, some time after New Years, and in the month of March. Of course, it will cost something to keep them, but I think it will pay rather than to sell cheap in the fall.

Having now got a fine lot of good sized young fowls on hand to begin the next season's work with, you should get for every ten hens you are going to keep, a good pure bred male of some one of the many varieties. If you do not feel able to keep pure bred fowls, you can by this way work yourself into a good stock of poultry in a short time, as you can buy good stock at very low prices at this time of the year. Try the above plan and see how it works, and my word for it, you will more than get your money back with good interest.

If all those who have poultry to sell will try the plan of shutting them up and making them fat before taking to market, they will get well paid for their feed and trouble. We have a great deal to learn yet in preparing our poultry for market. In England and France, the cramming system is commonly in vogue for this purpose, but we have not got that far along yet, and propose to let the fowls do the cramming themselves till they can cram no more, then we can try it on one of them for our Thanksgiving dinner.

For the November market, fowls should be ready by the 15th in order to reach our western markets in time.

I gave the readers of the FARMER last year some thoughts on feeding fowls that they wished to fatten, and I think they will find that if they tried it last season, they could do their brother farmers a good service by telling them how they succeeded.

Wishing the FARMER a grand success under its new proprietors, I am

Yours very truly,  
Manhattan, Oct. 11. F. E. MARSH.

**The Farm and Stock.**

**Sheep In Orchards.**

We have frequently recommended pasturing sheep in orchards for the destruction of the codling worm, as well as to keep them closely grazed by feeding on the grass, and to enrich the ground with their droppings; and the subject is of sufficient importance to bear many repetitions. We find in an exchange an account of the successful treatment of an orchard, without giving the name of the owner, but from the statement it is evidently that of J. S. Woodward, of Lockport. The following is briefly the substance of the statement: The orchard occupies 32 acres, and is made the run of 30 hogs and 150 or 200 sheep and lambs during the summer. Enough grain and bran is given them to place them in good condition. They eat every blade of grass and green thing close down, and every fallen apple as soon as dropped, for which purpose sheep are better than hogs, which sleep so soundly as not to hear an apple fall, but the sheep are always on hand and devour every one as soon as it touches the ground. The fruit each year grows fairer, with fewer wormy specimens, and the manure from feeding so much grain has given a healthy growth to the trees.

To prevent the animal from gnawing the bark, the trunks are washed once a month with a mixture of soap, whale-oil soap and sheep manure. If the animals are given a constant supply of fresh water they have less disposition to eat the bark. The profits of this treatment consists in placing the sheep in the best condition, in finely growing lambs, and in heavy crops of fruit for market.—*Practical Farmer.*

**Sorrel.**

The weed generally known as sorrel in this country is obtaining a very alarming prevalence in our grain fields, and its eradication is being seriously discussed by our best farmers. In almost every direction we may go through the valley, we see whole farms almost entirely taken up with it.

Looking at this evil from a scientific standpoint, we are inclined to charge Mother Nature with the blame, as it is very apparent that a great deficiency of lime in our soil is the prime

cause of its encouragement, for sorrel can only flourish in an acid soil, and on the contrary, wheat and cereals need a more or less alkaline subsistence. But looking at the matter practically, we find that at present we cannot replace the much wanted lime, and that we can only so cultivate as to keep the objectionable weed within bounds.

A little experience with a very bad sorrel patch of twenty acres might be permissible right here. The ground was plowed very late—the middle of May—a chain being used to turn the weeds under. There was as thick a coat of weeds, it seemed, as could well be sown on ground, about evenly divided between sorrel and wild pinks, and the field had been in continuous cultivation for nearly thirty years. About the time the field was plowed the road supervisor called upon, and "warned us out" to work the road, and would not be put off until we could harrow down the field as had been our wont in summer-fallowing.

Ten days time was spent on the road, which, by the way, were not very hot ones, and when we returned to our summer fallow it was thoroughly dried out, and scarcely anything growing upon it. It was then harrowed down and cultivated several times. The result the following year was most satisfactory. Instead of getting a yield of about four bushels of oats to the acre, as in the year previous to the summer following, an average of about twenty-five bushels of wheat was obtained after a large amount was wasted in the starting of a new thresher in harvest.

But very little sorrel or pink is now visible on that field, and a very fine stand of barley covers part of it. Be it remembered that the sorrel and pink were just in bloom when the ground was plowed, and furnished quite a good dress of green manure, and the ground being thrown up loose, and the weather being so hot that it thoroughly cooked the weeds. It was replowed before sowing in the fall, and after there had been sufficient rain to sprout all foulness that might be on the surface of the soil. Dry plowing and midsummer cultivation, we are are satisfied, will greatly injure, if not permanently eradicate sorrel and pink.—*Northern Farmer and Dairyman (Oregon).*

**Something About Spice Plants.**

(Clara Francis in Prairie Farmer.)  
Cumin and coriander seeds, more agreeable products of plants belonging to the same family of plants as the asafoetida, are used for their flavor and as stomachics in compound condiments. Allspice, or pimento, is also known as Jamaica pepper. These berries, in smell and taste bear a similarity to a mixture of cinnamon, cloves and nutmegs, which is the reason of the name allspice. The tree on which they grow reaches the height of twenty or thirty feet; it is a native of the West Indies, and is cultivated in the East Indies. The berries are gathered while green and dried in the sun, when they turn to a reddish brown color. If left on the tree to ripen they grow moist and gummy, and are black and flavorless when dried.

Cloves are the flower buds of a tree closely related to the allspice, and are gathered before they open. The name comes from the resemblance to the shape of a nail. They should be sparingly used, especially by persons inclined to biliousness.

Nutmegs are the seeds of an East India tree. The berry has a thick skin, which opens on the side when dried. Beneath this is found the substance known as mace, which is carefully saved and dried in the sun. The nut has two more shells beneath the mace. Protected by these they are kept for some time exposed to heat and smoke, after which the shells are removed and the nuts are preserved by soaking in lime water and drying. Mace is preserved by soaking in salt and water previous to drying. Nutmegs possess narcotic properties, and used to excess result in headache and other serious cerebral ailments. Mace may be used more safely. Nutmegs grated from the stem end will be found hollow all the way through, whereas grated from the side or blossom end they are perfectly sound.

Cinnamon is the inner bark of a tree resembling our sassafras. It thrives best in sandy soil of tropical countries, and yields the best bark when from four to eight years old. The bark of every old tree is worthless. The roots and leaves of the cinnamon tree yield aromatic oils, and the fleshy receptacles of the seeds are known as cassia buds.

Cassia bark, obtained from trees resembling the cinnamon, is extensively sold for the genuine article. It is much cheaper, and both it and the cassia buds of this species are greatly inferior to the true cinnamon in flavoring qualities.

Turmeric, ginger and cardamon are all products of tropical plants, resembling our calamus in appearance. Black ginger is the root scalded and dried. White ginger is the root washed, scraped and dried without scalding. Preserved ginger is the same root put up in syrup while young and tender.

Turmeric has a root of the same nature, but of a bright yellow color. It is used principally for its coloring properties.

Cardamon are the seeds of a number of varieties of the same family of plants.

Black pepper is the fruit of the pepper plant, a tropical vine cultivated in the same manner as our hops. The berries are bright red when ripe, and become black in drying. White pepper is obtained by soaking the berries in water and removing the outer skin. Ground pepper is largely adulterated and the flavor preserved by the use of cubens, which are the stronger flavored berries of plants allied to the pepper plant.

Cayenne pepper is the seed pods of plants

related to our egg plant and tomato; it thrives best in tropical countries, but is easily grown in colder climates if started in hot beds. The ripe pods after being dried in the sun, are placed between layers of flour and dried in a moderate heat. When dry, the flour is removed and the pods reduced to a fine powder; they are then made, with a portion of the flour, into cakes, baked hard and again powdered, then sifted and put up into air-tight packages. Sometimes the sun-dried pods are simply ground and mixed with salt. Cayenne pepper is greatly adulterated, flour, brick dust and vermilion being commonly used for the purpose.

Bay leaves are the leaves of a tropical species of laurel, belonging to the same family as our sassafras. They contain prussic acid, and should be used sparingly, for health's sake as well as that of the palate, as the flavor is very pronounced.

Vanilla comes from Mexico and the West Indies, and is the seed pods of a variety of air-plant, clinging and growing on trees, sending out roots in the same matter as our ivy. The pods are gathered when they begin to ripen, are half dried in the sun, then pressed flat, oiled and thoroughly dried, after which they are oiled again and kept from the air as much as possible. Vanilla beans are very expensive, and pure extract is never cheap. Tonka beans are used as adulterations; then the extract will possess a pleasant fragrance and a bitter flavor. The vanilla powder employed by some in preference to the extract, is obtained by packing the beans in pulverized sugar; the flavored sugar is liable to the same objection as the extract, tonka beans being available for adulteration in either case. There is also a false vanilla bean which is inferior to the true. The genuine pods range in price from sixteen to twenty-four dollars per pound. The wide margin between these and inferior substitutes, furnishes a vast field for speculation, and it is by no means an unoccupied one.

**Late Potatoes.**

A good farmer called this morning (30th of September) and reports his two acres of Peachblow potatoes in fine growing condition, and thinks since the rain his chances for a fair crop is good. We think he is right, provided the frost holds off for two or three weeks. In 1870, we well recollect, there were no Peachblows grown up to the middle of October, but there was a good crop grown after that time. That year the frost held off very late, till about the middle of November, or a little later. We remember seeing potato fields in full blossom on the 12th of November. We know of one small patch of less than half an acre, that had no tubers larger than hickory nuts on the 15th of October, which yielded 130 bushels in November. Peachblows planted from June 15 to July 10 make a good crop if the late rains are abundant.—*Ex.*

**Wheat.**

It is difficult in the present day to realize the fact that wheat was at one time unknown in America; yet prior to the discovery of this continent by Columbus, there was no cereal in America approaching in nature to the wheat plant. It was not until 1530 that wheat found its way into Mexico, and then only by chance. A slave of Cortez found a few grains of wheat in a parcel of rice and then showed them to his master, who ordered them to be planted. The result showed that wheat would thrive well on Mexican soil, and to-day one of the finest wheat fields in the world is near the Mexican capital. From Mexico the cereal found its way to Peru. Marie D'Escobar, wife of Don Diego de Chuaves, carried a few grains to Lima, which were planted, the entire product being used for seed for several successive crops. At Quito, Ecuador, a monk of the order of St. Francis by the name of Fray Jodas Bixi, introduced a new cereal, and it is said that the jar which contained the seed is still preserved by the monks of Quito. Wheat was introduced into the present limits of the United States contemporaneously with the settlement of the country by the English and Dutch.

**Corned Beef.**

To make good corned beef, a correspondent says: To every 100 pounds of beef, take five pounds of salt, a quarter of an ounce of saltpetre, and one pound of sugar; dissolve in sufficient water to cover the meat. Do not get your meat too salt, for it makes it tough and tasteless. Do not allow it to remain over two weeks in the first brine, for it takes up all the blood that was in the meat, and consequently ought to be drained off, as the meat will be more likely to be injured than when separated and replaced with fresh brine, but more especially in warm weather. In this way it will keep with just sufficient salt to season it. In the second place, the cooking is of just as much importance as the corning; it should be boiled at least four hours, or until it can be cut and eaten as readily as a piece of soft bread.

By using syrup or molasses for mustard plaster, they will keep soft and flexible, and not dry up and become hard, as when mixed with water. A thin paper or fine cloth should come between the plaster and the skin. The strength of the plaster is varied by the addition of more or less flour.

**Horticulture.**

**Feed the Fruit Trees.**

When enriching the soil so as to procure a good crop of corn and potatoes, do not forget

to apply a liberal dressing to the too often neglected orchard. Rotation of crops cannot be followed with fruit trees, hence the greater necessity of systematically restoring to the soil so far as may be done, these elements consumed in the production of a crop of fruit. After an orchard comes into bearing it is commonly considered able thenceforth to take care of itself—the owner seldom failing to expect fair returns, and the orchard seldom failing to disappoint.

The reason is obvious; the trees are slowly starved and the fruit becomes scraggy or small in quantity. Alternate bearing years are a result of this treatment, as it is shown by the abundant crops that may be obtained every year by thorough cultivation, provided frost does not interfere. The barren year is nature's method of aiding the trees to collect from rain and atmosphere material for a productive year. It is just as reasonable to expect that a good crop of corn can be taken annually for a series of years from a field to which nothing had been restored, as to expect fruit to maintain its excellence on soil that is constantly growing thinner and poorer in needed material.—*N. Y. Tribune.*

**Quinces.**

In the *New England Farmer* the statement is boldly made that a really good bushel of quince has not been seen in Faneuil Hall market in three years, and the correspondent goes on to say:

"The quince tree is a gross feeder, and demands care and cultivation; that is all the secret there is about it. It is the common practice to let the tree grow at will, without pruning or trimming, until it becomes merely a struggling bush, made up of a multitude of small stems and twisted branches, unable to bear the weight of the fruit, or to withstand the wind. The proper practice is exactly the reverse of this. The trees should be set in deep, rich, and damp soil, which should however, be thoroughly drained; they should be at least ten or twelve feet apart. All lateral branches should be pruned off and the stem cut back to eighteen inches or two feet, and tied to a firm stake. During the summer it will make considerable growth and after it has finished growing in the fall, it should be again trimmed. Manure heavily every year, and prune carefully. The first year that the head is made, three shoots may be allowed to grow; cut these back the next season, and each will send forth two, making six principal branches.

"On a tree thus formed, the fruit is borne on small shoots extending down the sides of the branches and all decayed or superabundant shoots should be carefully removed, and do not be afraid to thin out the fruit. The quince tree likes salt, and an occasional scattering of salt over the surface of the ground, not too close to the main stem, will be of benefit. The only enemy to be feared is the borer. Against him the only defence is 'eternal vigilance.' If they once get into the trees they must be poked out of their holes by means of a wire, or if the mischief has proceeded too far before it is discovered, the trees may as well be cut down first as last. Paper tied loosely around the trunks and tarred on the outside, the earth being carefully drawn up to the same all around, will be found generally efficacious in preventing them from depositing their eggs."

**Preservation of Apples.**

A set of experiments made recently in Germany by Sorauer are interesting as bearing upon the question brought forward in a recent *Rural New Yorker*, whether winter apples can best be kept in a dry or a damp cellar. The results of these trials clearly corroborate the conclusions set forth by Dr. Hoskins in the issue of November 6.

Sorauer premises, that, while there is no longer any doubt in men's minds that light and warmth had better be excluded in order that apples may be kept fresh and be hindered from becoming overripe, there is still a diversity of opinion as to whether damp or dry air is most favorable for the preservation of the fruit. To test the question he experimented upon several kinds of apples, particularly the White Winter Pearmain. Three separate lots of apples having been weighed out, one lot was spread on shelves in an ordinary fruit-cellar, another lot was kept in air from which moisture had been pretty thoroughly removed by means of chemicals, and the third lot in air that was completely saturated with moisture. On reweighing the lots after the lapse of some time it was found that the apples kept in the air of the cellar had lost 3 1/2 per cent. of their weight; those kept in the dry air almost 8 per cent.; while those kept in air saturated with moisture had lost but little more than one-half of 1 per cent.

It could not be perceived that any advantage was gained by using the dry air. On the contrary, the apples kept in the dry air shriveled more than the others, and manifestly ripened more rapidly, so that, in the later months of the experiment, they were less sweet than the others, and a larger proportion of them decayed. Not a few of them became rotten-ripe, and this in spite of the fact that as was naturally to be expected, rather less moldiness appeared as time went on, upon the fruit kept in the dry air than upon that in the air which was saturated with moisture. The importance of hindering the fruit from coming too quickly to maturity was further illustrated in these experiments by the fact that the first apples to decay were those which were ripest—that is to say most mature—at the beginning of the experiments.

**USE LEIS' DANDELION TONIC**



**THE GREAT BLOOD & LIVER PURIFIER**

**PURELY VEGETABLE.**

**A Preventive for Chills, Fever & Ague**

**A SURE CURE FOR**  
Dyspepsia, Indigestion, Liver Complaint, Headache, Dizziness, Loss of Appetite, Languor, Sour Stomach, etc. Especially adapted for Kidney Disease and all Female Weaknesses.

The Dandelion Tonic is principally composed of fresh Dandelion Root, Juniper Berries, Red Peruvian Bark, Prickly Ash Bark, Iron and Alkalies: also an antacid, which will remove all belching sensations that are produced from sour stomach.

Price, \$1.00 per Bottle, or Six for \$5.00.

For Sale by all Druggists and Dealers in Medicines.

If your dealers do not keep it, send direct to the proprietors with money enclosed.

**SOLE PROPRIETORS,**  
**LEIS CHEMICAL MANUFACTURING CO**  
**LAWRENCE, KAS.**

**Farm Grist Mills**  
And Corn Shellers.  
**OVER 25,000 NOW IN USE.**  
Every Machine Fully Warranted. Price of Mills, \$15 to \$35. Shellers, \$5. Don't buy a Mill or Sheller until you have seen our terms and Illustrated Circular. Address LIVINGSTON & CO., Iron Foundry, Pittsburgh, Pa.

**Gold Medal Awarded**  
The Author, a new and great Medical Work, warranted the best and cheapest, indispensable to every man, entitled "The Science of Life, or Self-Preservation," bound in finest French muslin, embossed, full gilt, 500 pp. contains beautiful steel engravings, 25 prescriptions, price only \$1.25 sent by mail, illustrated sample, 4 cents; send now. Address Peabody Medical Institute, Dr. W. H. PARKER, No. 7 Bulfinch St., Boston.

**LANDS AND HOMES**



Stock, Fruit and other valuable property for sale. **\$100,000** worth of land for sale. **IN SO. WEST MISSOURI**

**A. PRESCOTT & CO.,**  
**TOPEKA, KANSAS,**

Have on hand

**Ready Money to Loan**

In Shawnee and adjoining Counties on good Farm security

**At 7 and 8 per cent.,**

**For Annum.**

**209 Percheron Horses**

Arrived in New York Aug. 25th

And under Customs valuation

Were Bonded for **\$350,000.00.**



These horses were imported by

**M. W. DUNHAM,**

WAYNE, DUPAGE CO., ILL.,

upon whose farm can now be seen

**One-Fifth of All Imported French Horses Now Living in America.**

During the past 17 months 200 STALLIONS AND MARES have been imported from France to this establishment, being MORE than the combined importations of all other importers of Draft Horses from all parts of Europe for any one year.

100 Page Catalogue sent free on application. Contains over 40 illustrations and the history of the Percheron race. Order "Catalogue K."

**GREAT CHICAGO FAIR, 1881,**

IN COMPETITION WITH THE LARGEST AND FINEST collection of CLYDESDALE HORSES ever shown, consisting of the PRIZE WINNERS at the GREAT SHOWS of SCOTLAND AND ENGLAND.

**M. W. Dunham's**

**HERD OF PERCHERONS**

was awarded the

**Grand Sweepstakes Prize, \$1,000 AND GRAND GOLD MEDAL.**

His Mare "MIGNONETTE" was awarded the GRAND SWEEPSTAKES PRIZE—\$500—AND GRAND GOLD MEDAL, and his Stallion "VIDOUC" was specially recommended to receive the Society's GOLD MEDAL.

Grange and Alliance.

NATIONAL GRANGE—Master: J. J. Woodman, of Michigan; Secretary: Wm. M. Ireland, Washington, D. C.; Treasurer: F. M. McDowell, Wayne, N. Y.

KANSAS STATE GRANGE—Master: Wm. Sims, Topeka, Shawnee county; G. O. John F. Williams, Grove City, Jefferson county; L. Samuel J. Barnard, Humboldt, Allen county; Secretary: George Black, Olathe, Johnson county.

EXECUTIVE COMMITTEE.—W. H. Jones, Holton, Jackson county; P. E. Maxson, Emporia, Lyon county; W. H. Toothaker, Olathe, Johnson county.

OFFICERS OF KANSAS STATE ALLIANCE.

President.—W. S. Curry, Topeka. 1st Vice President.—N. G. Gill, Emporia, Lyon Co. 2d Vice President.—J. T. Finley, Morehead, Labette Co.

3d Vice President.—A. A. Power, Great Bend, Barton Co. Treasurer.—Geo. E. Hubbard, Larned, Pawnee Co. Secretary.—Louis A. Mulholland, Topeka.

FINANCE COMMITTEE. J. M. Foy, Plumb Grove, Butler Co.; S. C. Robb, Wa-Keeney, Trego Co.; Thomas O. Hoss, Valley Centre, Sedgewick Co.

We solicit from Patrons, communications regarding the Order. Notices of New Elections, Feasts, Installations and a description of all subjects of general or special interest to Patrons.

State Items of Interest.

Chase Co. Leader: N. J. Swayzee has just received at his Peyton creek ranch, 900 head of ewes and 19 bucks, graded merino, from Michigan. They are in first-class condition. He is building two barns 20x100 feet each, board and batten sides and shingle roofs, and thinks he will be compelled to build another to accommodate the sheep before spring.

Cawker City Free Press: Hogs are selling at \$5.50 to \$5.70 per cwt. in this city. Wheat, \$1.00 to \$1.15 per bushel; corn, 40c.; rye, 70c.; turnips, 50c.; potatoes \$1.00, \$1.50; butter 20c. per lb.; lard 12c.; ham and bacon, 12c.; eggs, 16c. per dozen.

Garnett Plaindealer: No other year in all the history of Garnett, has ever witnessed the construction of so many new buildings as the year 1931. Besides the nine two story brick business houses, you can count about a dozen new dwellings on every street.

Lindsburg News: At last we are to have a mill. W. H. Jameson entered into a contract to erect with the merchants on October 1st. He agreed to put up a good steam flouring mill with not less than three run of burrs, to have it commenced by October 15th and finished by February 1st.

Dodge City Times: We learn of cattle dying from eating the second growth on cane stubble which had been frosted. W. H. Currens, of Hodgman county, who has many years experience in raising cattle, gives us some information on this matter. He says cows coming off of the dry range and turned on to cane stubble are apt to gorge themselves with the green cane, which ferments in the distended stomach and soon causes rupture and death.

McPherson Freeman: We have a lump of very fine salt brought from the Indian territory about 20 miles south of the Kansas line, and east of the Pan Handle. There is a place on the Cimarron river where salt in great quantities comes to the surface of the ground and is shoveled up by the wagon loads and sold for use.

Nickerson Argosy: Arrangements have been made by the farmers living about five miles north of town to have a sorghum mill located there next year, the farmers agreeing to plant 500 acres of cane, which is to be delivered at the mill at \$2.00 per ton.

Cimarron New West: A. S. Tracy took to his ranch four miles west of town, last Monday, 500 sheep, which he got out of the herd of Mr. Stots, whose ranch is near Garden City.

Harper Co. Times: The herd of 2,600 sheep belonging to O. D. Botkin and A. F. Gallup, reached Harper county last week and are now located at Gallup's ranch seven miles northeast of Harper, where they will be held. This is probably the finest herd of sheep of that size that is in the county at the present time, many of them being thoroughbred Merinos.

Council Grove Republican: Work on the Leavenworth, Topeka & Southwestern railroad is being pushed with great energy. Between four and five hundred teams are at work on the east end of the line and if we have good weather for a few months direct communication between the old and new metropolises of Kansas will be established.

Olathe Mirror: A sad accident happened out on the line of the Kansas City and Olathe railroad, last Saturday afternoon. A man named Rhodes, employed on the grade, while handling a pistol, in probably a careless manner, let it fall by which it was discharged, the ball striking his infant grand child passing entirely through his little body and into his own. The child died on Sunday morning, while the man at last accounts was improving, with fair prospects of recovery.

Lindsburg Localist: There is some talk about the area of fall wheat being less than in former years; this may be true of some localities but not so of the Smoky Hill Valley; and the fields are looking remarkably well.

Wa-Keeney World: The Bestons, on the Smoky,

have completed their 100x100 foot stone stock ranch. The wall is 23 inches thick at the base, 15 inches at the top and 5 feet high. They have also completed a good barn. We understand this to be the best furnished ranch in this region of country.

Valley Falls Era: Mr. A. L. Johnson has taken a contract to take care of 600 sheep for Mr. Hillyer near Meriden, and will move there soon.

Chetopa Advance: We are told by farmers and cattle men that fully one half of all the hay put up this summer and fall is rotten and unfit for use.

Salina Journal: Walnut township took the flag—the special premium offered by the county officers to the township making the best display in Class A—grain and vegetables.

Manhattan Industrialist: Hon. J. M. Van Nordstrand, of McPherson county, writes us an interesting letter, in which he offers some valuable suggestions in the matter of harrowing and rolling wheat in the spring. Mr. V. has followed this general practice for some time, and with great success. This year he has raised 2 1/2 bushels of wheat per acre after this practice; while his neighbors, with similar land and seed, but without the spring rolling and harrowing, raised from three to sixteen bushels only per acre. These are facts well worth the attention of Kansas farmers.

Humboldt Union: A number of persons who have purchased land of the railroad companies, in Elsmore township, will at the next term of district court commence proceedings against those of the League who have "squatted" on land purchased by them. Twenty or thirty of the owners will sue for possession, and it is their intention to carry the case to the higher courts if necessary. There is now a strong probability that this vexed question of title will be thoroughly tested, and the case settled forever.

Burr Oak Reveille: Several car loads of broom corn have been shipped east from this city during the week.

Spears Bros have about 250 head of fine stock hogs on their farm west of town known as the Carpenter farm. They are fixing things up in good shape.

Cosmos—Council Grove: An ill feeling of long standing between two farmers in Wabunsee county ended, last week, in a fatal quarrel, during which one was shot dead by the other. The murdered man's name was George Miller, and that of his murderer Matthew Fooks.

Osborne Co. Farmer: A son of Samuel Alexander, about 14 years of age, was thrown from a horse and quite badly hurt, last Thursday evening. He was riding at a high rate of speed when the horse slipped and fell, throwing the boy forward with great force. He was unconscious for several hours.

Garnett Plaindealer: Parents should not carry their boys, of the age of ten or twelve years, to allow guns and run about the country, shooting around promiscuously, at whatever their fancy dictates. Recently, one of these hoodlums shot and killed a valuable cow belonging to F. G. Burns. Such boys should be looked after, and kept within bounds.

Neosho Co. Journal: Our streets are constantly thronged with tented wagons loaded with happy and hopeful families; who have come to Kansas to prosper and grow rich. We welcome them. We notice a few patriarchs, eastward bound, who have amassed fortunes here, and have been summoned "back yander" to support and care for their wife's people, during the coming winter. They will come back as soon as the old folks can be made comfortable.

Holton Recorder: Card playing nearly always leads to gambling. We have been informed that a great many boys, some of them sons of members of the church, engage in this seductive game. Two persons were fined for gambling only the other day; others, if reports are true, ought to share the same fate. We hope our city officers will deal with the gamblers without fear or favor, and that the parents of the boys will deal with their sons for taking the first steps in this lawless career.

Chase Co. Leader: The grass on the fair ground, near floral hall, caught fire Thursday but it was extinguished before any harm was done.

Dodge City Times: Two large engines, with six drive wheels, passed west last Thursday evening. The letters, "Mexican Central," were emblazoned on these mammoth steam engines—and how suggestive of the course of progress. Soon the United States will have railroad communication with Old Mexico, and we are not unmindful of the importance of this connection to Kansas.

Larned Chronicle: A shipment of Larned flour to Kansas City from the Larned Mills brought the top price for fancy flour. It inspected as fancy and sold for \$3.75—the price that the fancy of Kansas City mills brought.

Abilene Chronicle: We regret to learn that the barn of John Lutzinger was destroyed by fire last Sunday. Mr. L. and family were attending church and the small children playing with matches was the cause. Besides the barn, which was a good one, about twenty tons of hay were destroyed. Mr. L. is one of the best farmers of Jefferson township, well known, and his many friends sympathize with him in his loss.

Onaga Journal: A prairie fire swept over the south prairie and destroyed about forty tons of hay for Mr. D. Smith.

Advertisements.

Our readers, in replying to advertisements in the Farmer, will do us a favor if they will state in their letters to advertisers that they saw the advertisement in the Kansas Farmer.

Scotch Collie Shepherd Pups. From noted stock. Ready for delivery now. Price, either sex, \$5.00. Address: J. M. ANDERSON, 202 4th St., Salina, Kansas.

WANTED, 400 Merino or Cotswold ewes, one to two years old; state price and other particulars. Apply to: FREW & CO., Fox Creek, Chase Co., Kas.

For Sale Cheap.

A Good Horse, In good condition, to be seen at "Hole de Hoss," opposite the Gordon House, or address: J. DANFORD, Corner 1st and Adams st., Topeka.

Rams for Sale.

SHROPSHIRE DOWNS. FIVE FULL BLOOD RAMS FOR SALE. S. H. THAYER, Solomon City, Kas.

FINE SHEEP FOR SALE

I shall arrive in the vicinity of Larned, Kansas, about October 10th with about 600 EXTRA FINE SHEEP, which I will sell at low prices, according to the grade. Address: A. B. LEGARD, Larned, Kas.

WARNER'S SAFE KIDNEY LIVER CURE. The leading Scientists of to-day agree that most diseases are caused by disordered Kidneys or Liver. If, therefore, the Kidneys and Liver are kept in perfect order, perfect health will be the result.

This Remedy, which has done such wonders, is put up in the LARGEST SIZED BOTTLE of any medicine upon the market, and it is sold by Druggists and all dealers at \$1.25 per bottle. For Diabetes, enquire for WARNER'S SAFE DIABETES CURE. It is a POSITIVE Remedy.

H. H. WARNER & CO., Rochester, N. Y.

SEMPLE'S SCOTCH SHEEP DIP.

Prepared from Tobacco and other vegetable extracts. Guaranteed to cure Scab, destroy Ticks and all Parasites infesting sheep. Is non-poisonous, and improves the wool. 75 cents per gallon. 2 1/2 gallons will dip 100 sheep. For circulars, address: T. SEMPLE, 390 West Main St., Louisville, Ky.

Stock Ranch. A Bargain.

I offer, for a short time only, my double ranch, in the Solomon Valley, for summer and winter range; plenty of timber and water. Each Ranch improved, 450 acres, 130 per cent. Wide outside buffalo grass range. Near railroad. Will carry 2000 sheep. Price with Reaper, Mower, etc., \$1,500 cash or stock. Or, I will take sheep on shares.

JOHN J. CASS, Allison, Decatur Co., Kas.

FOR SALE.

500 GRADE MERINO EWES and 400 GOOD WETHERS. Apply to: JAS. J. DAVIS, Everett, Woodson Co., Kas.

JERSEY BULLS FOR SALE.

Three head of Herd Register Bulls of choice breeding from my Jersey Park Herd, at reasonable prices. Dr. O. F. SEARL, Solomon, Dickinson Co., Kas.

SCOTCH SHEEP DIP.

Composed of Tobacco and other vegetable extracts which adheres to the wool till sheared, is not easily washed off with rain, 8,000 pounds sold in Kansas alone in 6 months and not a word of complaint of fered. No heating or steaming, but simply diluting with water. Send for circular and price list.

Hutchinson, Kas. J. E. WHITE, Agent.

For Sale Cheap.

2 shorthorn registered BULLS, 1 and 2 years old. H. W. McAFEE, 2 miles west of Topeka on 6th street road.

15,500 SHEEP FOR SALE.

8,000 Ewes 1 to 4 years old, 3,000 Wethers 2 to 5 years old, 4,500 Lambs. The above are graded sheep, large and well woolled, raised in Southwest Kansas, and are at Caldwell, Sumner County, Kansas. HASSARD BROS., Caldwell, Kas.

The "Jack Plane" Harrow and Roller.

Drawn by a pair of mules, is doing more and better work on my wheat fields than any harrow and roller can do. If I wanted a harrow or a roller I would purchase the Jack Plane.—Hon. Martin Allen, Hays City, Kas. Implement and territory for sale by: J. W. MULVEY, Kidder, Mo.

Public Sale

FIRST-CLASS SHORT-HORNS.

I am directed to announce for sale by auction on Tuesday, Nov. 8th., at RIVERVIEW PARK, KANSAS CITY, MO a choice selection of about 40 to 50 head from the celebrated Stoner herd of

GEO. M. BEDFORD, of Paris, Ky., and Graysonville, Mo., Among the number are several choice prize winners, both males and females, and a number of the

FAMOUS DUCHESS GOODNESS FAMILY

is included. Also a prize winning Rose of Sharon bull bred by A. Benick. Full particulars under in catalogue, which will be out by Oct. 15th, and can be had of either Geo. M. Bedford, Jr., Graysonville, Mo., or Geo. M. Bedford, Paris, Ky., or Col. L. F. Muir, Auctioneer, Paris, Ky.

Attention is called to the sale of Messrs. Hamiltons, Anderson and Ward on the 8th and 9th of November at Kansas City.

OSCAR BISCHOFF, (Late of Bischoff & Krauss,) Dealer in Hides & Tallow, Furs and Wool. Pays the highest market price. Wool sacks and Twine for sale. 66 Kansas Avenue, opposite Shawnee Mills, TOPEKA, KAS.

SHEEP SCAB CURED, Ticks and Red Lice KILLED WITH LITTLE'S CHEMICAL FLUID.

The new sheep dip and parasite destroyer. This fluid has all the advantages of Carbolic and Arsenic without their poisonous effects; entirely harmless when used internally or externally; mixes readily with and is used in cold water at any season of the year without injury to the stock; has never failed to give satisfaction. Send for testimonials, price list and directions. JAMES HOLLINGSWORTH, 210 LaSalle St., Chicago, Ill.

F. E. MARSH, GOLDEN BELT Poultry Yards, MANHATTAN, KAS. I have now ready to ship the finest lot of thoroughbred Light and Dark Brahma Chickens I ever had. Will sell cheap this fall.

MARSH'S CHICKEN CHOLERA CURE AND PREVENTIVE.

A sure cure and preventive of cholera, Roup, etc., 25 cents per package, or 5 packages for \$1.00, postpaid. Circulars and price lists sent free. Agents wanted to sell Challenge Cure to whom will give liberal terms.

F. E. MARSH, Manhattan, Kas.

POLAND CHINA RECORD.

A Record for the protection of breeders of PO AND-CHINA HOGS

has been established at Washington, Kansas, duly incorporated in accordance with the laws of Kansas. All breeders of said swine are invited to subscribe stock and otherwise assist in advancing our interests which are mutual.

Further information may be obtained by addressing The Secretary, at Washington, Kas.

ORLANDO S. SAWYER, Sec'y Northwestern Poland-China Swine Association.

WALTER BROWN & CO., WOOL COMMISSION MERCHANTS, 152 Federal St., Boston, Mass. CONSIGNMENTS SOLICITED.

CASH ADVANCES MADE. Commissions to cover all charges on wool after it is received in store, (excepting interest on advances), including guarantee of sales; on Washed Wools, five per cent; on Unwashed Wools, six per cent. Where wools are held under instructions of the owners for more than three months, an additional charge of one per cent. will be made to cover storage and insurance. Information by letter will be cheerfully given to any who may desire it.

WALTER BROWN & CO., 152 Federal St., Boston. References.—E. R. Mudge, Sawyer & Co., Boston, Park W. Wilder & Co., Boston; N. B. Bank of North America, Boston; National Park Bank, New York

W. C. HOUSTON Jr., & CO., Commission WOOL Merchants,

110 & 112 SOUTH FRONT, STREET, Philadelphia, Pa. Consignments solicited and liberal cash advances made.

Holstein Cattle

The largest and deepest milking herd of Holsteins in the World. 225 head, pure bred, mostly imported, males and females, of different ages.

A large and elegant stud of imported Clydesdale Stallions and Mares, of all ages. Hambletonian Stallions and Mares of superior breeding. Personal inspection invited. Separate catalogues of each class, and milk records of cows mailed free on application. All inquiries promptly answered. State that you saw this advertisement in the KANSAS FARMER.

SMITHS & POWELL, Lakeside Stock Farm, Syracuse, N. Y.

SHEEP RANCH FOR SALE.

One of the most complete Sheep Ranches in the state of Kansas, situated in Edwards county, seven miles from Garfield, on the A., T. & S. F. Railroad, containing 1,600 acres in one solid body, as good sheep land as there is in the state. Buffalo grass; the finest winter pasture; two good dwellings, 22x30; two scories, firmly built and well finished, large summer kitchens, good wells with pumps, and the best of never failing water; two barns 22x30; one and one-half story, first-class, galvanized and harness rooms; one machinery house, one and a half story, 22x30; one wind mill and pump, 12 foot wheel, 28 foot tower, water tank 140 barrels, well elevated, and inclosed with pipes under ground that distributes water to troughs in all the corals, to a complete dipping apparatus, and to the kitchen gardens; good substantial wooden sheds and close corrals for 2,000 sheep; good sheds and corrals for 25 head of cattle; in fact, a complete outfit arranged and located for two brothers or partners.

I will sell with the above property a full outfit of farm implement and working stock; about 20 head of Cows, Heifers and Calves; one pedigreed Durham Bull, about 1,500 Ewes, grade merinos, 250 yearling Wethers, 500 Lambs, 84 Hammond Bucks.

I will also sell with the above property, 500 acres of land on the Arkansas river, only 4 miles from the home ranch, occupying 5 miles of river front; producing fine hay; and the best of early pasture, with unlimited range through the hills.

JAMES HOLLINGSWORTH, 210 LaSalle St., Chicago, Ill.

Or A. HOLLINGSWORTH, Garfield, Pawnee Co. Kas.

Breeders' Directory.

PAVILION SHEEP RANCH, Pavilion, Wabunsee Co., Kas., E. T. Frowe, proprietor, breeder and dealer in Thoroughbred Spanish Merino Sheep.

T. WILLIAMS, Pleasant View Sheep Ranch, breeder of Thoroughbred American Merino Sheep, Emporia, Kas. Rams for sale.

CUNDIFF & LEONARD, Pleasant Hill Cows Co., Mo. breeders of thoroughbred Short-Horn Cattle of fashionable strains. The bull at the head of the herd weighs 3900 pounds. Choice bulls and heifers for sale. Correspondence solicited.

GEO. BROWN, "Shepherd's Home," Buffalo, Wilson county, Kansas, breeder of thoroughbred American Merino Sheep. Sheep for sale. Correspondence solicited.

C. PUGSLEY, Independence, Mo., breeder of Spanish Merino Sheep. Thoroughbred Rams registered in the Vermont Register for sale. Correspondence solicited.

HENRY & BRONSON, breeders of thoroughbred Merino sheep, Rams for sale, Abilene, Dickinson county, Kansas.

WM. PLUMMER, Osage City, Kas., breeder of Poland China Swine. Young stock for sale at reasonable rates. Farm three miles southwest of city.

ROBT. C. THOMAS, Edgingham, Kas., breeder of Short Horn Cattle and Poland-China Swine. Young stock for sale at low rates; correspondence solicited. A Yearling Bull for sale.

F. T. FROWE, breeder of Thoroughbred Spanish Merino Sheep, (Hammond Stock), Bucks for sale, Post Office, Abilene, Shawnee Co., Kansas.

H. ALL BROS., Ann Arbor, Mich., make a specialty of breeding the choicest strains of Poland-China Suffolk, Essex and Berkshire Pigs. Present prices less than last card rates. Satisfaction guaranteed. A few splendid pigs, gilts and boars now ready.

PIGS. POLAND CHINAS, Jersey Peds and York-shires; the Sweepstakes winners of Iowa. See reports of fairs of 1880. Dark Brahmans, SAM JOHNS, Eldora, Iowa.

River Side Farm Herd. (Established in 1868.)

THOROUGHbred POLAND-CHINA and BERKSHIRE Pigs and Hogs for sale, unsurpassed for quality, size and breeding. All stock warranted. Orders solicited. Will be at the State Fair, at Bismarck, and at Wichita Falls with Pigs for sale.

J. V. RANDOLPH, Emporia, Kas.

Nurserymen's Directory.

PEACH TREES FOR SALE at the Carthage Peach Nursery. Send for prices. B. F. WARD, Carthage, Jasper Co., Mo.

Notice to Farmers,

and all who want to plant Evergreens, European Larch, etc. My stock is large, all sizes from 6 inches to 10 feet. Nursery grown. Shipped with safety to all parts of the United States. Stock first class. Prices low. Send for free Catalogue before purchasing elsewhere. Address: D. HILL, Dundee Nursery, Kane Co., Ill.

THE Kansas Home Nurseries.

Offer for sale Home grown Fruit and Ornamental Trees, Vines, Shrubs, Plants, etc., of varieties suited to the West. Agents wanted. A. H. GRIESE, Lawrence, Kansas.

LaCygne Nursery.

(One mile north of depot.) 8 million Hedge Plants, 100 thousand Apple and Peach Trees, 50 thousand Pear, Plum, Cherry, and other fruit trees, 50 thousand small fruits, All kinds of Hardy Ornamental Shrubs, Trees, Vines, Bulbs, etc., etc. Write me what you want and let me price it to you. Address: D. W. COZAD, LaCygne, Linn Co., Kas.

SMALL FRUIT PLANTS.

Raspberry and Blackberry, \$5.00 per 1000. Strawberries—many varieties, \$4.50 per 1000. Asparagus, (colossal) \$5.00 per 1000. Rhubarb, (Linnaeus) \$10.00 per 1000. A large lot of other nursery stock. Write for Circular to: A. G. CHANDLEE, Leavenworth, Kas.

Nursery Stock

SYRACUSE NURSERIES. One of the largest Nursery Establishments in America. All the leading varieties of both Fruit and Ornamental Apples, Pears, Plums, Grapes, Roses, Elms, Maples, etc. In large quantities and of unequalled quality. Rare inducements to dealers. SMITHS & POWELL, Syracuse, N. Y.

KANSAS GROWN Nursery Stock.

The Miami County Nurseries of Louisville, Kas. Offer for the fall trade a large and fine assortment of Apple, Cherry, Peach, Pear, and Plum trees, Grape Vines, Small Fruits, etc., also a large stock of

Apple Seedlings, Apple Trees, and Osage Hedge Plants, which can be furnished in car load lots at a very low price. Special attention is given to the manufacture of APPLE ROOT GRAFTS.

Send for our wholesale descriptive catalogue which gives all particulars, etc. Address: E. F. GADWALLADER, Louisville, Kas.

WHISKERINE IS THE ONLY PREPARATION that will grow a BEARD and MAKE IT THICK. It is a safe and reliable preparation. Prepared by the makers of the famous "Whiskerine" and "Whiskerine" for the Shave. Sold by all druggists and dealers. Address: Dr. J. C. LEE, 112 N. 10th St., Kansas City.

TO ANY SUFFERING with CATARRH or BRONCHITIS Who honestly desire Relief, I can furnish means of Permanent and Positive Cure.

Rev. T. P. CHILDS Remedies are the outgrowth of his own experience. He first obtained the injunction "Physician heal thyself." His treatment in the only known means of permanent cure.—Baptist. Home Treatment. Thousands of Testimonials. Valuable treatise sent free. Rev. T. P. CHILDS, Troy, O.

## THE KANSAS FARMER.

The Kansas Farmer Company, Proprietors.  
Topeka, Kansas.

## TERMS: CASH IN ADVANCE.

One Copy, Weekly, for one year, 1.50  
One Copy, Weekly, for six months, 1.00  
One Copy, Weekly, for three months, .50

The greatest care is used to prevent swindling humbugs securing space in these advertising columns. Advertisements of lotteries, whisky bitters, and quack doctors are not received. We accept advertisements only for cash, cannot give space and take pay in trade of any kind. This is business, and it is a just and equitable rule adhered to in the publication of THE FARMER.

## TO SUBSCRIBERS.

Subscribers should very carefully notice the label stamped upon the margin of their papers. All those marked n43 expire with the next issue. The paper is a n43 ways discontinued at the expiration of the time paid for, and to avoid missing a number renewals should be made at once.

## Post Office Addresses.

When parties write to the FARMER on any subject whatever, they should give the county and post office both. Some of the new post offices are not put down in the post office directory, and when the county is not mentioned, the post office clerks do not know where to send papers or letters.

## Farmer for 25 Cents.

The KANSAS FARMER will be sent to any new subscriber from this date until the 1st day of January, 1882, for twenty-five cents. This offer is made simply for the purpose of getting the FARMER into as many new hands as possible, with the hope of extending its circulation and usefulness. Send in the names and money.

Mr. H. A. Heath, is traveling representative of the KANSAS FARMER, duly accredited. Any business transacted with him in the interest of the FARMER will be honored at this office. Mr. Heath is also special correspondent of the paper, and will be pleased to avail himself of all courtesies extended to him by people of Kansas for the benefit of the FARMER'S readers.

President Arthur begins admirably. He is as reticent as Grant.

The letter of H. F. M. came in too late for this week. It will have due attention in our next.

The acreage of wheat in Kansas in 1882 will not be as large as usual, but all agree in prophesying a good yield.

Late potatoes are making good growth in all parts of the state. Cabbage and turnips, also are growing vigorously.

Late pasturage is very good. Grass is growing fast in all parts of the state. Recent rains have repainted the prairies.

Economy must be practiced by all. The coming winter will be hard on most people. Save everything which can be saved.

A correspondent at Barclay, Osage county, wants to know the post-office address of Fish Commissioner Long. It is Ellsworth, Kansas.

The country children will soon be in school. Let them be comfortably and sensibly clad, and see that the school house is in good condition.

An interesting letter concerning the Franklin county fair is on our table, but it was not received in time for this issue of the FARMER. It will appear next week.

All the trash and rubbish about the premises ought to be removed and the place thoroughly cleaned up. Health is important and may be preserved by cleanliness.

Good bread is an evangelist. It prevents many a quarrel, and soothes stomach, and preserves eyes. It cultivates good nature, cherishes good temper, nourishes good deeds.

The McPherson horse fair was a failure owing to the very unfavorable weather, so the races were declared off until next fall. The entries made bid fair for a good exhibition.

The commissioner of agriculture has addressed a communication to the House of Representatives recommending enlargement of government buildings for use of his department.

Business throughout the country continues good. Failures have decreased in comparison with this period last year. Gold continues to come from abroad, and the treasury is paying government bonds.

The selection of Senator David Davis as president of the senate is as appropriate as it was smart on the part of the republicans. He is in favor of electing a democratic secretary and letting the committees remain as they are.

The National Live Stock Journal says that "the most rigid examination set on foot by the treasury cattle commission, at the great western centres of trade, have so far failed to disclose the presence of any trace of pleuro-pneumonia, and have only confirmed the members

of the commission in the opinion that the disease has not crossed the Alleghenies. The investigation will be continued, however, in a quiet and unostentatious way, for some months to come, for the commission have fully determined to take nothing for granted in a matter of such vital importance."

Our information is that Kansas is in fair condition. Wheat and corn were both short; but the value of those crops at ruling prices is fully equal to that of any former year. Those persons who are compelled to buy already feel the change in prices. Late potatoes are growing well, and will yet produce a fair, possibly a good crop. Late pasturage is excellent. Cabbage has taken new growth and gives promise of good returns. Young wheat is doing well. If farmers will see that their stock is well protected during the winter they will get through with much less feed than they formerly used. Let everything be made to count for all that it is worth.

## Economy in Mind-Work.

Economy of time is an element in a successful life which we are all prone to overlook. And in nothing are the stray moments more important than in securing a well furnished mind. Many attempt to excuse their ignorance of the current events of the day and the simplest principles of science by setting up a claim that they have no time to acquire such knowledge. It is a mistake, however, to assume that those following even the most exacting pursuits, or performing the most exhausting labor, can not become reasonably well informed. But to do so they must learn to economize time.

Probably, among no class of people is there better opportunity to apply economy in this respect than the farmers. Now, that the long winter evenings draw near, each household should arrange a plan for the odd hours which will, otherwise, slip by unimproved. A course of reading, carefully selected and faithfully and diligently pursued around the fireside, will make home much more attractive, and greatly increase the culture and intellectual force of all who participate. And besides yielding a bountiful harvest in the intellectual realm, it will lead to thoughtful, studious habits, and give a fund of useful information, which can be made available in the practical affairs of life. By all means utilize the spare moments in adding to your mental capital. It is the best investment you can possibly make.

## A Word to Kansas Farmers.

Every family ought to take a newspaper. In this age of the world no one can afford to be without this ready means of communication with the world. And whatever other papers are taken, the family newspaper can not be omitted. One at least which is suited to all the members of the household and which contains valuable and reliable information ought to make its weekly visit to every family. Much that is objectionable, and even absolutely false, finds its way into the many great political dailies and weeklies; and the presence of such reading in the family can not do otherwise than exert a pernicious influence. It not only inclines to skepticism in regard to the printed page, but it leads to distrust in the broader and more real field of society.

It is very important that the newspaper in the family should be reliable. The FARMER has a record of which it may justly be proud, and its present proprietors are determined that its patrons shall have no occasion to lose confidence in its columns. It will continue to be a live, family newspaper fully abreast of the age. Thankful for the liberal patronage of the past, and the hearty support in the present, we solicit prompt renewals on the part of our old friends, and larger additions to our happy family. We are ambitious to have the FARMER find its way into 10,000 Kansas homes during this winter.

## Topeka Daily Capital.

The Daily Capital, of Topeka, will be published as a morning paper every day in the week on and after November 1st. A strong company is behind it, with Henry King as editor-in-chief, and J. K. Hudson as business manager. Capt. King is recognized as among the best writers of the day. He is now receiving better compensation for literary work than any western man ever obtained. He expects to devote his entire time to the Capital and Lee—the latter to be an evening paper published by the Capital Publishing Company. The object of the new enterprise is to produce a paper which, in matter, style and make up, will be abreast with the times. The Capital will aim to represent Kansas fully and fairly, and earn for itself the honor of being the state paper. It will receive and publish the National Associated press dispatches, and will make a specialty of market and commercial reports. The miscellaneous department and correspondence will be carefully edited. The company assures the people that the Capital will, in all respects, be equal to the best Kansas City papers, and we believe it. Ample capital, experience and energy are happily combined in the enterprise. The FARMER welcomes the morning Capital.

## Peanuts.

Another correspondent in this number of the FARMER calls attention to the culture of peanuts, and wants information. We urge it upon the attention of our readers. Enough has been done to prove that Kansas soil is well

adapted to the growing of this crop. The writer of this has raised as good peanuts in Kansas as ever grew in North Carolina or Virginia; but it was only an experiment and on a limited scale. There are many people in the state now who every year have their peanut patch. It is a very profitable crop, and growing more so all the time. The use of the peanut is growing more general every year. There is no more valuable nut for food. It is well worth the attention of Kansas farmers, and we wish that some of our correspondents who know anything about cultivating this crop would give our readers the benefit of their knowledge.

## Salt as a Fertilizer.

A writer in the Cincinnati Enquirer is of opinion that salt can never take the place of guano, bone dust, and other commercial fertilizer, but it is beneficial in making the existing fertility in some soils immediately available, and in drawing moisture from the atmosphere. It is also excellent in destroying insects injurious to vegetation.

The same writer further says: We once scattered some salt over ground where potatoes were to be planted. When the potatoes were dug in June the land was cleaned and harrowed and sowed to purple top turnips. The salt seemed beneficial to the potatoes, and doubly so to the turnips, which grew large and fine, entirely free from any attacks of worms. It is becoming customary to use barn-yard manure when thoroughly rotten and made fine, as a top dressing for wheat after the wheat has been drilled in. We believe no better use can be made of barn-yard manure. But if a bushel of salt was thoroughly intermixed with every wagon load of such fine, rotten manure, we believe the top-dressing given to the wheat land would be found to be much more beneficial. Also if the same course was pursued in the top dressing of meadows and pastures in the fall it could not fail of being advantageous. The fine grass lands of England and Ireland are made so in part by their being exposed to the salty breezes of the sea.

## Broom Corn.

Concerning broom corn the Osborne county (Kansas) Farmer says: Walt Forman, the boss broom-corn raiser of the county, reports that the general crop is rather below the average both in quantity and quality, having been seriously injured in many localities during the past few weeks by the chinch bugs. He thinks that the aggregate amount of broom-corn to be marketed by Osborne county will not be more than 50 per cent in excess of last year's crop, but the advance in price will make up for the rather short yield. At present the price is about \$100 per ton, with prospects of an advance. Mr. Forman says that his crop is about the most satisfactory he has ever raised, and he naturally feels jubilant over his success. Having harvested his early crop, he is at present engaged in "seeding" and bailing the crops of parties who are not possessed of the necessary machinery to put their crops in a marketable condition, charging at the rate of \$5 per ton. The broom-corn crop of the county will probably bring in something like \$25,000 this year, which will be quite a lift. Most of those who experimented with broom-corn this year will go into it on a more extended scale next season, being convinced that it is a paying crop.

## Herefords.

The Ford county Globe likes Herefords. That paper says: Out of all the fancy breeds of cattle ever introduced into this section of country, we know of none that are as prolific as the Herefords, and to give evidence of this fact we will give an instance that is surely worthy of record. Hardesty Brothers, late of Sargent, Kansas, were among the first to try the superior quality of these blooded cattle, and are very highly pleased with their experiment, not only as to weight and quality of beef, but to their prolificness. A single cow since March, 1880, has given birth to six Hereford calves, three at a birth, four of which are now living and doing finely. Two of the first three died a few hours after they were born; the remaining one of the first three is now a strong, healthy yearling, and could not be bought for the price of a dozen yearlings.

During the week of the state fair at Topeka, Mr. M. E. Meech, of Winfield, presented the FARMER office with photographs of two of his noted rams—Jason and Rip VanWinkle, the former which cost \$3,000 in Vermont this year and at the age of four months sheared 14 pounds of wool. The pictures were mislaid in moving office and turned up only a day or two ago, which accounts for the delay in this notice. Mr. Meech is an extensive sheep raiser.

The FARMER acknowledges receipt of a few communications from farmers yesterday. This is a good sign. The more farmers write for us the better we can make the paper. Send in your thoughts, and so let others learn from your experience. Together we can make the FARMER grow more interesting and valuable every year.

Winter is not far distant. Some of the farm tools will not be longer needed until next spring. Every careful farmer will see that all such implements are carefully cleaned, oiled and put under cover. The waste of property through carelessness is very great. Take good care of every thing. It pays.

## Questions and Replies.

EDITOR KANSAS FARMER:—I fear I shall vex you with my compositions such as they are; but the copy of your paper containing my article on wheat growing contains a few errors made by me or the type. I think in place of early planting, it should be plowing. I have plowed up and seeded the same day, and raise just as much per acre, and of as good quality. But I will admit its correctness to all who want to seed for the fall of 1882 and reap the same in 1883, and it will be the best if drilled. But this fall's seeding on late plowing will give as give as good wheat, and yield as well where broadcasting is done well as the drilled.

Now, to Sephus, of Wabaunsee county, I will say that if he can show why I should not be entitled to some compensation for my information as if I had written a book, I want to see how it is; and why should I not be rewarded for facts and principles that are true, as well as to pay men and companies for experimenting in many things that have been useless? My article is no theory, but solid facts; and I can prove that I said what the crop would be, as long ago as last fall, or one year ago, and also told the varieties that would be the best, and have done so before I came here. My neighbors know that I have foretold almost or quite every year what would be the result, and will say to-day that the next harvest will be the best yield that has been produced since 1875, taking the United States as a whole. I can furnish the proof that I said to three men that in 1881 we would see, if living, the severest drouth that has been for many years.

There are men who think that if they don't know, no one else does know more than they. I do not want any one to think that I consider myself a Solomon, Elijah or one of the great prophets; but I have taken the time and trouble to keep a record, and on it I base my declarations, and never miss, and have not for more than twenty years, though it has been only about ten years since I began to speak on this matter, having kept all to myself. If the wheat growers of Kansas and other states will test the matter and record facts, they will be convinced, unless proof is of no avail, which is often the case with many.

Now, I have given my views at some cost for the benefit of all, and they are practicable; so the Sephus man must show me for nothing that I never saw, and never will see, unless he goes back on his own offer. I am anxious to learn all the good I can. I well remember the words used by an old clergyman when I was a small boy, and that was, he wished every young person would get the idea in their minds to try to make the world the better for their having lived in it. Yet I fear I have not been as much as is useful.

I will ask, what is the object or mission of the State Board of Agriculture? Is it to assist the farming interest of our state, or is it to simply to do much blowing by the help of a reporter from or of each county, and then ask pay for so doing? I was very anxious to attend the state fair, so as to see and learn what I could on this point in particular. I always like to meet my brethren from all parts of the state, as well as some from other states. Surely my heart is in the good cause of the husbandmen of our great state, which I shall ever be found defending, unless greater reasons and proofs shall be brought to bear against her than have thus far been arrayed.

I ask each subscriber of the FARMER to lay aside the copy containing this article, if found in it, for special reference as to the correctness of my statements:

First, The coming wheat crop will be of large yield and good quality.

Second, It will be early, and the late varieties will be the best.

Third, The broadcast will be as good as the drilled, if the work is well and evenly done. I refer to the crop of the United States.

Fourth, We will have a warm winter.

In looking over the record of wheat crops for forty-eight harvests, it is a noticeable feature that during all those years there has been but three crops of the odd years that were paying ones in the aggregate. Now I hope all your readers will look well to the coming crop and see how it turns out. J. C. H. SWANN, Sedgwick Co., Oct. 10.

The KANSAS FARMER is growing in influence every year. It is a fixture—a permanent institution. The proprietors propose to make its usefulness and continued success a study. They will aim to make the paper more desirable as a farm and family journal. Terms to clubs are so low that every family can have the FARMER and not feel the expense. No farmer in Kansas ought to be without it.

From a report of the department of agriculture showing the condition of crops in the United States on the first day of September, it is seen that the general condition is better than was estimated. The average, taking the country over, including all important crops, was not less than 75 per cent. Some localities are not that short, while others have suffered much.

Our public school system will never be what it ought to be until it gives pupils a business education. Every scholar, boy and girl, at sixteen to eighteen years of age, ought to understand the nature of all ordinary kinds of business. Then they would not be compelled to serve an apprenticeship to learn the theory of business.

Guiteau was arraigned the 14th inst., and plead not guilty. His counsel, Mr. Scoville, (husband of Guiteau's sister,) stated that the defence would be, first, insanity; second, that

the wound was not necessarily fatal. He asked delay thirty days in order to obtain counsel and witnesses. He wants the government to pay the expenses of his witnesses. The trial is set for November 7.

The Industrial League of America has called a national tariff convention to meet in Chicago the 15th day of November next. All the varied industries of the United States are urged to send delegates so as to properly and fairly represent their several interests, embracing agriculture, manufacturers, shipping, mining, navigation and labor in their diverse branches.

Yorktown, where Lord Cornwallis surrendered his troops to General Washington, October 19, 1781, is a village of about two hundred inhabitants. Accommodations for visitors at the centennial celebration there this week had to be made specially for the occasion. Tents, steamers, and temporary structures are prepared by the committee.

An article recently appeared in the Methodist calling attention to the decadence of spirituality in that branch of the church for which the Methodist speaks. It argues that Methodism's great object is evangelization, and that cannot be effective without a predominance of the spiritual in all church labor.

Correspondents ought to remember that printers expect manuscript to have writing on one side only of the paper. The reason is, that the pages may be divided among the printers who put the matter in type; and if they are on separate sheets, they are not missed.

## A Talented Lady's Views

Mrs. C. F. Fleming, State Lecturer of Missouri, and also an artist of rare merit, whose picture of Adelaide Nettles is pronounced by the press to be the most beautiful portrait in the United States, in a recent letter said: "I have been troubled with kidney disease since my childhood, and it finally culminated in chronic catarrh of the bladder. It would be impossible for me to describe how much I have suffered, and I had abandoned all hope of ever being cured. I was, however, recommended to try Warner's Safe Kidney and Liver Cure, and it has done me more good than the combined skill of all the physicians I have ever tried during my entire life." Such testimony is beyond question, and proves the value to all ladies of the remedy it advocates.

## An Admirable Likeness.

Wm. E. Marshall, the engraver on steel, who so distinguished himself by his admirable line engravings of Lincoln and Grant, has just published through Oscar Marshall of New York, two admirable likenesses of President Garfield which have evidently been long in labor, and are not a hasty catch at the market. The two portraits are first a profile which brings out admirably the projection of the ear, and secondly a full-face view, both strongly lined and expressive likenesses. We call special attention to the advertisement that appears in another column.

## A Cough, Cold, or Sore Throat

should be stopped. Neglect frequently results in an Incurable Lung Disease or Consumption. BROWN'S BRONCHIAL TROCHES are certain to give relief in Asthma, Bronchitis, Coughs, Catarrh, Consumption and Throat Diseases. For thirty years the Troches have been recommended by physicians, and always give perfect satisfaction. They are not new or untried, but having been tested by wide and constant use for nearly an entire generation, they have attained well merited rank among the few staple remedies of the age. Public speakers and Singers use them to strengthen the Voice. Sold at twenty-five cents a box everywhere.

## Announcement.

We are authorized to announce that Capt. E. E. Bush is a candidate for Sheriff of Shawnee county at the general election in November next.

## Special Notice.

The KANSAS FARMER, Weekly Capital, and American Young Folks, sent one year for \$2.50. KANSAS FARMER Co.

## The Temperance Mutual Benefit Union of Kansas.

This mutual was chartered December 1878. Four death losses only have occurred and three of these were accidents. All were promptly paid. During the amendment campaign, Dr. Cooley, state agent, was the only agent in the field yet over 800 applications were taken, amounting to \$750,000 and over of policy stock. His time was almost wholly spent in lecturing for the amendment. Now there are more agents in the field and more applications every day for agencies.

It costs only \$1.50 for a \$625 policy in this, \$2.50 for \$1,250 and \$4.50 for 2,500 policies. It is a home institution and some of the first men of our capital and state are connected with it whose names are a standing guarantee that it is all right. The classes are filling rapidly and the above rates continue only till they are full, as charter rates.

Low as it is, all ministers admitted and their wives at half price if they will help it forward. Rev. W. R. Davis, D. D. says of it: "I have compared the T. M. B. U. of Kansas with many others, and I deem it the most perfect success in all its aims of any like institution in the United States, and heartily commend it to all, especially ministers."

All inquiries addressed to Rev. Wm. M. Cooley, M. D., state agent or Capt. C. E. Wheeler, secretary, will be promptly answered. Agents wanted. Office, room 12, over post office, Topeka, Kansas.

## Deserving Articles are Always Appreciated.

The exceptional cleanliness of Parker's Hair Balsam makes its popular. Gray hairs are impossible with its occasional use.

## Mr. Patterson Meant What He Said.

I hereby certify that my boy was taken sick with typhoid fever, followed by congestion of the lungs. Dr. Dyer, an eminent physician, stated that the boy had quick consumption. A Mr. Patterson told me that Coe's Cough Balsam was curing similar cases and advised me to try it. When I carried it home my wife laughed at me, but I knew that Mr. Patterson meant just what he said, and I determined to try it. Two bottles cured him, so that now he is as healthy as anybody. LYMAN DORMAN, Huntington, Conn., Aug. 29, 1866.

Floriculture.

Roses from Cuttings.

A lady writer of the "Western Horticulturist," gives her method of propagating roses from cuttings, as follows: "In the first place I get a shallow box, not more than three inches deep, bore holes in the bottom, then get a piece of zinc that will fit loosely in the bottom of the inside of the box. So far so good. Now for the soil to re-plant them in. I go to the woods and get some leaf mould; then go to the road and get half as much road dust, then I go to the river's edge and get a quarter as much clean, coarse sand. Now for business. I put leaf mould, dust and sand altogether, and mix thoroughly, and then I run it all through a coarse sieve which I had made on purpose. Now the soil is ready to fill in the box. Do not get it too full. Get your cuttings ready next. I most always take mine in June, but July or August will do, for you see we need the hot sun to help us. I take the stems of roses that have bloomed—I do not want more than three inches in length. I cut off the seed end and clip off the lower leaves, and see to it that the slips have good eyes at the end that is set in the earth. Set them so far a part that a glass tumbler will fit close down in the earth side by side. Set the cuttings, pack the earth firmly about them, and water thoroughly; after the water settles away turn on your tumblers, and put your box in a hot place in the yard. Remember the box must be set on the ground, not on boards or benches. The earth is warm underneath the box; the zinc draws heat and keeps up a moisture at the roots. In this way I never fail to root ten out of every twelve cuttings I put in. I bought me two dozen tumblers on purpose for rooting plants. Water them when they need it; take off the tumblers, sometimes, in the evenings, sprinkle the plants well and put the tumblers back again. In about three weeks, you will see the leaf bud swelling out and soon a tiny leaf. After a slip is in the ground two weeks and still looks fresh and green, it almost always grows.

Dr. Hammond says that when you poke the end of your finger in your ear, the roaring noise you hear is the sound of the circulation in your finger, which is the fact, as anyone can demonstrate for himself by first putting his fingers in his ears, and then stopping them up with other substance. Try it, and think what a wonder of a machine your body is, that even the points of your fingers are such busy workshops that they roar like a small Niagara. The roaring is probably more than the noise of the circulation of the blood. It is the voice of all the vital processes together—the tearing down and building up processes that are always going forward in every living body, from conception down to death.

Boys and girls must have sympathy, good cheer, and something to do. Youth especially needs a warm grasp of the hand; a sunny smile on the face, a tender interest in the hopes and plans of an untried life. Older people grow lean and shriveled of soul from the coldness and selfishness they find in after-life; but children, and youth especially, must have the warmth of affection for a healthy growth. We must not forget that they need company.

Mothers! Mothers!! Mothers!!!

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GREAT SALE OF PURE BRED HORTHORN CATTLE, Manhattan, Kas. C. M. Gifford, C. E. Allen and other leading breeders of Riley county, and the Hamiltons of Kentucky, will hold a Joint Public Sale of Thoroughbred Shorthorn Cattle at the Fair grounds, Manhattan, Kansas, Thursday, November 3d, 1881. The offerings will consist of about 60 HEAD OF MALES & FEMALES From the Following Well-Known Families. Young Marys, Rose of Sharons, Josephines, Harriets, Miss Severs, Ianthas, Clarksville, etc., etc. Among young bulls ready for service. Young bulls heifers and a large number of choice. The sale will be conducted by Col. L. P. Muir, of Kentucky, assisted by S. A. Sawyer, of Manhattan. Sale positive and without reserve. Catalogues will be ready October 10th, 1881. TERMS CASH, or four months time will be given on approved notes with 10 per cent. interest. For full particulars, and catalogues address C. M. GIFFORD, Manhattan Kansas. C. E. ALLEN Manhattan Kansas. JOHN B. GIFFORD, Manhattan, Kansas.

Great Public Sale of Shorthorn Cattle and Clydesdale Horses, Hilldale Farm, near Blandinsville, McDonough Co., Ills., WEDNESDAY, NOV. 2d, 1881. At the above time and place we will offer at public auction SEVENTY HEAD OF WELL BRED SHORT-HORNS, AND TEN HEAD OF IMPORTED SCOTCH CLYDESDALE STALLIONS & MARES. The Short-Horns consist of 55 females, and 12 or 15 Bulls and bull calves, representatives of the following well-known families, viz: RENICK ROSE OF SHARONS, YOUNG PHILLIPS, GOULD, FERMONAS, NELLY BLIES (Scar Sort), JOSEPHINES, WHITE ROSES, LADY BARMPTONS, VICTORIAS, MISTLETOES, MANDANES, CASAS, MAZURKAS, LADY CAROLINES, MANLYS, and many other good families. The families are a very desirable offering, most all reds, some reans. All that are old enough are safe in call to London Duke 31st, and the number does not include a single doubtful breeder or barren animal. Among the bulls to be sold is the finely bred bull, London Duke 31st 3135, that is a very fine individual, and has produced a most excellent sire, also, one fine red one-year Renick Rose of Sharon bull by London Duke 31st. At same time and place J. & C. Huston will sell six imp. Scotch Clydesdale stallion and four mares. Horse sale in forenoon, cattle sale afternoon. Blandinsville is easily accessed being situated on the Peoria & Iowa Division of the W., St. L. & P. R. R., 20 miles west of Bushnell, Ill., 35 miles east of Keokuk, and 2 1/2 miles south east of Burlington, Ia. On Nov. 3d M. Branson of Iowa, Ill., will sell 40 head of Shorthorns at Bushnell, Ill. For particulars and catalogue address Col. J. M. JUDY, Auctioneer, RIGDON HUSTON SON.

Our Price-List for the Fall of 1881 is now ready, and will be sent free to any address. We sell all kinds of goods, in any quantity, at wholesale prices. Send for Price-List, and see how well we can supply all your wants. We are the originators of the system of dealing direct with the consumer at wholesale prices. Experience enables us to avoid errors. No obligation to buy. MONTGOMERY WARD & CO., 227 and 229 Wabash Ave., Chicago, Ill.

Percheron-Norman Horses. The Largest and Finest Lot West of the Mississippi River. My stock consists of CHOICE SELECTIONS from the well-known studs of E. Dillon & Co., and M. W. Dunham, and young stock bred from these selections. I will sell STOCK BRED IN OUR OWN STATE, as fine as the best that are imported, or raised in this country, for less money than the same quality can be purchased in Illinois. Young Stallions and Mares for Sale. I have ONE STALLION six years old, weight 1700 pounds, fine style, good breeder, for sale. Will sell on time with good real estate security. Correspondence promptly answered. HENRY AVERY, Wakefield, Clay Co., Kas.

IMPROVED HOWE SCALES. The Best Made. Catalogue sent FREE on application to JORDEN, SELLECK & CO., Gen. Agts. Chicago, St. Louis, Cleveland. MAKE HENS LAY. An English Veterinary Surgeon and Chemist, now traveling in this country, says that most of the Horse and Cattle Powders sold here are worthless trash. He says that Sheridan's Condition Powders are absolutely pure and immensely valuable. Nothing on earth will make hens lay like Sheridan's Condition Powders. Do not use any other powder until you have tried this. Send for the right letter stamps, 1 S. JOHNSON & CO., Boston, Mass., formerly Bangor Me.

Literary and Domestic

In Memory.

BY JOHN GREENLEAF WHITTIER.

As a guest who may not stay, Long and sad farewells to say, Glides with smiling face away.

Of the sweetness and the zest Of thy happy life possessed, Thou hast left us at the best.

Warm of heart and clear of brain, Of thy sun-bright spirit's wane, Thou hast spared us all the pain.

Now that thou hast gone away, What is left of one to say Who was open as the day?

What is there to gloss or shun? Save with kindly voices none Speak thy name beneath the sun.

See thou art on every side, Friendship nothing finds to hide, Love's demand is satisfied.

O'er manly strength and worth, At thy death of toil or hearth, Played the lambent light of mirth.

Mirth that lit but never burned; All thy blame to pity turned; Hatred thou hadst never learned.

Every harsh and vexing thing At thy theme-fire lost its sting; Where thou wast was always spring.

And thy perfect trust in good, Faith in man and womanhood, Chance and change and time withstood.

Small respect for cant and whine, Bigot's zeal and hate malign, Had that sunny soul of thine.

But to thee was duty's claim Sacred, and thy lips became Reverent with one holy name.

Therefore on thy unknown way Go in God's peace! We who stay But a little while delay.

Keep for us, O friend, where'er Thou art waiting, all that here Made thy earthly presence dear.

Something of thy pleasant past On a ground of wonder cast, In the stiller waters glassed!

Keep the human heart of thee; Let the mortal only be Clothed in immortality.

And when full our feet as fell Thine upon thy asphodel, Let thy old smile greet us well.

Proving in a world of bliss What we fondly dream in this,— Love is one with holiness!

—Atlantic Monthly.

ANDRE'S LAST NIGHT IN NEW YORK.

A Revolutionary Tale.

"There was a sound of revelry by night. The moon was shining brightly upon the polished musket and gorgeous equipments of a sentinel in scarlet uniform of the Buffs—the crack regiment of the day—as he traversed his brief round at the garden gate of Greenwhich street behind the residence of Sir Henry Clinton, the commander-in-chief of the British forces in America. His stalwart figure and high grenadier cap made his shadow appear gigantic beneath the rays of our full and glorious orb, the western moon. Occasionally he would pause, as if listening to the rich music, which ever and anon swelled forth from the residence of Sir Henry, and his thoughts turned upon the youth and beauty mingling in the dance within. Once or twice he crossed the back of his hand across his eyes, as it to stay a truant tear that was stealing from its fountain. His memory rushed to the days of his early home in "merry England."

"By St. George!" he muttered, half aloud, "I did not think I could be so childish! The sound of the tune has put me in mind of home and old Devonshire."

Saying this, he broke out into the military eong of General Wolfe, which, as tradition goes, he sung while passing up the St. Lawrence the night before he fell on the plains of Abraham:

"Why, soldier, why Should we be melancholy, boys, Whose business 'tis to die," etc.

His voice, naturally sweet, sounded perfectly melodious, as, unconsciously, he forgot his duties as sentinel, and gave to the song the full compass of his manly tones. At a little distance, concealed from the sentinel by the shrubbery, was an officer, upon whose arm leaned a beautiful girl—absentees from the ball-room. As the after fate of this brave officer forms a memorable page in our country's history, my readers may perhaps like a description of his person. He was rather under the middle height, of a handsome, well made figure, and erect military carriage. His face was oval, and the features decidedly handsome. The main expression of his countenance displayed frankness and sincerity. His scarlet coat was faced with buff, and buff breeches, with white silk stockings, adorned the lower person. Such was the ball room costume of an officer of that period.

"You seem melancholy to-night, Major Andre," said his fair companion. "On such a

night as this, you should be otherwise." "And in such company, you should have added, Miss Beckman. Pardon me for this apparent quietness. The thought that this may be the last night that I shall ever spend in New York, is enough to make one feel melancholy, is it not, fair lady?"

"Leave New York, Major Andre?" said the young lady, with some surprise. "Are you going south with Lord Cornwallis?"

"A soldier, Miss Beckman, must inform no one of his destiny, and particularly one like yourself, with a touch of the rebel feeling towards your countrymen. This much I will answer—I am not going south."

"Some new plan of Sir Henry's, I'll be bound," said the laughing girl. "I do love Washington, and that is the truth. My father, it is certain, remains firm in his allegiance to King George; but I—I go with our Republican George—the soldier from Virginia."

"I cannot say that I think less of you for such a feeling, Miss Beckman, said Andre. "It is natural; we should love our country. Washington is a brave soldier, and, from all I hear, a good man. Be that as it may, however, he has no right to take up arms against his lawful king; and when he is taken, as he must be, he will end his days on a gibbet."

"I'll wager you this pin," said the merry-hearted girl, in a laughing tone, taking one from her hair, "against the first new novel you receive by the London packet, that you will suffer such punishment first—and that you know is impossible, Major; for my countrymen treat the king's officers with the greatest respect when prisoners. Spies only are hung, and neither Washington nor yourself is likely to undertake that profession."

It seemed as if a spasm passed through the frame of the officer, for he trembled for an instant like a leaf, an instant which was long after remembered by his fair companion, when mentioning his melancholy fate.

"You are ill, Major; let us go in."

"No, no," said he, faintly; "it was but a momentary nervous affection, and has now passed."

"There are, at times, Miss Beckman, presentiments of evil in the human mind, that come without real cause, and trouble us we know not why. I cannot say but that my physical health is as good as ever it was. The night is beautiful, and the scene within Sir Henry's mansion enchanting; but still there is a heaviness about my spirits that I cannot shake off. I see a danger before me, yet I know not where to guard or how to meet it. Though shadowy, it appears palpable and distinct. Ah, that song!"

At this moment, the silvery tones of the sentinel's voice rang sweetly upon the ear with the words of the song we have mentioned. Whilst thus engaged, the Major and his fair companion suddenly appeared before him. In an instant his voice was hushed, and his musket brought suddenly to "present arms," as he stood motionless in true military position before his superior.

"Nay, nay, Whitney, cease not your song," said the major; "on such a night as this, I wonder not that you should feel like singing. I will stand responsible to the sergeant for such a breach of discipline."

"I should like it much better to hear it in full, soldier," said the lady.

"I only know it, lady," said the sentinel, "from hearing Major Andre sing it when I've been on duty at his quarters. Perhaps, he, madam, will consent to favor you with it."

"Well, Miss Beckman, I will not deny you, but I cannot equal Whitney in the song, as you will soon find out."

He then commenced, and sang with great pathos and beauty. The calm splendor of the night, his pensive air, and the feeling with which he entered into the words of the song, gave it great effect. As he concluded, he was surprised to hear the exclamations, "Bravo, Andre!" "Beautiful!" "Excellent!" from numerous voices. In fact, he was surrounded by a goodly portion of the ball room company, who had availed themselves of a pause in the dance to visit the garden.

"Well done, Andre!" said a stout and portly gentleman in military costume, with a large star on the breast of his coat; "you shall hereafter bear the title of song master, as well as adjutant general, to His Majesty's troops in America. But come, man, your politeness and gayety seem to be on a furlough to-night. The Baroness de Reidesel has been looking all over for her partner. Step in, my dear fellow, step in. Miss Beckman, will you condescend to take my arm?"

"I have been neglectful, Sir Henry, and will go instantly and repair my wrong," said Andre.

He entered the ball room and waltzed with Lady Reidesel, the wife of the Hessian general, Burgoyne's second in command at Saratoga. It was the last waltz and ball room scene ever engaged in by Andre—the night of the 19th of September, 1780.

The ball was over, the guests had departed, and it was waxing towards daylight when Andre left the private closet of Sir Henry Clinton and stood in the doorway looking toward the Bowling Green.

"Now, my dear Major," said Sir Henry, "I bid you adieu. May success attend your efforts. If your interview with Arnold terminates as we have reason to expect, West Point is ours, and a general's commission awaits John Andre. Be cautious, I entreat you."

"Adieu, Sir Henry. I go to serve my king and country. If I—but I will not say it. Sir, farewell."

passed on. At the water's edge he sprang into a boat, and was soon after on the deck of the Vulture sloop of war, on his way to his final interview with Arnold.

In a little more than ten days, the high-minded soldier dangled on a gibbet. His hopes of glory were forever closed in the dust and ashes of the grave.

Do Your Best.

BY FRANK J. OTTARSON.

When honest Davy Crockett said, "Be sure you're right, then go ahead," He crystallized a maxim true—"He biddeth better than he knew."

Be sure you're right, or come as near The right as mortal man may steer; Who does his best, exhausts his store—"Angels themselves can do no more."

Be high your aim; then if you miss, Your consolation comes with this: If I did miss, I missed the sun, And so has many a prouder one.

Be not discouraged; work away; Worlds are not builded in a day; Though clouds enwrap you far and wide, There's sunshine on the other side.

The needle whose magnetic soul Forever searches for the pole— Even this will vary. Judge ye, then, If constancy can dwell with men.

Perhaps the storm may by its force Compel a little change from course; Yet change with care, and when you can, Resume your "on, straight on" again.

Cure for Cancer.

EDITOR KANSAS FARMER:—Take the yolk of an egg, thicken with salt, spread on a cloth, and apply to the cancer; renew frequently.

I knew two cancers on one man cured by this remedy. He told me that he used 132 eggs on the first one, which was on his breast, and a case of long standing; and when it came off he said it resembled a large spider. The second was taken in time and soon cured.

The above is also said to be a sure cure for a snake bite, if poultice is changed or renewed frequently. Try it and save your whisky. It may be beneficial where the other is not.

I have long intended to send this to you for publication, hoping it would be of use to some one. D. DORAN.

Oct. 10, 1881.

Recipes.

APPLE PUDDING.

Pare and core good eating apples, cut them in halves or quarters, and lay them in the bottom of a pudding dish; make a batter of six eggs, six tablespoonsful of flour, one cup of milk; bake until it is brown; eat with sweetened cream of sauce.

SQUASH CAKES.

Boil the squash thoroughly in salted water, and with a masher, after the squash is strained, make as smooth as possible; half a pint of sifted flour, a pint of milk, two eggs, 4 table-spoonful of white sugar, and a teaspoonful of salt; mix these all together, having first beaten up the eggs; add to the last two cupfuls of the squash; if not thick enough, add a little more squash, and beat it all up until it is smooth; half a teaspoonful of cream of tartar makes it lighter, but if the mixture is well fried, in small, thin cakes, it is light enough as it is. Eat with powdered sugar.

TOMATO CATSUP.

To one basket of tomatoes take half an ounce of ground allspice, one ounce and a half of whole black pepper, half an ounce of whole allspice, quarter of an ounce of whole cloves, one cup of salt, one cup of sugar, two peppers. Cut the tomatoes into pieces and boil for half an hour. Take them out, mash and strain them through a fine sieve, mix the pulp with the spices and boil four hours. Before bottling, put into each bottle one teaspoonful of the very best vinegar. Cork tightly and seal the corks with care. Catsup made in this manner will keep for two years if the bottles are put in a cool dry place.

Eggs.

SCRAMBLED.

Six eggs, one coffee-cup of milk, one teaspoonful of butter, one teaspoonful of flour and salt. Beat the eggs very light, rub the butter and flour together, add this to the milk after it has been placed on the stove and become a little warm, salt to taste, add the eggs, and cook until the whites are cooked; then serve while hot, or with toast.

MINCED.

Shell four or five hard-boiled eggs, and mince them, but not very fine. Thicken a breakfast-cupful of gravy or milk, with sufficient flour rolled in butter; add some savory eggs, chopped small; season with white or Cayenne pepper, a little nutmeg and salt; simmer it for ten minutes, put in the eggs, shake it gently round and round the fire for a few minutes, and serve garnished with sippets of toast and small pieces of spiced lemon. Any particular flavor may be given to this dish to suit the taste.

BROWN.

Hard-boil some eggs, put them into cold water, shell them and slice them; lay them upon hot buttered toast, and season them according to taste, strew fried bread crumbs over them, then sprinkle them with catsup, and brown them.

Over 165,000 Howe scales have been sold. Send for catalogue to Borden, Selleck & Co., General Agents, Chicago, Ill.

Interesting Scraps.

If your white kid gloves are soiled, rub cream of tartar on them, and they will look like new. To remove finger marks on a highly polished piano wipe it with a cloth wet in pure cold water. It does not injure in the slightest if wiped dry, and restores the new look at once.

A lady has discovered that grapes packed in granulated sugar will keep fresh longer than when packed in sawdust, and as the sugar is not injured, expense will prove no objection.

An extensive grape raiser says: It is fairly proved that paper bags made of good manila paper, to cover the cluster of grapes while ripening, afford an excellent protection against mildew, birds and insects. Elaborate tests made at a German experiment station to ascertain the best means of preserving apples and pears during winter, showed that in every instance the one condition indispensable to long keeping was an intact skin.

Most men are easily led by their wives if affection, not harshness, is manifested toward them. They cannot bear the least appearance of slight or dictation, but are touched and soothed by the appearance of submission and affection; and it is thus that, strong in her very weakness, woman literally conquers by stooping.

Do not be afraid to whitewash fruit trees of all kinds. It looks neat, fresh and nice; and it not only destroys insects and their eggs, but the white coat on the body of the tree reflects the heat and keeps the inner bark and sap vessels from being scalded and blighted by the rays of the sun. Every fruit grower knows by experience how injurious the blaze of the sun is to the limbs and trunk of a tree:

The roots of many useful and ornamental plants, such as cannas, dahlias, and gladioli, may be safely wintered in dry soil by means of external covering. But as they do not require light during the winter it is safer to lift and store them in a dry cellar or building from which frost is excluded. We find them to keep best says an agricultural writer, packed in a soil just moist enough to keep the roots from swelling.

Bathe your eyes daily in salt water; not salt enough though to cause a smarting sensation. Nothing is more strengthening, and we have known several persons who, after using this simple tonic for a few weeks, had put aside the spectacles they had used for years, and not resume them, continuing, of course, the oft repeated daily use of salt water. Never force your eyesight to read or work in insufficient or too broad light. Reading with the sun upon one's book is mortally injurious to the eyes.

Children should be taught never to frighten each other. A bright little boy four years of age was, while his parents were out one day, terribly frightened by the elder children of the family wrapping themselves in sheets and entering his presence from an adjoining room and the consequence was shocking. From that hour and ever after the little fellow was insane, and died at the age of seventeen, after living thirteen horrid years in daily and hourly fear of ghosts and hobgoblins. It is most sorrowful to contemplate such a sacrifice just for moment's fun to the thoughtless players. Think of the suffering this child must have endured, which might have been prevented had the children been taught to better respect each other's mental feelings.

Advertisements.

In answering an advertisement found in these columns, our readers will confer on us a favor by stating that they saw the advertisement in the Kansas Farmer.

50 ELEGANT CARDS, 50 styles, with name, 10c. 40 Transparent 10c. Stamps taken. W. Moore, Brooklyn, N. Y. Address H. HALL & Co., Portland, Maine.

\$66 A WEEK in your own town. Terms and \$5 outfit free. Address H. HALL & Co., Portland, Maine.

50 Chromo, Tortoise Shell, Capt. Motto, Floral cards, 10c; outfit 10c. Hall Bros, Northford Ct.

\$77 A Month and expenses guaranteed to Agent. Outfit free. Shaw & Co., Augusta, Maine

\$5 to \$20 per day at home. Samples worth \$5 free. Address STINSON & Co., Portland, Maine.

\$72 A WEEK. \$12 a day at home easily made. Costly Outfit free. P. O. VICKERY, Augusta, Maine.

50 All Gold, Chromo & Lit. Cards, (No 2 Alike), Name on, 10c. Clinton Bros., Clintonville, Conn.

62 Golden Chromo, Crystal, Rose, Diamond, Navy, &c. Name in gold and jet back. Winslow & Co., Meriden Ct.

50 Lovely Floral, motto, hand & bouquet chromo Cards beautiful colors, name 10c. Chas. Kay, New Haven, Ct.

\$777 A YEAR and expenses to agents. Outfit Free. Name in gold and jet back. Winslow & Co., Meriden Ct.

70 ALL NEW STYLE Chromo Cards, No 2 alike, name on, 10c. Clinton Bros. Clintonville, Conn.

Agents Wanted. Sells Rapidly. Particulars free. S. M. SPENCER, 112 Wash'n St., Boston, Mass.

BEATTY'S ORGANS 18 useful stops, 5 sets reads only \$65. Pianos \$125 up. \$27 Illustrated Catalog FREE. Address BEATTY, Book Store, N. J.

102 OCEAN SHELL & CHROMO CARDS, no 2 alike, name on, 10c, 50 for 6c. 40 Gift and Bevel Edge 10c. CLINTON & CO., North Haven Conn.

ST LOUIS LAW SCHOOL. Term opens Oct. 12th. Tuition, \$80 per year. No extras. For circulars address HENRY HITCHCOCK, St. Louis.

AN ELEGANT PRESENT, a gift—Send for Circular. For circulars address HENRY HITCHCOCK, St. Louis.

ELEGANT AUTOGRAPH ALBUM, gilt covers, 48 pages. Illustrated with birds, scrolls, etc. in colors, and Select Quotations. 15c. Agent's outfit for cards (over 60 samples), 10c. Davids & Co., Northford Ct.

BEST WASHER AND WRINGER in the world. Guaranteed to do perfect work or money refunded. Warranted for 2 years. Price of Washer, \$7. Sample to agents, \$5.00. Price of Wringer, \$7.50. Sample, \$4.50. Circulars free. F. F. ADAMS & CO., ERIE PA.

WANTED.—Agents to exhibit our Standard Portraits made from every description of small pictures. Never equalled in finish. Agents orders everywhere. Our great terms forwarded promptly. Write to BRUCE & CO., 85 and 91 Genesee St., Auburn, N. Y.

Agents wanted. \$5 a day made selling our NEW BUREAU AND FAMILY SCALES. Weighs up to 25 lbs. Circulars \$1.50. DOMESTIC SCALE CO., Chicago, Ill.

VASSAR COLLEGE, Poughkeepsie, N. Y. FOR the LIBERAL EDUCATION OF WOMEN. Examinations for entrance, Sept. 15th. Catalogue sent on application to W. L. DEAN, Registrar.

Cheap Newspapers & Magazines. Send 6 cents for catalogue of 3,000 Newspapers and Magazines at Club Rates. Agents Wanted. H. A. KENYON, P. M. DWIGHT, Ill.

70 YOUR NAME in New Type 10c. New styles by best artists. Bouquets, Birds, Gold Chromo, Landscapes, Water Scenes, etc.—50 two alike. Agent's outfit for cards, 10c. Great variety Advertising and Bevel-Edge Cards, 5c. and printers. 100 Samples Fancy Advertising Cards, 5c. Address STEVENS BROS., Box 25, Northford, Ct.

COOK'S TOURS! Established 1841. Tickets and Fares for thousands of Tours for Independent Travelers to all parts of the World. Special arrangements for Excursion Parties to Europe, Egypt and Palestine. Send for circular. Address, THEOS. COOK & SON, 261 Broadway, N. Y. C. A. BARATTONI, Manager. P. O. Box 4197

Chicago Advertisements. COMMISSION DEALERS IN VIELE, ADAMS & CO. LIVE STOCK, CHICAGO, ILL. Special Attention Given to the Purchase of Stock Cattle. WOLFE & WATSON, COMMISSION MERCHANTS, 20 Washington St., CHICAGO, ILL. Highest Market Price Guaranteed.

6000 AGENTS WANTED to sell the Life of President GARFIELD.

Including a full and accurate account of his brief but eventful administration; the great conflict with the "STALWARTS" headed by Conkling; the diabolical attempt to assassinate him, with full particulars of his case, one of the most critical and remarkable on record. The intense interest excited causes thousands to desire full particulars, hence this book must sell immensely. Terms liberal. Order 50c. Agents from. Address: HUBBARD BROS., Pubs., Kansas City, Mo.

AGENTS WANTED IMMEDIATELY FOR LIFE OF GARFIELD

Lowest Price. Containing the scenes and incidents of his boyhood; struggles of his youth from cradle to early manhood; valor as a Soldier; career as a Statesman; election to the Presidency, and the Tragic Story of his Death. Fastest selling history. 700 large pages. Outfit 50 cents. Address JONES BROS & Co., Cincinnati and Chicago.

GARFIELD

Agents wanted for Life of President Garfield. A complete, faithful history from cradle to grave, by the eminent biographer, Col. Conwell. Books all dressed, edited, illustrated volumes. Agents take orders for from 20 to 50 copies daily. Outlets any other book ten to one. Agents never made money so fast. The book sells itself. Experience not necessary. Failure unknown. All make immense profits. Private terms free. GEORGE STINSON & Co., Portland, Maine.

AGENTS WANTED FOR THE FASTEST

The HOUSEHOLD AND FARMERS' CYCLOPEDIA. A household necessity, one that every family needs, a library of itself; to one volume. Agents are meeting with great success, and every Farmer who sees the book wants it. The only Agricultural Cyclopaedia published. Over 1,500 pages. The only Agricultural Cyclopaedia published. Full of facts and figures. Complete for the Household and Farmers. Cyclopaedia published by us both in English and German. Agents territory at once. Address: A. H. BROWN & Co., St. Louis, Mo. Chicago, Ill. Atlanta, Ga.

Revised New Testament.

The Largest and Finest Royal Octavo Large Type Edition, with a Complete History of its Revision. Complete Outfit. 100 Illustrations on Steel and Wood. Address: JONES BROS., Cincinnati and Chicago.

BIG MONEY MADE

BY AGENTS, FARMERS & OTHERS selling our STOVE PIPE SHELF. One cent a day; another \$25 in 1 day, and another \$50 in 5 hours. Territory and circulars free. WRITE AT ONCE. Address: B. H. BROWN & Co., Cincinnati, O., or St. Louis, Mo.

SCANTLIN'S Seamless Evaporator

AND "SOUTHERN" CANE MILL. FIRST CLASS SORGHUM MACHINERY. AT VERY LOW PRICES. Send for Descriptive Price List. THOS. SCANTLIN & SON, EVANSVILLE, IND.

Increased Pension

is due and can be procured in cases rated too low at first; also in cases in which the disability is greater than at the time the pension was allowed, or when the pension was increased and the present regulations the prosecution of these claims does not in the least interfere with the drawing of the present pension. Send for the increased questioning blank.

MILB B. STEVENS & CO., PENSION ATTORNEYS.

Case Building, Cleveland, Ohio. Metropolitan Block, Chicago, Ill. Abstract Building, Detroit, Mich.

ROSES

And other RARE PLANTS we mail \$1. Our Greenhouses (covering 3 acres in Glass) are the largest in America. Peter Henderson & Co., 35 Cortlandt St., New York.

HEAR YE DEAF!

ACCEPT YOUR ONLY HOPE. GARMORE'S ARTIFICIAL EAR DRUMS restore the Hearing, without all others fail, remain in position without aid, and are not obnoxious. Conversation and whispers distinctly heard. In regard to these Ear Drums, send for circular. Address JNO. GARMORE, 8 W. Corner 5th & Race Sts., Cincinnati, O.

THE DINGEE & CONARD CO'S BEAUTIFUL EVER-BLOOMING ROSES

SPLENDID POT PLANTS, specially prepared for House Culture and Winter Bloom. Delivered safely by mail, postpaid, at all post offices. 12 for \$2; 19 for \$3; 26 for \$4; 35 for \$5; 75 for \$10; 100 for \$13. WE GIVE AWAY, in Premiums, and prizes, more ROSES than most other firms and Extras, more NEW GUIDES, a complete Treatise on the Rose, 70 pp., elegantly illustrated—free to all! THE DINGEE & CONARD CO., Rose Growers, West Grove, Chester Co., Pa.

NEW Game FOR HOME

STAR GAME & PATIES. (It is similar to "Authors" but more interesting and pleasant.) Population and general information of all the important cities of U.S. taken from the latest census reports. A game for CHILDREN and YOUNG men and may be played by two or more persons. Game with instructions how to play, in a neat box, sent postpaid for 75c. Circulars free. Write to R. H. BROWN & Co., Plain, Sensible, Reliable.

PRACTICAL ETIQUETTE

Every question that can possibly arise in regard to customs of good society is answered in this book. The best and most practical work ever written. Every Young MAN AND WOMAN should have a copy. "Every paragraph has a grain of goodness." Chicago Times. "So plain, we cannot but give it a prominent place." Judge and proceeds from the sale of this book go to the Chicago. Handsomely bound in cloth and gilt. 80c. postpaid. W. H. BROWN & Co., 256 W. Adams St., Chicago. Agents Wanted.

W. W. MANSPEAKER.

WHOLESALE AND RETAIL GROCER. 227 Kansas Avenue, Topeka, The largest Grocery House in the State. Goods Shipped to any Point.

We buy for Cash; buy in large quantities; own the block we occupy, and have no rents to pay, which enables us to sell goods VERY CHEAP.

The trade of Farmers and Merchants in country and towns west of Topeka is solicited.

The Little Red Hen.

Once a Mouse, a Frog and a little Red Hen Together kept a house;

The work all fell on the little Red Hen, Who had to get the wood

And build the fires and scrub and cook, And sometimes hunt the food.

One day as she went scratching around She found a bag of rye;

'Who'll make a fire to bake the bread?' Said the Mouse again, 'Not I!'

The little Red Hen said never a word, But a roaring fire she made;

'Not I!' said the sleepy Frog, with a yawn, 'Nor I!' said the Mouse again.

'I will!' cried the Frog. 'And I!' squeaked the Mouse.

Kansas in 1882.

Prophecy is not the gift of mortals of this latter day, yet a great deal can be done by reasoning from cause to effect.

Again, in the past year or two the farmers of Kansas have learned a great deal by experience and have been taught, slightly paraphrasing the biblical saying, that Kansas is not made for wheat alone;

In eastern Kansas hemp has come to the front as one of the most important products in the past few years;

In the southwest, and for that matter generally throughout Kansas, the sheep industry—in fact stock interests generally—shows a remarkable development;

If the state be taken as a whole, it will be found that many new enterprises are springing up everywhere, capital is seeking investment wherever there is the slightest show for profitable returns;

To Measure Wheat in a Bin.

A quantity of wheat in a bin may be easily measured in bushels as follows: Level the surface of the wheat, measure the depth in inches; and the length and breadth of the bin also in inches; multiply these together and divide by 2,150, which is the number of cubic inches in a struck bushel.

A Miserable Little Woman.

A lady writes: "Looking back to the time when I commenced using your Compound Oxygen, I can scarcely believe myself to be the miserable little woman I was."

THE STRAY LIST.

HOW TO POST A STRAY.

BY AN ACT of the Legislature, approved Feb 27, 1866, section 1, when the appraisal value of a stray or strays exceeds \$100, the County Clerk is required, within ten days after receiving a certified description and appraisal, to forward by mail, notice containing a complete description of said strays, the day on which they were taken up, their appraisal value, and the name and residence of the taker up, to the KANSAS FARMER, together with the sum of fifty cents for each animal contained in said notice."

How to post a Stray, the fees fines and penalties for not posting.

Broken animals can be taken up at any time in the year. Unbroken animals can only be taken up between the 1st day of November and the 1st day of April, except when found in the lawful enclosure of the taker-up.

No persons, except citizens and householders, can take up a stray.

If an animal liable to be taken, shall come upon the premises of any person, and he fails for ten days, after being notified in writing of the fact, any other citizen and householder may take up the same.

If a stray is not proven up at the expiration of ten days, the taker-up shall go before any Justice of the Peace of the township, and file an affidavit stating that such stray was taken up on his premises, and that he has advertised it for ten days, that the marks and brands have not been altered, and he shall give a full description and the name of the taker up. He shall also give a bond to the state of double the value of such stray.

The Justice of the Peace shall within twenty days from the time such stray was taken up, (ten days after posting) make out and return to the County Clerk, a certified copy of the due return and value of such stray.

If such stray shall be valued at more than ten dollars, it shall be advertised in the KANSAS FARMER in three successive numbers.

The owner of any stray, may within twelve months from the time of taking up, prove the same by evidence before any Justice of the Peace of the county, having first notified the taker up of the time when, and the Justice before whom proof will be offered. The stray shall be delivered to the owner, on the order of the Justice, and upon the payment of all charges and costs.

If the owner of a stray fails to prove ownership within twelve months after the time of taking, a complete title shall vest in the taker up.

At the end of a year after a stray is taken up, the Justice of the Peace shall issue a summons to the householder to appear and appraise such stray, summons to be served by the taker up; said appraiser, or two of them shall in all respects describe and truly value said stray, and make a sworn return of the same to the Justice.

They shall also determine the cost of keeping, and the benefits the taker up may have had, and report the same on their appraisal.

In all cases where the title vests in the taker up, he shall pay into the County Treasury, deducting all costs of taking up, posting and taking care of, one-half of the remainder of the value of such stray.

Any person who shall sell or dispose of a stray, or take the same out of the state before the title shall have vested in him shall be guilty of a misdemeanor, and shall forfeit double the value of such stray and be subject to a fine of twenty dollars.

Strays for the week ending October 10.

Douglas county—N. O. Stevens, clerk. HORSE—Taken up on the 11th day of September 1881 by Wm Roberts in Wakarusa township one dark brown mare 2 years old, right hind foot white, valued at \$75.

Reno county—W. B. Marshall, clerk. HORSE—Taken up on the 11th day of October 1881 by Cleburn Mahoney in Hayes township one bay horse, four years old, white mane and tail, valued at \$40.

MARE—Also by the same at the same time and place one roan mare 3 years old, ho marks, valued at \$30.

Strays for the week ending October 12.

Bourbon county—L. B. Welch, clerk. MULE—Taken up by D O Galloway in Mill Creek township Sept 19 1881 one dark horse mule supposed to be the mule lost in 1881, about 13 hands high, branded with letter H on the right shoulder, valued at \$50.

PONY—Taken up by G W Paschall of Mill Creek township on the 20th day of September 1881 one roan horse pony two years old, branded with H on down on right and left fore white feet, shod in front, tail braided, back soe from saddle, about 13 1/2 hands high, valued at \$20.

Crawford county—A. S. Johnson, clerk. PONY—Taken up by William Richards of Sherman township July 25 1881 one sorrel mare pony with the letter T branded on the left shoulder, 10 or 12 years old, and valued at \$20.

PONY—Also by the same at the same time and place one roan mare pony, black mane and tail, four years old, valued at \$15.

PONY—Also by the same at the same time and place one horse pony four years old, light mane and tail, valued at \$15.

PONY—Also by the same at the same time and place one horse pony four years old, white spot on nose, and valued at \$15.

HEIFER—Taken up by Emery Sargent of Washington township on September 1881 one roan heifer three years old, left ear off, valued at \$20.

A. Briscoe, successor to Anderson & Jones, Holden, Mo., keeps a complete list of Kansas and Missouri. No money required for information until stock is identified. Correspondence with all losers of stock solicited.

\$10 REWARD. (STRAYED.)

On or about April 20th, from my residence three miles east of Dover, Shawnee Co., Kansas, one light bay mare pony five years old with black mane and tail, one white hind foot and is of a roan color about the flanks; also a bright bay horse colt one year old. He has a mealy nose, also a curl on the side of each front knee.

Strayed or Stolen.

On or about August 14th, 1881, from my residence on Dow Creek, ten miles north of Emporia, two mares of the following description: one large bay mare, branded J M on shoulder about nine years old; also one large brown mare blind in the left eye; no brands. Any one returning them or giving information that will lead to their recovery will be suitably rewarded by the owner.

STARTLING DISCOVERY! LOST MANHOOD RESTORED.

A victim of youthful indiscretion cured of Premature Decay, Nervous Debility, Lost Manhood, etc., having tried in vain every known remedy, has discovered a simple safe cure, which he will send FREE to his fellow-sufferers, address J. H. BEEVEES, 43 Chatham St., N. Y.

HOPE FOR THE DEAF

Dr. Peck's Artificial Ear Drums PERFECTLY RESTORE THE HEARING and perform the work of the natural Drum. Always in position, but invisible to others. No operation and even whispers heard distinctly. We refer to those who have been cured. Send descriptive circular with testimonials. Address, H. F. K. PECK & CO., 555 Broadway, New York.

NOYES' HAYING TOOLS

For Stacking Out in Fields or Mowing a Way in Barns. Hundreds are now in use. Save labor and money. Are simple, durable and cost but little. No trouble in getting them over high beams or about the ends of the hay racks. Send for circular and designs for tracking barns to U. S. Wind Engine & Pump Co., Haverhill, Ia.

Send for our New Illustrated Price-List No. 30, for Fall and Winter of 1881. Free to any address. Contains full description of all kinds of goods for personal and family use. We deal directly with the consumer, and sell all goods in any quantity at wholesale prices. You can buy better and cheaper than at home.

MONTGOMERY WARD & CO. 227 and 229 Wabash Avenue, Chicago, Ill.

NONPAREIL FARM & FEED MILLS

The Cheapest and Best. Will Crush and Grind Any thing. Illustrated Catalogue FREE. Address L. J. MILLER, Cincinnati, O.

GUNS

Lowest prices ever known on Revolvers, Pistols, & Shot-Guns. OUR \$15 SHOT-GUN. Address R. POWELL & SON, 238 Main Street, CINCINNATI, O.

USE NONE BUT THE BEST THE GREAT FAMILY SOAP MAKER SAPONIFIER

THE ORIGINAL CONCENTRATED LYE SOLD BY ALL GROCERS PENNA, SALT, MFG. CO, PHILA.

PENNOCK'S PATENT ROAD MACHINE.

KEEPS THE WHEELWAYS IN THE BEST ORDER FOR HALF THE PRESENT COST. CITY OF CLEVELAND HAS 100. SENT ON TRIAL TO 500 SQUARE MACHINES. H. P. K. PECK & CO., 555 Broadway, New York.

ASTHMA Quickly and Permanently CURED

Dr. Stinson's Asthma Remedy is unequalled as a positive Alternative and Cure for Asthma and Dyspepsia, and all their attendant evils. It does not merely afford temporary relief, but is a permanent cure.

DR. HENDERSON,

A regular graduate in medicine. Over 15 years' practice. 121 West 8th St., KANSAS CITY, MO. 12th Oct 1881.

DR. BUTTS' DISPENSARY

Treat all Chronic Diseases, and enjoy a national reputation through the curing of complicated cases. INDISCRETION OR EXPOSURE Produces a disease of the blood, skin or bones, treated with success, without use of Mercury or Poisonous Medicines.

PARKER'S GINGER TONIC

Ginger, Buchu, Mandrake, Stillingia, and many of the best medicines, known are combined in Parker's Ginger Tonic, into a medicine of such varied powers, as to make it the greatest blood purifier and the Best Health Strengthening Restorer Ever Used.

Parker's Hair Balsam.

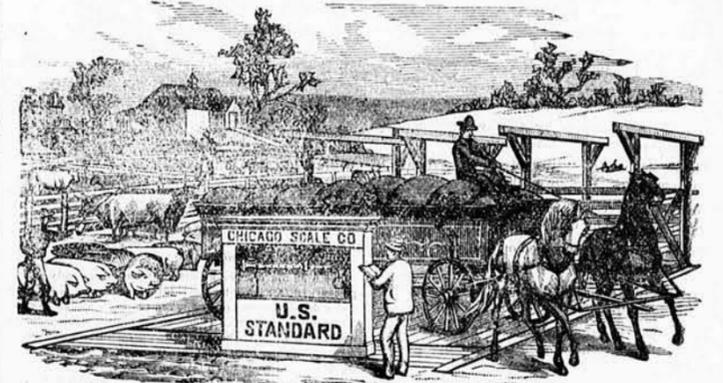
The Best, Cleanest, and Most Economical. It never fails to restore the never-intoxicating, Hicore youthful color to gray hair. 50c. and \$1 size. Large Saving Buying Dollar Size.

ON TRIAL! THREE MONTHS FOR 25 CTS. THE INTER OCEAN.

To enable new subscribers to thoroughly test the value of THE WEEKLY INTER OCEAN, the proprietors offer it 3 MONTHS, POSTAGE PAID, FOR 25 CENTS. This paper has now the largest circulation of any publication west of New York.

SOMETHING NEW! BETTER THAN WALL PAPER. MORE DURABLE THAN EITHER. Marble-Slated Enamel Bla'kboard. WARRANTED Not to Split, Crack, Scale, or Warp, in Ten Years. WESTERN SCHOOL SUPPLY AGENCY, Topeka, Kansas. Sole Agent.

U. S. STANDARD SCALES. CHICAGO SCALE CO., 147, 149 & 151 S. Jefferson St., Chicago, Ill.



2 Ton Scale. Platform 6x12, \$40; 3 Ton, 7x13, \$50; 4 TON (8x14) \$60; 5 TON (8x14) \$75; 6 TON (8x16) \$90; 6 TON (8x20) \$100; 6 TON (8x22) \$110; all other sizes in proportion. Beam Box, Brass Beam, Iron Levers, Steel Bearings, and full directions for setting up. Platform and Counter Scales, Trucks, Money Drawer, &c., &c. THE "LITTLE DETECTIVE" Weighs from 1-4 oz. to 25 lbs., price \$3.00, a perfect Scale for Offices, Families and Stores, sold by Dealers everywhere.

FROM W. HALLOCK, SON & THORPE, QUEENS, N. Y. Post Office Queens, N. Y. State

THE WHITE SKIN. It has the green sulphur... WARRANTED FOR FIVE YEARS.

NICHOLS, SHEPARD & CO Battle Creek, Michigan, MANUFACTURERS OF THE ONLY GENUINE VIBRATOR

THRESHERS, Traction and Plain Engines and Horse-Powers. Most Complete Thresher Factory; Established in 1848.

32 YEARS of continuous and successful business, without change of name, management, or location. "Back up" the broad warranty given on all our goods.

STREAM-POWER SEPARATORS and Complete Steam Outfits of various qualities. Best Traction Engines and Plain Engines ever seen in the American market.

7,500,000 Feet of Selected Lumber constantly on hand, from which is built the incomparable wood-work of our machinery.

TRACTION ENGINES Strongest, most durable, and efficient ever made. 8, 10, 13 Horse Power.

Farmers and Threshermen are invited to investigate this new Threshing Machinery. Circulars sent free. Address: NICHOLS, SHEPARD & CO. Battle Creek, Michigan.

AMERICUS CIDER MILL. WHITMAN'S PATENT.

The best Cider and Wine Mill made. It will make Twenty per cent. more Cider than any other. Perfectly Adjustable. THREE SIZES. Geared outside. Large Mills made for two cranks. Prices as low as any first-class mills. Manufacturers of Corn Shellers, Corn and Cobb Mills, Hay Cutters, Scrapers, &c.

Circulars giving full description sent free. WHITMAN AGRICULTURAL CO., ST. LOUIS, MO. U. S. A.

HOW TO MAKE THE FARM PAY! FOUR SPLENDID STORIES. All Complete, None Continued. PH. ADELPHI Market Reports. Prof. THOS. MEEHAN, Agricultural Editor. Detective Sketches. Mose Skinner's Humorous Letters.

LADIES' DEPARTMENT AND YOUTH'S COLUMNS Most Complete and Decidedly the Best Ever Published.

Our Agricultural Matter is all original, and is considered the best to be found in any weekly in the country. Home-ide subscription List over 25,000. Old-established, well-known, and perfectly reliable.

TRIBUNE and FARMER EVERY WEEK FOR 2 MONTHS ON TRIAL FREE

A large weekly paper, absolutely free for TWO months, to any one who will send us their address, together with 10-CENTS for postage on a supplement, papers, and 2 cents for splendid premiums. THE TRIBUNE and FARMER, at \$2.50 per year, is worth more than any other weekly published in the West. Address: NICHOLS, SHEPARD & CO. Battle Creek, Michigan.

