### Correspondence.

### Wheat Sowing Again.

To the Editor of the Kansas Farmer: me readers of the Kansas Farmer have asked ne for an explanation of my views as set forth in an article appearing in that paper December 6th. I am saked how I expect to get a crop of wheat when seeding y ith only a peck of seed to the acre. It I should e same question and apply it to the corn field, Ad be easily answered; and yet very few farm-pect to get less than 50 bushels of corn per acre, ers a pect to get less than so business of corn per acte, though they plant only six to eight quarts. The an-swer would come back that the corn will increase soo to 400-fold throughout the field. And then we plant corn in the time of year when it will escape the freezing and thawing which is so destructive to the wheat crop. And then the manner in which our corn is planted; the soil is firmly pressed on the seed and all the good seed will grow; and we only plant the number of kernels that we want stalks to stand, and as a rule we are not disappointed. Now, if this is true of the corn crop, which very few will deny, it is equally true of the wheat crop, and a little more from the fact that wheat will increase a greater fold than corn if properly put in the ground. A stool of wheat having room to develop will have from 15 to 30 stalks and as many heads, and those heads from 20 to 60 kernels each. Now, we will supse that 10 stalks is an average stool of wheat and hat 30 kernels is an average head of wheat; (both of hich are too low to be entertained, except for an lustration). We have an increase of 300 fold. You will see that one peck, and that half thrown away will yield 371% bushels. But, you say that looks well enough on paper; it won't pan out in practice. I will admit that it does not yield in this ratio, and assert that, as a rule, there is but one reason, and that is, the manner in which the wheat is sown. I bewe that nature has so provided that wheat wil erminate as pertectly in the fall as corn will in the pring. If this be true (and we have yet to hear it disputed,) then there is but the one cause for the allures so common to wheat crops and the unnecesary expenditure of seeding. My practice for the past four years, as given in the KANSAS FARMER, has proven a perfect success, so far as growing the plants in the fall and protecting it through the winter and carly spring is concerned. I have, however, sown too much seed per acre, commencing at 1½ bushels per acre and reducing the quantity each year until this, when I sowed a field of 63 acres with less than 31 pounds per acre, and in seeding a piece of 85 acres used but a little more than one third of a bushel per acre, and yet all of my wheat is too thick. The explanation is substantially as given in the FARMER. The wheel following in the track of the drill hoe with a pressure of about 80 pounds each, makes a positive track and furrow, the bottom of which affords a surface for the wheat plant to form in. The ots of the plant must of necessity be forced to grow into the banks and under the ridges formed by the ode of making the furrow, the heart of the plant always forming near the surface of the soil, no plant always forming near the surface of the sou, no matter how deep or shallow the seed is sown, all of which places the plants in a position of almost abso-lute safety. The freezing and thawing so destructive to wheat only serves to level down the ridges and

place the moving soil in and upon the wheat roots ting them from frost and drouth.

### A Word About the Fairs.

To the Editor of the Kansas Farmer:

This may seem like an odd time to write about fairs; but then it is not a very great while until they will come together (I mean the stockholders) in their nual meeting, and I think it is the time for us to lay in our complaints if we have any, or to make estions for the consideration of the managers of our agricultural societies. Now I have no direct complaint to make, neither have I any suggestions to make that are of vital importance. I will say in the outset that I have never had any experience in the management of fairs and know very little of the difficulties of getting up a successful fair, but I am an old attendant—have been an exhibitor many years before I came to Kansas and have attended one or more of the leading fairs of Southeast Kansas ever since I have been a citizen of the State. I never attend a fair but what I hear more or less complaint of the management, some deservedly and some oth-The complaints are generally made in the absence of any one connected with the fair, which is not exactly right, for the fair is ours; we are all in-terested in it. Now among the exhibitors of cattle, hogs and sheep there is a deal of grumbling. How it is among the horsemen, I cannot say. I will take the Neosho Falls fair to begin with. As to the officers, no one can have any objection, for a more gen tlemanly and accommodating set of men are hard to find. But then the Directors or stockholders, I don't thow which, are teo negligent of the accommoda n of the stock. A few of the horses seem to be well cared for, have good box-stalls conveniently lo cated to water and hay. To this I have no objection. I don't think they are any too good; but then there is not half enough, as is witnessed by the number of horses on exhibition which are tied to wagons, the fence or rope stretched from one tree to another. But I am answered, that the stalls are not all full. I know that, but it is because they are very little better than standing out. The most of the stalls are just open sheds without troughs or mangers, and you are charged a dollar for their use, and men the out rather than pay so much for so little. And the cattle men have the same way of thinking. And then, when we come to the hog pens, how do we find m?' As to number and capacity, they are ample, but they are without roof or floors, and they should be floored by all means, if not roofed; for who wants to take a really fine hog to the fair and put him in a pen that the hog will have stirred up to the depth of eight to ten inches in less than 24 hours? And if cane ground we would then save time and ere comes a rain during the fair, he will have a corresponding depth of mud to wallow in the rest of corresponding depth of mut to wait in the second the time. Said hog has been used to good dry lots and beds at home, besides the hogs are not in a condition for exhibition. Their owners ditto, for they are mad. The sheep pens are in the same condition,



PROPERTY OF H. W. GOVE & CO., WASHINGTON, TAZEWELL CO., ILLINOIS.

but they do not need floors if there is plenty of litter but they should have roofs over them at least. Who wants to take a sheep that cost him \$50 to \$150, and that never was allowed to run out in the rain enough to wet the outside of his fleece, and put him in a pen to stand and take a hard, soaking rain, perhaps all night, and that just the night before the committees are to pass on them? Here ,again, you find a lot of stock unfit for exhibition. Then the poultry is almost entirely overlooked; a little one dollar (per trio) premium offered and no place prepared for their ex hibition. You have got to put your coops on the ground, or improvise a bench yourself. The grounds naturally, are all that could be desired. I never say petter. The water supply is abundant; feed is furnished without stint; the premiums are paid prompt

ly as per advertisement, etc., etc. We go to Ft. Scott, and find the horse stalls about the same, cattle stalls scarce, hog and sheep penswell, such a poor excuse for pens I never did see. I met men there with hogs who had come from a distance of 50 miles or upwards, and had sent in their orders for pens several days before, and when they got there they had to make their own pens. You may imagine they were out of sorts and were open in their declarations to never attend the fair again, unless assured of better accommodations. heep men fared no better, except they could turn their sheep out and herd them, though some went to work and fixed up pens in which they could keep their stock. The poultry was stuck away in a big tent used for a dining hall, and but few saw them. I frequently heard the remark, "There ain't any poultry here." Now, this is poor encouragement for ex

I don't know as I can give any suggestions, but will say this: Take the money paid for extra attractions, such as chariot, bicycle and foot races, balloon ascensions, tight rope performances, and offer it as grand sweepstakes premium for herds of cattle, sheep or hogs, and see if you don't add a feature to your fairs that will draw, and do away with those diplomas which no one cares a cent for, and give us instead a second premium—some good agricultural or stock journal will do. And I would sugges to the Neosho Falls fair management that they sub stitute the Kansas FARMER, our State paper, for the American Agriculturist.

### Listing Corn.

Upon our request for reports from farmers who used the lister in planting we have several responses

which we give below. Wilson Keys, Rice County, says: Seeing repeated inquiries about the lister, I give my experience, having used one two years and expect to use them many more. Cannot say that it will prove a success with everyone on all kinds of soil in all seasons; but on sandy land that is not underlaid with hardpan to hold water in a cold, wet spring like last, it is a grand success. From my observa tions last spring it did not work so well on hardpar land, although in a dryer, warmer season it will work much better on such land, and by taking off the subsoiler and planter and listing the ground during late fall and winter as though you intended to plant giving the frost a chance to penetrate deep, then when planting time comes, split the ridges with your lister and throw the earth back into the furrow, you destroy a large portion of weed seed that have sprouted, leaving no hard ridge to cultivate, and giving more loose soil to absorb and retain moisture. This theory was fairly demonstrated last spring by those planting corn and ed and planted again. The difference between the cultivation and destruction of weeds was very cane ground we would then save time and labor over plowing, harrowing and planting in the old way with good assurance of a better yield.

D. W. Kingsley, Montgomery County, says: Last year I planted one field on the same plan simply farrowed out with my cultivator

in the spring and plowed with a one-horse corn drill. I then put the two middle shovels on and run them as deep as the team could draw it and then followed up with the pulyerizer cultivator and suc eeded very well. But this year I planted the same field in the same way and the wet weather hindered me from tending as I should and the crop was a fail ure. I have not used a listing plow, but have seen the working of it and find that it is the poorest corn in all my travels this season. A man of my acquaint ance planted all his corn and caster beans with a listing plow and his beans were a total failure. The corn may yield ten bushels per acre. The plow costs about one-fourth as much as the Chicago screw pulverizer and all its combinations, and the rapidity with which a crop can be put in, and the thorough work that it does makes it a much better machine than the listing plow, and generally better than any other plow. I proved to some, during the dry wea ther last summer, that they could not afford to board a man and team to plow.

Charles E Allen, Riley County, says:

In 1881 I listed some of my corn, planted the bal-ance with a two-horse planter after plowing and harrowing the ground, but was a bad year for corn My listed corn was fair, but the planted corn not worth gathering. In the fall and winter of 1881-2 I plowed all my corn ground that I had time; experimented by plowing a strip and leaving a strip a few feet wide unplowed. I also plowed some and hen listed the ground next day. I could see a vast difference in the corn all the season. When I plowed n the fall the corn grew faster from the start. nusked the corn and weighed it from the field this fall and the ground I plowed in early fall and winter gave me from twelve to fourteen bushels of corn per acre more than the ground not plowed or the ground plowed the day before planting. I tested this thoroughly in two fields, leaving strips unplowed all through the fields. My manner of listing is this: Soon after the corn is listed as possible, I go over the "ridges" lengthways with a "smoother made by cutting off my corn marker the right length to smooth two 'ridges,' hitch my wagon-tongue to it, drive the team on the "ridges," let the driver ride the crusher and it smoothes the ground, mashes the lumps and scatters the dirt in the furrows to cov er all weeds left on the sides. Soon as the weeds are sprouted again put the harrow on lengthways the rows, harrow it well. By this time the corn is up four or live inches high. Now take a board 14 feel long and eight inches wide; cut in two in the middle and nail together at right-angles; slant one end and fasten to the cultivator tongue as near the neckyoke as possible by a small rope; let it drag in the furrows between the cultivator plows far enough forward so the dirt will not roll in front of it; turn the plows so that the dirt will fall on the "box" or "trough. the time it is pulled out of the way the dirt is so fine it will do no harm by falling on the corn. After which so through and bury all the weeds and "lay the corn by." I can raise more corn to the acre, and raise it for about one-half the cost with the listing plan, than I can by plowing in the spring and plant ing with planter. I used the Hapgood combined lister and drill:

### The Best of Them

We have a number of good letters on various subjects; but as we cannot find room for all of them we resent such extracts from them as will give the most interesting thought.

A PLUCKY YOUNG MAN.

Ten or twelve years ago William Nelson came this part of Kansas from Illinois. He was only a young man in his teens, and without any capital. Now he has a farm of 80 acres; he has an orchard 1,400 apple trees and 150 peach trees, all of first class varieties, many of them bore fruit this year. He also has many small fruits, and a large and well furnished house. Mr. Nelson is also the leading sorghum of sorghum. The cane cost him about eight deliars

an acre delivered at the mill, He made 935 galons o syrup, and he harvested and threshed 175 bushels o He has a first-class syrup evaperator and furnace for burning bagasse to heat it with. He made about 70 gallons a day on an average, at a cost of ten cents per gallon. The seed costs 12 cents per bushel to harvest. He also made several hundred gallons of syrup for the neighbors, at 22 cents per gallon. So much for a plucky young man in Kansas. H. B. WILLIAMS.

### A GOOD COUNTY.

I think Brown county is one of the banner coun ties of Kansas. It is a bad place for men with small capital because land is so high. It is from \$20. to \$100, an acre, and most every foot of it is fenced up Stock raising is played out entirely. Crops of all description are very good this year. Very few are through husking corn yet. I want to know through the FARMER which of the western counties has government land that is well adapted for stock raising I would like to have about a section in one body. I do not care if the land is rough, if there is water and D. N. JONES.

FROM ATCHISON COUNTY. Our corn crop is much better than we expected and the most of it is gathered and is the best crop we have had for some years; is selling from 35 to 40 cents per bushel. Not so many hogs for the fall and wit-ter market; young hogs increasing in number raid-ly; not quite as many cattle feeding as usual:Presume the price of corn is the reason; wheat gaierally threshed and much of it is being held of a rise in the market. Wheat prospect for coming season very good; not quite the area sown as usual. The oat crop was very good also flax, me latter is an important crop in this county. We feed the straw to our cattle, and have for years and find it very heal-thy and nutritious. The mly thing is, at first to be fed to cows with care, as not to produce abortion. It is of a laxative nature, but properly introduced, there is no danger even to cows. I see a correspondent recommends froculation for chicken cholera. have found the following to be a specific for it: Nail or fasten a piece of black walnut bark in the bottom of the vessel where you have their drinking water and get a coupe of pounds of cumfry root; take abou one half pint of the roots, boil in sufficient water make up ther feed with boiled roots; do so for thre days and the disease will soon disappear. Watch, and if yousee cholera, use it again and chickens will become healthy. After losing several flocks of chickens turkeys and peafowls, by the above practice the cholera has become eradicated from my fowls. Be careful about getting flowls from other flocks if you may introduce the disease again among your swn.

A STOCK GROWING REGION.

As I have perambulated this State to some exten sinte last September and have met many enquiring ones, have answered a multiplicity of interrogatorie ity. I wish to say through the medium of your relia ble paper, that there is no question nor the least risk in going directly to Western Kansas with stock to soin money. It is the best adapted region on this coatinent, from this one simple fact; stock ranges the whole year, as a general thing, and secondly, the nutritious buffalo grass is all that is required to put them up to a beef standard; and last but not least the little attention required to hold them! The range ext to be considered, is just all you wish Kansas is fast filling up with cattle. Men with means of from five hundred up to ten thousand dollars, and even more, are to be found doubling their investment and fast replenishing their exchequer!

Now, gentle reader, this is not gammon moon shine, but the truth without husk or chaff and the sooner you leave your pent up location of the East the better it will be for your finances. I have spo ken of Western Kansas, not pointing out any particular locality. I would say from Ellis county west, to the Colorado line, north and south of the U. P. rail-

This fall I drew some Early Amber up to one of my neighbor's, Richard Floire, who has had a good

many years experience in making molasses, and I brought home some of the fluest syrup that I ever saw. He used a horrizontal mill, with corrugated rollers that press the cane very dry, the bagasse being used for fuel most of the fall. From the mill the ce runs into a box, or rather five boxes, with red clay in the bottom, falling from one to the other as it asses along; from them it runs into barrels, settling in one, while he draws out of another. His pan is home-made of gaivinized iron, about three feet wide and perhaps fifteen teet long; through the center, lengthwise, is a division board, also cross boards, so that the left side has two apartments and the right three. From the barrels a trough leads over to the upper left hand box; there the juice is heated up, en it passes over to the right side, through three divisions to the furnace door; there it passes into the left-hand side and finishing box and runs into a cooler near the back end of the box. Every morning he changes the clay in the boxes and cleans up generally, taking an hour or more. He thinks cane should be cut as soon as stripped, and piled and covered if not used as soon as cut. I saw him last on the 13th of November, and he told me that he had made 2,500 gallons, mostly for himself, and had sold it all out, and could have sold many more barrels if he had hal it, most of it at home. It is almost needless to say that he expects to go into the business on a larger scale than ever next year,

FAOM RENO COUNTY. Whe it and rye were late about getting in the round but now looks well, and there is a fair acreage sown. Stock of all kinds is healthy and doing well. We have the largest yield of corn in southwest R:no county ever had since its settlement.
There is a great deal or immigration to this part of the Stare and more said to be coming in the spring. Several men have bought five to ten sections of land recently for cattle ranches.

Thomas J. Anderson, one of the first settlers in Plevna township, and a large farmer, intends to fence a pasture six miles long by three miles wide, reaching a little into Stafford county. He will wint 600 cattle this winter. He has a large tract on the North Niunescah bottom which he keeps mowing grass and winter pasturing. It adjoins the tract which he intends to fence.

### State Farmers' Alliance.

HEADQUARTERS OF STATE FARMERS' ALLIANCE, TOPEKA, KAS., December 8, 1882.

In accordance to resolution passed at the last annual meeting of the State Alliance, there will be a delegate convention of farmers held in the city of Popeka, on Wednesday, January 10th, 1883, at 3 p.m., under the auspices of the State Farmers' Alliance.

Each Alliance, Grange and Farmers' organization throughout the state will be entitled to one delegate. The Secretary of each organization will please for-ward to the Secretary of the State Alliance at as early day as possible the name of their delegate.

The object of this convention is to influence legislation protecting the farmers from monopoly and

railroad oppression.

The exorbitant tariff for moving to market the crops of 1882, might be said to be "the straw that broke the camel's back," and the late election seems to indicate that "the callel" wishes a hange of mas-

tots.

Who does that there will be a full representation of the whole state, and that each delegate will come to Topeka with an eye single to the best interests of his constituents.

The Secretary will try and secure reduced rates of fare for all delegates attending this convention. J. L. HART, President, L. A. MULHOLLAND, Secretary.

THEMARKETS.

### By Telegraph, December 18.

### Chicago.

The Drovers' Journal reports; CATTLE Receipts, 5,000. Market steady. Export steers 6 00a6 10; good to choice shipping 5 10a5 90 mmon to fair, 3 95a4 85; butchers, common to fair 2 35a4 25; good, 3 49a4 40; stockers and feeders, 2 90a

HOGS, Receipts, 28,000, Market stronger Common to good mixed packing 5 50a6 15;1 heavy packing and shipping, 6 10a6 60; light, 5 60a6 35. SHEEP. Receipts 2,000. Market steady. mon to fair, 3 00a3 50; medium to good, 3 75a4 00.

hoice to extra, 4 50a5 40.
WHEAT Winter, Jan. 92c; Feb. 93c. CORN Jan. 495%c; Feb. 491/2c.

### Kansas City.

Price Current Reports.
WHEAT Receipts, 25,590 bushels; withdrawn, 32,-By the burning of State Line elevator, Saturday evening, 21,728 bushels were lost. Call board: No. 4, cash, 60c; No. 3, 70c bid; No. 2, 771/4c; No. 1, 84c bid.

CORN Receipts in elevators 47,211 bushels; withdrawn, 54,305; in store, 361,979, including 24,970 bushels burned. Call board: No. 2, 371/4; No. 2, white mixed, 38.

OATS 35-Market dull.

CATTLE Shipping and butcher steers, 2 60a4 85;

tockers and feeders unchanged.

HOGS Heavy, 5 90a6 00; mixed, 5 75a5 80; light, SHEEP 2 25a3 65,

APPLES 40a50c bush. BUTTER We quote packed: Genuine creamery...... ...25a27 Medium ..... ..12a15 Cooking......Roll butter choice..... ..20a23

SYRUP FROM SORGHUM CANE. Roll butter fair..... Roll butter common ......

### Che Stock Anterest.

About Grinding and Cooking Feed for Stock.

If we never fed anything but green grass to animals, no question would arise as to the propriety of cutting it in short piecs or of cooking it before feeding, and for the simple reason that such feed is in its best possible condition for use in all the stages of eating, digesting, and entering into the composition of animal substances. It is soft and watery, readily yielding all its properties. But dry it, and most of the conditions change. It requires more time to eat hay than it does to eat grass, and water must be supplied from other sources It cannot be so thoroughly masticated, and therefore its nutritive properties cannot be so readily assimilated by the animal functions And this philosophy is more perceptible with some plants than with others. Take a stalk of green rye. It is very tender, and every part of it is fresh and juicy. It can be rubbed into pulp between one's fingers. Let it mature, and the stalk becomes dry and hard and the seed almost stony.

The taking of food is to sustain life and growth. Its office is to supply animal structure with necessary elements; and all the machinery of eating and digestion is used for the purpose of extracting those elements and assimilating them in bodies of animals. This we all understand. It must, therefore, be equally true that unless we get out of the food all there is in it that is useful in making animal tissue, some of it is wasted-lost. It follows then that it there is any method better than another of preparing food which will insure greater certainty in putting its elements into the bodies of animals, that better method ought to be adopted.

Mastication is necessary in all animals that require speedy assimilation of food. Mastication is nothing but breaking, grinding if you and decidedly fattening in character. The please, the rough hard food to prepare it for digestion. Put whole grain into the stomachs of most animals, and it would be ejected digestible. When cooked, the starch in them whole; but if it is first ground, chewed, masticated, it makes flesh instead of dung. If the whole grain was digested farmers would not keep a drove of hogs in their cattle-feeding kinds of food for swine; but when cooked they yards to pick up the droppings of whole corn. Fowls eat and digest whole grain, but they are supplied with organs unlike those of quadru-

A mature animal will fatten faster if confined to a small space because there is less waste than if it were permitted to run at large quarts and gained 36 pounds. No. 2 was fed and thus use much of its food in supplying power for this useless exertion. The gist of it all is, that the most nutriment possible ought to be taken from the feed and put into the animal's body. Nature teaches us the best method. The food must be ground first, or i's elements must be made assimilable by cooking. The animal can and will do this for itself if it is not hurried; but men who are raising stock for profit are disposed to save all they can and make the most of it by doing themselves as much as possible to help the animal along with its work of growing and fattening, because there is money in it.

A beef bone is not always an attractive morsel for dinner; but when a skillful housewife presents her rich soup the bone is forgotten in the cheerful repast-and because the woman took from the bone all the good there was in it and made a meal out of it. Just so it is with food for work, by grinding it or cooking, we get it into the best form for use in building animal structure. Corn meal is much hore est needed are more readily utilized

As to percentage saved, that depends on circumstances. If one has hogs to follow the cattle, and if corn is not worth more than thirty cents, and the feeding must be done out-ofdoors, etc., etc., then whole corn may be fed with little loss; but if the price of corn is 40 cents or more, even without any other closely relating circumstances, as water, shelter health, etc., it pays to grind even corn. Under any circumstances, oats and rye ought to be ground. Taking things as they are on a general average we believe 15 to 25 per cent. of nutriment is saved by grinding or cooking the feed. An experienced feeder of Illinois grinds corn for cattle only when the price of it is above 40 cents, and for horses, sheep and hogs, when it is above 60 cents. But he fed in the fashion of the West-with hogs following cattle. Corn and oats or barley ground together in equal parts is the best feed for young and growing cattle. In stall-feeding at least 25 per cent, is saved by grinding the grain fed, and ground rve, mixed with cut straw, and wet, is first-class feed for horses.

As to the value of cooked food, we have a few figures taken from the Epitomist, given by as many different breeders, as follows:

"I find if I take ten bushels of meal and wet it in cold water and feed twenty-five hogs with it, they eat it well; but if I take the same and cook it, it will take the same number of hogs twice as long to eat it up, and I think they fatten twice as fast in the same length of time.'

of meal well boiled, and fed cold, made 831 will not yield as much butter as if they at

pork, while a bushel of cooked meal makes hay than they will on corn and clover hay; seventeen and a half pounds."

timothy hay, millet, carrots and feeding with sheep will have better wool if fed some grain flesh per week. After steaming, I put on three starch and sugar. So, it appears that in de-

pounds per week, and the stock ate the food cleaner, and I noticed they laid down quietly after feeding."

"I have a steam box in the basement of the barn, holding 400 bushels. I put two pounds of pea meal on a bushel of hay, and have fed from sixty to eighty cows. Milked daily fifty of them, and out of the lot have sold twelve of the oldest, atter milking them every day, to the butchers. I think I have saved \$10 per head, non-rummants. The ruminants have no front on keeping-say \$600 on the stock fed, besides having the milk cows in much better condition grass-eaters, and all coarse food they eat is than ever before in April."

"I have demonstrated to my own satisfaction, with the use of the Prindle steamer and careful weighing, that while five bushels of will produce milk enough to raise the young, boiled mush will make 84 pounds of pork, three bushels of meal and five bushels of potatoes will make 721 pounds of pork."

"I conducted an agricultural school and experimetal farm for eight years, and experimented with feeding cooked and uncooked food of every description used, for cows, horses, swine, working and fattening cattle, and poultry, and carefully noted the result, which was in all cases very remunerative, so much so that even the defective, inconvenient, and expensive apparatus, used for want of better, in steaming, manipulating and feeding, I decided there was an average net profit of fully twenty per cent., that is, in feeding the variety of animals named: but in feeding swine for fattening, and milch (cows, in profit, in cold weather, with warm steamed food of eyery description, there was [a profit of over 30 per cent."

"Indian corn on the cob, if properly steamed, will be eaten by both cattle and horses, and is more economical thus fed than the corn without the cob."

"More flesh and fat can be extracted from food of any kind when it is cooked. Some things are comparatively useless when fed in a raw state, but when cooked are excellent food most remarkable of this class of food are potatoes, which require to be cooked in order to be the fattening portion—is readily assimilated in the stomach, but when fed raw it is otherwise Raw potatoes are therefore among the poorest are among the very best."

"Two Chester] Whites were fed as follows, they being of the same litter, and No. 1 weighing 292 pounds and No. 2 weighing 280 pounds. No. 1 was fed for seventeen days on cooked unground corn. She consumed 2 bushels and 21 for the same length of time on whole corn raw and gained 30 pounds, on [3 bushels and 13 quarts. In another experiment with four pigs of one litter, and tour of [another, the first fed on raw corn and the other four fed on cooked corn; the raw corn hogs gained 10 pounds to the bushel, and the cooked corn hogs 15 pounds to the bushel."

"Our society annually, for some twenty-seven years, has fattened 40,000 to 50,000 pounds of pork, and it is the constant practice to cook the meal."

"I put three hogs [into separate pens. One ate 3} bushels of corn in the ear in nine days and gained 19 pounds. Another ate, in the same time, 13 bushels of corn ground, and gained 19 pounds; while the third ate, in the same time 1 bushel ground and boiled meal and gained 22 pounds." "When experimenting to determine whether

there is a saving and how much, in cooking food, I took the cow as the best animal or which to test it. Having two cows, six and sevavailable, and that sooner than whole corn & en years old, hearty and vigorous, calving in corn on the cob. By crushing it the parts January, I commenced by feeding ten pounds lof hay, one and a half pounds of oil meal, same of pea meal, and three pounds of bran per day, all soamed together. Upon this sixteen pounds of food each cow gave four gallons per day, and made eight pounds of butter per week. This result was surprising to me; but to test the effect of cooking they were fed two weeks upon the same quartity and quality of unsteamed food, and on he second week tested for butter, and it had falen under five pounds."

### What Kinds of Feed for Stock.

Nature has finger-boards se.up all along the journey of life. By following hese guides we may always know which way leads to certain points. It is this way in feeling animals. Their natural habits are unerring guides to men in the preparation of food for hem.

All flesh is grass in the sense that grass is the great flesh-producer. Wheat, oats, barley, rye, corn and other grains are but seeds of certain members of the grass family. Lye and oats cut green and so fed are no better than some other kinds of grass; and the seed of these plants, for some purposes are not as good as grass alone. It is proper, therefore, that in selecting feed for our animals that we know something about their nature and habits, as well as the effects which plants and seeds produce when used as food. An ox needs twice as much hay or rough feed as a horse, and a hog will do fairly well with little or none. A work horse needs more grain and less hay or grass than a horse at play, and the same is true of an ox. Cattle will grow fleshy an "I found that five bushels of whole corn grass, and their milk flow will be large, but made 474 pounds of pork. The same amount their flesh will not be as fatty, and their milk some grain along with the grass. Horses will "A bushel of raw corn makes six pounds of endure hard work better on oats and timothy cows will produce more and richer butter if "I was feeding sheep and cutting for them their feed contains fat-projucing elements; bean and out meal. Before steaming, I found, with their hay; and hogs will fatten faster and by weighing, I was putting on two pounds of more profitably if fed on food containing

ciding upon what feed we shall use, we ough to consider not only the kind of animal we wish to feed, but, also, what we desire to produce specially-as muscle and bone, meat, milk, butter, wool, etc.

Of the four leading classes of animals which farmers raise for profit-horses, cattle sheep and hogs, cattle and sheep are ruminants or cud-chewing animals, and horses and hogs are teeth in the upper jaw. They are essentially chewed twice. This fact of itself should teach us that the best guide as to quantity of rough feed for them is all they will eat. Grass alone and that is the natural use of milk. Butter is a manufactured product. The first churning was discovered by accident. Butter is oily; hence, to make good butter-yielding milk, we must use food that has more oil in it than grass has. The quantity of this kind of feed must depend on attending circumstances, as breed, shelter, care, etc. As to rough feed, hay, dried grass, is much better than straw, dry grain stalks, because much of the best parts of the latter have been used in maturing the grain. Rye, cut green and dried, is excellent hay. Oats, we suppose, and wheat would be nearly or quite as good. Hay alone will keep cattle and sheep in fair condition, but straw will not. If straw is fed instead of hay, something that was once in the straw-that 1s, grain, must be fed also, or the stock will go down. The farmer who expects his cattle to hold their own on straw only will soon discover his mistake. It is economy to so mix straw, hay and grain as that the stock will not only not fall off in flesh, but will grow right along all the win-

Of muscle and bone-producing grains, there is none equal to oats and rye. Colts and growing horses not worked ought to be fed all the good, clean hay or corn or cane fodder they will eat with a little oats and rve and in cold weather some corn. For any animal wheat bran is always good in moderate quantities, but its chief value is in promoting digestion and preserving a good condition of the digestive and alimentary organs.

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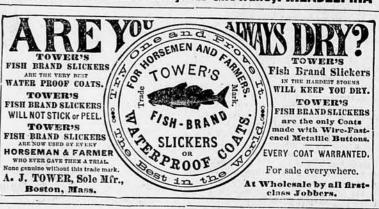
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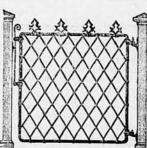
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We solicit from Patrons, communications regarding a Order. Notices of New Elections, Feasts, Instal-ions and a description of all subjects of general or edial interest to Patrons.

### Morticultural Department.

### Horticulture in Montgomery County.

Having had occasion during the past summer visit all the townships in this county, I emaced the opportunity thus afforded to look up s horticultural interests. Though it is thiren years only since this county was organized, the planting of orchards has been pushed with ch vigor, that this year we have raised not only abundance of fruit for our own use, but ve exported it in large quantities. The sales apples and peaches from single farms having n up into the thousands of dollars.

The number of large orchards of from ten to ifty acres each, and the healthy and vigorous rowth of the trees, and their productiveness ow that fruit growing here is no longer an exeriment but a decided success. Here, as well elsewhere, there are failures, but for those, nainly, soil and climate are not to blame. And we come to know more of the adaptability of arieties to our climatic conditions, and learn regard and treat our fruit trees as living beigs, and not as posts or stumps, there appears be no reason why Southern Kansas should t become one of the best fruit growing secons of the country.

### STRAWBERRIES.

This excellent fruit, of which William Cobtt said that while "God might have made a etter fruit, he did not believe that he had," s not received the attention in this county nat its merit and importance demand. While few persons raise strawberries in abundance family use, and in some instances, in large antities for market, more have become disuraged by a failure or two, or have never ied to raise them. Late frosts nearly destroy he crop, or at least the earliest blossoms, and rotracted spring droughts sometimes greatly seen the amount of fruit. A right location ill usually save the crop from frost, and proppreparation of the soil and mulching will reatly obviate the ill effects of drought. The trawberry plant is a gross and heavy feeder, nd the soil for a plantation should be made ne and mellow and rich, for at least a foot in depth, and if deeper all the better. The roots, thus encouraged, will soon fill the entire mass of soil, and will not suffer usually from even long continued dry weather. For a strawberry of all work, no variety has been found that excels the genuine Wilson.

GOOSEBERRIES. This valuable fruit takes very kindly to

Montgomery county. It is raised easily and in great abundance. A year ago they were so plentiful in this market that they were sold out of the stores, six quarts for twenty five cents. RASPBERRIES.

Far less attention is paid to the cultivation of the Raspberry in its varieties of red and black, than the ease with which it may be grown and the many good qualities it posesses ands. It is surprising that the foreign fruit known in the markets as "Currants, though really a small grape, can be raised in their native country, shipped four thousand miles by water, and twelve hundred miles by land and sold in our town for ten cents a pound, while the black raspherry native, and easily grown, is so scarce in a dried state, that it brings readily forty cents a pound. Raspberries of all berries delight in soil filled with vegetable matter, and in a moderate amount of shade.

When they are cultivated to limited extent only, they should be grown on the north side of a fence or wall, and heavily mulched with well rotted manure. In this climate when practicable, plantations of any species of fruit should be planted on a northern slope.

### BLACKBERRIES.

This plant is cultivated to a much larger extent than the raspberries, and this year the crop was very large and fine, bringing good returns. Forty dollars worth of this fruit was sold from a little garden patch of fourth of an acre, besides supplying a family of six persons with all the berries they required. None of the small fruits are raised so easily, last so long, or afford as large returns for the labor required to raise them.

The Kittatiny and the Lawton both, are cultivated, with preferences in favor of the first named variety.

### GRAPES.

A large number of vines have been planted in this county. There are several vineyards of from two to eight acres each. The Concord is raised much more extensively than any other variety. The crop this year was not large, but brought paying prices. The Prohibitory law has cooled the order of some grape grow-

(Concluded on page 406.)

### Sick Headache. SIMMONS

For the relief and cure of the distressing affliction ake Simmons Liver Reg Malaria.

Persons may avoid all attacks by occasionally ta-king a dose of Simmons Liver Regulator to keep the liver in healthy action.

Constipation

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e or two tablespoonsful will relieve all the troubles in-t to a billous state, such as Nausea, Dizziness, Drow-s. Distress after eating, a bitter bad taste in the

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Remember the time for which this tempting offer is made only lasts till January. Thereafter the regular prices will be resumed. Be advised then. Subscribe at once and say to every friend, "Go thou and deliveryer."

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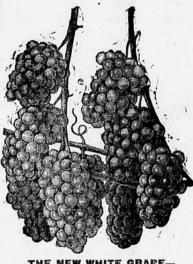
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GO TO HEADQUARTERS FOR Norman Horses.



ST. LAURENT. Weight 2,100.

### E. DILLON & CO. BLOOMINGTON, ILL.

The Oldest and Most Extensive Importers and Breeders in America, of

Norman Horses.

Have two large stables in Bloomington and Normal, and five firms devoted exclusively to breeding and handling NORMAN HORSES. Have imported and bred OVER 1,000 HEAD, and have been awarded over 2,500 premiums. 20 head imported within twelve months.

New Importation of 100 NORMANS Have now on hardved July 29, 1882.

Have now on hand over 300 head; as tine a show as can be found in the world. All imported animals selected by members of our firm in person.

Illustrated catalogue of stock sent free on application. All imported and native full-bloods entered for registry in the National Register of Norman Horses. Come and see as. We can interest any lover

## Holstein Cattle.

THOS. B. WALES, Jr., IOWA CITY, IA. Herd was established in Massachusetts in 1870 and now numbers over 80 head, all repsented in the HolsteinHerd Book. Many animals we personally selected in Holland.

NO ONE SHOULD PURCHASE

Holsteins without visiting this herd. Send for new Illustrated Catalogue.

### AN OFFER TO FARMERS.

I have invented a Self-supporting Board Fence, needs no posts, can be made in the barn on rainy days; costs 30 cts a rod less than post and board fence. It is not patented, but for 30 cts I will send Illustrated Fence Treatise, telling how to make it, and one of the following premiums: 1st, a one foot boxwood pocket rule, 2d, Kendall's Horse Book, 100 pages, 35 illustrations. 3d, one package of Sugar Trough Gourd, Acme Tomato, Prize Head Lettuce, Verbena, and Phlox, or all the above for 60 cents, A-dress Waldo F. Brown, Box 75, Oxford, O.

## The ATCHISON, TOPEKA

and SANTA FE R.R. CO have now for sale

TWO MILLION ACRES Choice Farming and Grazing Lands, specially adapted to Wheat Growing,

38th paral-lel, the Stock Raising, and Dairying, lel, the located in the Cottonwood the world, free valley and of heat and cold; short winters, pure in water, rich soil: in Stock Raising,

SOUTHWEST KANSAS FOR FULL PARTICULARS, ADDRESS A. S. JOHNSON

Topeka, Kansas.

BEATTY'S ORGANS 27 stops, \$125. Pianos \$297.50-free. Address DANIL F. BATTY, Washington, N. J.

40 Lovely chromos, name on. 1 Model love letter, 10 love cards, all 10c, 6-50c, O. A. Brainard, Higganum, Ct.

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### THE KANSAS FARMER.

Published Every Wednesday by the KANSAS FARMER.COMPANY:

H. C. DEMOTTE,
R. R. BROWN,
A. HEATH,
W. A. PEFFER,
Treasurer and Business Manager,
General Business Agent
Editor.

TERMS: CASH IN ADVANCE.

One Copy, Weekly, for one year, . . . One Copy, Weekly, for six months, . . . The greatest care is used to prevent swindling humbugs securing space in these advertising columns. Advertisements of lotterles, 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

Wallace's Monthly for December is a choice number.

The State Wool Growers' Association meets in Topeka, January 17th.

Hon, Wm. Sims was re-elected Master of the State Grange. A good selection.

Congress is discussing civil service reform and how to get the "drop" on 1884.

C. I. Hood & Co., Lowell, Mass., favor us with a set of their beautiful Placques.

Harper & Brother, New York, will please accept our thanks for their "Harper's Christmas,"

There are about one hundred active Granges in Kansas with a membership of about 4,000. The Kentucky Live Stock Record wants

agents. See advertisement in another column. L. W. Mickey, Plainville, Rooks county,

Kas., wants some walnuts for seed. Who has them. We have just received a manuscript draft of

a railroad bill. We will examine it and report next week. The stock interests of Kansas demand the establishment of a State Veterinarian. Let the

Legislature take notice. B. Lawrence & Co., 44 Park Place, N. Y., have our thanks for a box of their excellent new pens-"Metalic writing quills." Our bus-

iness manager is delighted with them. Messrs, Metzger & Insley, of Oskaloosa, real estate men, have arranged their office in a very attractive form for the interest and information of their callers. They keep the KANSAS FARMER regularly on file.

Mary M. is informed that any facts she has to present on Osage orange leaves as food for silk worms will be welcomed at this office. More light is what we all need. The FARMER wants to convey information; not theory only.

The Grange co-operative association of Olathe made sales in the year ending July 1, 1882, amounting to \$243,100 88, an increase over the preceding year of \$53,923.04. New branch stores have been added at De Soto and

One of the fine specimens on exhibition during the session of the State Horticultural Society was an Early Golden sweet potato, weighing 91 pounds, grown by D. H. Johnson, Shawnee county. It would require a cubical space of 8 inches to the side to hold it.

We hope soon to be able to report on a Kansas silo owned by S. S. Mathews, who is now feeding cattle and sheep from ensilage made this year. We have so often urged experiments on this subject that it pleases us greatly to know that Kansas has at least one silo

We wish our friends throughout the State who are doing such effective work for the APMER to know that we appreciate their ser vices. We hope to so conduct the paper as to merit all the good words they say of us. The FARMER is rising in value and is increasing in influence. Its value, in the end, however, depends largely on the people's support.

Prof. J. W. Robson writes: In answer to J. E. Pfingston, I would say the tame grass (Evergreen) is the Avena elatior of Wood, and is identical with the Arranatherum avenaceum of Gray. Sow the seed as soon as the soil is in good tilth in the spring. Sowing broadcast makes a more even meadow. Two bushels, or twenty-eight pounds, to the acre.

We are in receipt of the first number of the U. S. Veterinary Journal, a new publication just begun in Chicago. It is a 16-page paper of four columns to the page, neatly printed on good paper. If the Journal continues as good as it begins it will prove to be worth much more than its cost-\$2 a year. Address U.S. Veterinary Journal, 501 First National Bank building, Chicago, Ill.

### The President's Message.

We had a complete digest of the President's message prepared for last week's paper, but it gave way to more useful matter. About the only portions of it that will interest our readers ers are his recommendation that the coinage of silver be stopped, and that taxation be lightened by reducing the tariff, and also all internal taxes except those on tobacco and spirits.

Mr. Hiram Ward, of Osage county, while in attendance upon the Horticultural Society meeting, brought in a few stalks of orchard grass which he pulled from his pasture Thursday morning last after the hard freeze of the night before. The blades measured 18 to 26 inches in length. The tops were blackened and wilted, but about six inches of the lower part seemed wholly unaffected by the cold. Mr. Ward likes the grass well.

### A Stitch in Time.

The time is not long until the Kansas State Legislature will convene for the most important session in our history. The lesson of the last election was plain. The people spoke in unmistakable language on at least one important subject. In response to their call, every candidate for the legislature pledged himself to "such fair and liberal legislation as will put it beyond the power of common carriers to discriminate in favor of or against particular individuals, places or communities."

We have a word or two to say to the members elect. Some of you are new men: that is to say, you have not had much experience in legislation. Nothing, therefore, will be more natural than that you will be quietly casting about for items of information of importance that will be useful to you in your official work In this innocent and laudable pursuit of knowledge lies one of your greatest dangers. Selfinterest is argus-eyed. Railways are built and operated by men for purposes of making money. The companies owning and controling them are organized to perfection, and they have Political Departments, every one of them, with shrewd, intelligent, affable, wellpaid men in charge. These men look after members of legislatures and courts. They operate in the line of their duties. Like efficient detectives they study men, learning their weak points and their strong points, so as to know their opinions and actions. The methods of these men are purely selfish, though their good nature, liberality and affability always appear on the surface. Their office requires of them that they shall labor in the interest of railroad companies. They let the people at large take care of themselves. The danger to our new members lies in the silent and unsuspected power of these openhearted emissaries. They invariably approach a new man on his blind side. Their methods are made to suit the work

The first duty of a legislator is to learn how to listen. It is that which cometh out of the mouth that defileth a man. His second duty is to learn how to act. This naturally includes time, place and method. Any man who can keep his mouth shut, can learn how to listen; but it requires brains, patience, courage and self-control to learn how to act.

No legislative body can get along without committees. They can and do largely control legislation. They are appointed by the Speaker, and members of the House elect the Speaker. Thus, that officer is a great power. Every member will be approached by somebody in advocacy of his man's claims for Speaker, and when they get to Topeka they will find caucuses already arranged in the interest of these aspiring statesmen. Listen-act. Don't make promises.

Influences will be brought to bear on you without your knowledge. Your judgment is subjected to unseen power. Your opinion may be changed without your preceiving it. Attentions without number will be showered upon you, and agencies will operate from unknown headquarters.

A legislator must command himself or he is of no use to the people whose servant he is, and he must have courage enough to say "No, sir, I will not support you or your measure,' and that without giving any reason. This does not demand coarseness nor require offensive ords. Politeness is always in order; courage only gives it force. Study, read, listen for yourselves. Go to proper sources for knowledge. Let other people talk, if they wish, but, as for you, attend your duties to the people who sent you here. Remember that a great many people have axes to grind—their own or omebody's else.

Arguments in great profusion will be adnecessary. But the people know better. They know that they are absolutely in the power of railroads. They know that some men and some towns get accommodations that other men and other towns do not and cannot obtain. They know that some men get free transportation when other men, traveling from and to the same points and on the same car, must pay regular fare. They know that a single telegram from railway headquarters may take ten or fifty per cent. off the value of wheat and corn lying in the bin. They know that all this is outrageously unjust, and they have commissioned you to correct these abuses of

The KANSAS FARMER will watch your course with much interest. It will encourage you in every good move; it will forgive every innocent mistake; it will expose every neglect of duty that comes in view, and keep the people posted as to what is being done or left undone, and who are doing the work. The time has come for action. We want justice only-plain, simple justice, and that we must have. Railroad men must be taught to deal justly, fairly, equitably with the people-all people. Pay then well; pay them liberally, we say; but compe them to do right. Frame good, plain, reasonable, just laws, and then enforce obedience The man who shirks duty now is a coward and must be crushed. Deal with traitors roughly. We want no child's play, and so far as the KANSAS FARMER is concerned, it will suffer none. It wants railroads, more and plenty of them; it is their friend and co-worker; but it does not propose to have them swallow the people whole. It asks no favor but justice to the people, and for this it will wage war to the bit-

Mutton is the cheapest meat sold in this country now, while in Great Britain it is higher than beef-Exporters are just beginning to 'tumble' to this fact, and a 'boom' in fat sheep is likely to result. Poor sheep from Western ranges have spoiled the market for mutton recently.

### Christmas is at Hand.

How the heart wells up in expectation of pleasures as the Christmas time approaches. We expect to give and we expect to receivenot gold or silver, or lands, or herds, but little things whose greatest value consists in the good will which goes or comes with them. With the first song on good will eyer sung, dawned this immortal day. "Peace on earth good will toward men" came freighted with the spirit of the Babe of Bethlehem. And how that kindly spirit, coming down through the centuries, still warms us and makes us better. It comes to us as the generous sunshine comes to plant-life in the spring, greeting and urging and feeding. Let us all remember at least one person on this blessed day in such manner as that none shall be neglected; and if our good nature includes many, so much the better. One always feels better after having done a good deed. Christmas affords us opportunities that we might not otherwise see.

The poor especially ought to be remembered. Their lot is not the most pleasant one. If we can impart a little pleasure in the cheerless home, let us do it. It costs us nothing to be good, though the gratitude which comes to us from hearts that we have made happier has value that coins cannot measure. In our own families first let the good work begin, and then go cut among those who will most enjoy the recieving of our gifts. A little here, and a little there-a kindly greeting, a tiny gift, a general good will to all is what makes the day enjoyable, and these continued acts of goodneighborhood among men are the ties that bind us to Him in whose memory we do so many good things.

Before the next issue of this paper appears the day will have come and gone; therefore we take this occasion to wish to all of our readers and friends and enemies a Merry Christmas, and that they may live long and prosper.

### The Abilene Meeting.

About thirty members-elect of the legislature met at Abilene last week to consult about proposed railroad legislation. The lack of information and method apparent among them is evidence that ignorance on the railroad subject is very general. The Kansas Farmer has been doing what it could to arouse the people to a study of the subject by showing both its importance and magnitude.

These men whom the people have elected to frame legislation on the most vital subject pow pending, gather to consult and hold a "Quaker meeting," not a quarter of them having a word to say or a suggestion to make. We do not centure them, because we believed beforehand that they were going with their hands in their pockets; but if they know and say no more when they meet at the adjourned session in Topeka, we expect to rake them fore and aft. Every member pledged his best efforts to this very matter when he was a candidate, and if they do not come up to the work manfully, their constituents will know it before they get home again, for the KANSAS FARMER will be there to spread the news.

Time and again have we pointed out particu lar grievences which the people have against railway management, and yet it seems that about as far as the most of these legislators have gone is, to suggest the appointment of commissioners whose duty it shall be to do what the men elected to it do not know how.

We again suggest to the members that the legislation needed is that which will be like pruning to a tree that we wish to preserve, or like careful breeding of animals to produce perfect stock. We need to improve and perfect the railroad management so as to make it subserve its proper uses—the carrying of persons and property, cheaply and fairly. Now. vanced to show why no railroad legislation is let the subject be taken up with the object first, of obtaining necessary and reliable information on these points. What is a reasonable compen sation? Fix that. Then consider the different classes of grievances and their causes. Fix that. Prohibit pooling; prohibit all combinations which may operate against any of the people; prohibit all discriminations in charges for freight and passengers; require all rates to be published; leave broad margins for all uncertainties, but make the law and its object so plain that any ordinary person can understand it and then elect a board of railroad commissioners to enforce the law.

It is a subject of great magnitude, but surely it is not beyond the comprehension of common men who wish to learn something about it. A good active, industrious committee in ten days can collect facts enough to frame an honest, lib-eral law. The people don't want to cripple the roads nor to underpay them. All they was protection against extortion and injustice. may not be possible to establish uniform rates for all the roads in the State, but it is possible to fix a uniform standard of business morality, and the member who shirks duty now would do well to obtain a mission to the Sandwich Is-

### Cost of Passenger Travel.

Mr. Carter sends us a manuscript copy of some matter extracted from the Free Citizen, New York, relating to cost of passenger travel. The gist of it is in a paragraph or two replying to a question as to what price passengers could be carried from New York to Chicago:

"We could take passengers over our road and the Lake Shore to Chicago for two dollars a head, and make money. We could take a head, and make money. We could take them in good passenger cars, running at the rate of twenty miles an hour. We can carry a man weighing one hundred and fifty pounds as cheaply as we can carry a hog weighing four hundred pounds. We would be glad of the chance to get one hundred deliver as for get one hundred dollars a car for carrying hogs. Sixty hogs fill a car and weigh twelve tons. Now, it we can make money car-rying twelve tons of hogs for one hundred dollars, don't you think we could make money carrying fifty passengers weighing four tons for the same money?"

### The State Grange.

From a granger friend who wrote as he rode on the cars, we get the following facts from the proceedings of the late State Grange meeting at Olathe:

The Kansas State Grange closed the 14th

inst. Its financial condition is good, and its membership hopeful of a brighter future. The fith degree was conferred upon about 175 applicants, after which all partook of a bountiful supper furnished by the Patrons of Johnson county. (If there is any one thing that Patrons are successful in doing it is in furnishing plenty that is good for the inner man.) The State Grange appointed a committee of three to draft a bill regulating freight and passenger tariffs and is to present the same to the Legislature. It also recommended that all property be listed for taxation at its market value; that all property not owned by the public should bear its equal share of taxation; that the bounty on wolves be raised to three dollars, and that there should be a bounty for killing hawks of twenty-five cents each: that school boards should be required to contract with school book manufacturers for books at stipulated prices for the full period of adoption, and if at any time the manufacturers raised the price above that stipulated sum, the board be allowed to adopt any other series of books; that the laws be so amended that where a person gives a note and that note was obtained fraudulently, and the maker of the note can show that the note was obtained by fraud, he will not be held for said note, even though it pass to the hands of a "third party." The last recommendation will be concurred in by almost every one who is not a villain. As the law is interpreted by the courts "A" can obtain from "B" in the most fraudulent manner his note, then sell it to "C," who perhaps knew all about the transactions, for 25 or 50 per cent, of its value, and then compel "B" to pay it. The prospect is that in the future the Grange will be much more aggressive than in the past. It should have been stated in connection with needed legislation and transportation, that Senators Ingalls and Plumb are asked to use every honorable means to secure the passage of the bill elevating the Commissioner of Agriculture to a Cabinet officer. The bill passed the House and it now remains for the Senate to do its duty. Our delegation in Congress is also urged to secure the passage of the Reagan bill or of a similar bill to regulate inter-State com-

### Inquiries Answered.

What rules or regulations are necessary for forming a joint stock company for entering into the cattle business?

-On page 217, Compiled laws of Kansas, you will get the information you need. Begin something like this: We do hereby associate ourselves as a corporation under the laws of Kansas. First.-The name of this corporation shall be- Second.-The purpose, etc., following the law. With the charter send two dollars to the Secretary of State, and on return of copy you are ready for business.

Can manuscript intended for publication be sent through the mails, unsealed, at one cent per half ounce, providing the envelope is marked, "Manuscript intended for publication?" FARMER please answer.

-No written matter now passes through the mails at less than letter postage except proof sheets with the author's corrections.

J. H. D. writes about a sick pig, but he does not give any of the symptoms, so that we cannot even guess at the disease. We hope the doctor will report when he either cures or kills

To D. L. M .- Well-rotted stable manure, with wood ashes is better for gardens than lime and plaster. Alfalfa seed can be had from Trumbull, Reynolds & Allen, Kansas City, Mo.

### Varieties of Fruit for Kansas.

We are so frequently asked what varieties of ruits do best in Kansas, that we again publish a list of those recommended by the State Horticultural Society in their report of 1880. It is as follows:

APPLES-SUMMER.

Early Harvest, Carolina Red June, Red Astrachan, Early Pennock, American Summer Pearmain.

AUTUMN. Maiden's Blush, Rambo, Lowell, Fameuse,

Fall Wine. WINTER. Winesap, Ben Davis, Jonathan, (late fall,

early winter), Rawles Genet, White Winter Pearmain, Missouri Pippin, Willow Twig, Rome Beauty, (late fall, early winter), Gilpin, Dominie, (late fall, early winter.)

Mr. Bishir sends us a model of the fence he writes about in a letter to the FARMER, and which he offers to send to anybody for a dollar. It consists simply of pickets, sticks, laths, etc. held in place by crossing two wires between every two pickets. The weaving is done in two places—near the top and near the bottom. To illustrate: Take a wire any length—say ten feet, and double it. In the bend place picket; cross the wires at one side of the picket hen put another picket in the cross, and cross again over that; then another picket, and so on. The pickets are held in the spaces between the wire crossings.

### A Tree Protector.

A reader of the FARMER sends us a model of a tree protector. It consists of nine pickets about 30 inches long and 1 inch by \( \frac{1}{2} \) in width and thickness. These are connected by two \( \frac{1}{2} \) inch zinc strips 20 inches apart. A space of 1\( \frac{1}{2} \) inches is preserved between every two pickets, and the zinc straps, at one end, extend 4 or 5 inches, so that when the pickets are set around the tree, the strap ends may be bent around the other outside picket, thus placing a little fence around every tree.

### Gossip About Stock.

Sales of short horn cattle are thus summarized by the Breeders' Gazette: In Illinois, 26 sales, aggregating 1,178 cattle, sold for \$270,337, average of \$229.58; Kentucky, 19 sales and 1,001 cattle for \$218,248, an average of \$218.03; Missouri, 5 sales and 338 cattle for \$48,177, an average of \$142; Kansas, 5 sales and 168 cattle for \$23,240, an average of \$132; and Iowa, 7 sales and 455 cattle for \$49,980, an average of

Miller Bro's, Junction City, Kas., have lately increased their herds by several noted additions, among them the boar, Eclipse, and the sow, Chloe, from C. W. Jones, Richland, Mich.

We are in receipt of the National Register of Norman Horses. Besides being a registry of Norman horses, the book contains a general history of the horse kind, and hence is doubly valuable. It is edited by James M. Hiatt, of the Chicago Drover's Journal. All French draft horses, both imported and native fullblood, are entitled to register in this book.

The highest price paid for a yearling colt this year was \$4,500 for Emperor, bought by Mr. Lorillard, and he has been shipped to

Mr. Waddell, Marion, Ohio, an experienced preeder believes the best cross in sheep is a Merino ram on a Shropshire ewe.

Entries for the second volume of the national Norman horse record will close January 1.

S. T. Bennett & Co., Short-Horn breeders, Stafford, Kansas, are entitled to favorable consideration by buyers of good stock. They propose to do a fair and honorable business

For dressed carcass in the 3-year-old class, a Hereford steer, Sir Richard, took the prize at the Chicago fat stock show.

Joseph Morgan, of Dodge City, recently sold his herd of about 4,000 head of cattle to the Prairie City company for \$100,000.

The Kansas City fat stock show for 1883 is now an assured fact.

Sheep men will do well to consult the new card of R. T. McCalley & Bro., Lee's Samitt. Mo., who are well known in the west as prominent and reliable breeders of prize winning Thoroughbred American Merino sheep.

The American Hereford Cattle Bredders' Association held its second annual meeting at the Sherman House, Chicago, recently, and had a full attendance of members. The election resulted as follows: C. M. Culbertson, Chicago, Pres.; C. K. Parmelee, Wolcott, Ind., Vice Pres.; C. B. Stuart, L. Fayette, Ind., Treas. Board of Directors, H. Morris, Aurora, Ill.; E. R. Price, Chicago, and C. Gudgell, Pleasant

It having been decided to have but one Short-Horn Record in this country, the different records have been purchased by the American Short-Horn Association. The stock of the association is \$20,000, and the price of a share s \$25. Address L. P. Muir, Secretary, Paris, Ky., until January 1, after that, Chicago, Ill.

There is to be an inter-national exhibition of animals connected with agriculture at Hamburg, July 3 to 11, 1883. It will include horses, cattle, sheep, swine, bees, fish, poultry. Will Kansas be represented?

Matt Ryan, Leavenworth, is stall-feeding a housand cattle and has three thousand sheep, feeding all of both classes of animals largely on the pressed cane from his sugar works.

### Mechanical Orguinette.

The most wonderful musical instrument ever made. Plays automatically any tune that was ever written. The Orguinette is a reed instrument on the principle of the Cabinet Organ, but with this difference, that no previous knowledge of music is required to play the most difficult pieces. A child who has no knowledge of music can execute the most difficult airs with all the skill of the most accomplished musicalen. Plays religious, santimental and dancing musicalen. sician. Plays religious, sentimental and dancing music with equal skill. Suitable for the Parlor, Chapel, Lodge, or Ball-Room. The sweetest toned instrument ever heard, the wonder and admiration of all. The Orguinette is simple in principle, strong in construction and durable in every part. Will not get out of tune or require repairs even if used contantly. The music is produced by sheets of perforated pa per. This paper is of greath strength and durability and will not wear out. The number of tunes being unlimited any person can play the latest compositions of the day with-out the trouble of learning them. The price of the Orguiette is \$8, but during this month in order to increa holiday trade we will send the Orguinette complete, with choice selection of tunes, on receipt of Six Dollars (\$6). The Orguinette has a very handsome black wainut case, highly polished and elegantly ornamented with gold. It is the perfection of mechanism and will last a life-time. Every in-strument shipped without delay, and warranted perfect in every respect. Extra tunes (several hundred in number) supplied at 4 cents per foot. Send for Catalogue of extra nes. Remit by Post office order, or registered letter. The firm is reliable-Boston Globe. Can and will do all the oromise—Chicago Herald. A rare bargain—Ph'ladelphi:
Press. ROBERTS & CO.,
7 Murray St., New York.

According to the best information, there are 4 600,-000 sheep in Texas. This will in all probability be increased during the coming lambing season 20 per cent, bringing the number up to 5,500,000. Valuing a at \$2.50 would make e total valuation of sheep in the state of Texas \$12.800.000.

### An Only Daughter Cured of Consump-

When death was hourly expected all remedies having failed, and Dr. H. James was experimenting with the many herbs of Calcutta, he accidentally made a preparation which cured his only child of Consumption. His child is now n this country enjoying the best of health. He has proved to the world that Consumption can be positively permanently cured. The Doctor now gives this recipe free, only asking two three-cent stamps to pay expenses. This herb also cures night-sweats, nauses at the stomach, and will break up a fresh cold in twenty-four hours. Address CRADDOCK & CO., 1032 Race St., Philadelphia, naming

Twenty-three fine thoroughbred Merino Rams, worth \$40 apiece will be sold for \$25 each; also, twenty, \$25 Bucks at \$12 to \$16 each. All young, sound and healthy; fully acclimated. We sold our cullings and old ones, We want to close these out at once.

BARTHOLOMEW & CD., "Capital View Shien Farm." Office 18 Kas. Ave... Topeta, Kas.

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### The Bad and Worthless

are never imitated or counterfeited. This is especially true of a family medicine, and it is positive proof that the remedy imitated is of the highest value. As soon as it had been tested that then Pitters and the second as it had been tested that then Pitters and the second as it had been tested that then Pitters and the second as it had been tested that then Pitters and the second as it had been tested that then Pitters and the second as it had been tested that the second as it had been tested the second as it had been tested that the second as it had been tested the second as it had been tes dy initiated is of the highest value. As soon as it had been tested that Hop Bitters was the purest, best and most valuable family medicine on earth, many initiations sprung up and began to steal the notices in which the press and people of the country had expressed the merits of H. B., and in every way trying to induce suffering invalids to use their stuff instead, expecting to make money on the credit and good name of H. B. Many others started nostrums put up in similar style to H. B., with variously devised names in which the word "Hop" or "Hops" were used in a way to induce people to believe they were the same as Hop Bitters. which the word "Hop" or "Hops" were used in a way to in-duce people to believe they were the same as Hop Blitters. All such pretended remedies or cures, no matter what their style or name is, and especially those with the word "Hop" or "Hops" in their name or in any way connected with them or their name, are imitations or counterfeits. Beware of them. Use nothing but genuine Hop Bitters, with a bunch or cluster of green Hops on the white label. Trust nothing else. Druggists and dealers are warned against dealing in impations or counterfelts.

There are few cities in the United States, or the Canadas, which have not several well known residents, who have been materially benefited by the use of Ayer's Hair Vigor. The original youthful color has returned to faded and bleached locks; bald spots have been re-covered; or brashy, dry and wiry hair has been brought to a smooth glossiness.

Read the following plain statement, every word of

Mrs. Oliver Davenport, of Williamstown, Vt., and 59 years old, lost her hair 39 years ago, by a disease of the scalp, presumably, as she had no sickness. For 38 years she tried many "restorers," etc., with no effect. A year ago last May, coming by chance, in possession of a part of a bottle of "Ayer's Hair Vigor," she applied it and a downy growth of hair began to cover her head. She has since used three bottles and about a half, and at this time her hair is twelve inches in length, brown in color, not at all gray, and cov ering her head, with the exception of a spot on top and that has a downy growth starting upon it, which she thinks a persistent use of the Vigor will bring on in time like the rest. Oct. 22, 1880.

The particulars of this case can be verified by the Postmaster and other prominent citizens; also, by the editor of the Northfield. Vt., News.

The Hair Vigor is prepared by Dr. J. C. Ayer & Co.

Lowell, Mass., and sold by druggists in this town. 2t

Gold Rings, solid, 18 K, rolled gold, only \$1.00. Exquisste finish, unexcelled in quality; a most desirable and magnificent article, offered to our readers, at one-quarter their value, by Messrs. Garside & Co., New York See their announcement in another column

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It neutralizes at once all aoxious odors and gases. Destroys the germs of diseases and septic (putrescent) floating imperceptible in the air or such as have effected a lodgment in the throat or of the new floating the second of the second o A certain remedy against all Contagious Dis-

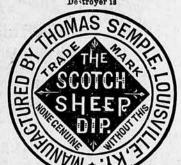
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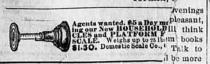
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8.000,000 One and two years old HEDGE PLANTS, for seasons of '82 and WHOLE ALE and RETAIL. Apple, Peach, Pear and Cherry trees, Grape vines, and other nursery stock.

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3 HEREFORD BULLS. A big bargain in the above animals if sold at once. All are first-class, perfectly sound, 2 and 3 years old, and are recorded O. K.

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Also have for sale a number of
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Also High Grade Cows, Heifers, Bulls, and one and two-year-old steers, and a few good horses, mares and mules. The proprietor has been eight years in the busi-

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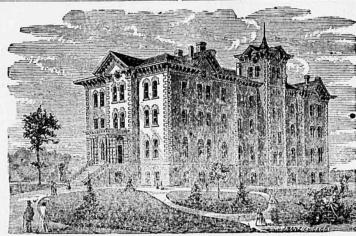
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THOROUGHBRED POLAND-CHINAS, A. C. Moore & Sons, Canton, Ill.



We are raising over 800 pigs for this season's trade. Progeny of hogs that have taken more and larger sweepstake and pork-packer's premiums than can shown by any other man on an attended to the season of the seas

Two shipments made to Hamburg, Germany, in 1881; one order for 1882 to fill from same parties. Certificate of purchase with each sale and pedigree when required.



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Imported and Graded Stock of all ages. Call nd see stock and get prices. We have first class stock at moderate prices, Come and see and judge for yourself. Catalogue sent. GEO. W. STUBBLEFIELD & CO., 104 South Madison st., Bloomington, 11js.

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Kansas. Finely Improved, with stone dwelling, barns, cribs, sheds, corrals; farm is sub-divided into into 6 fields with substantial fences. 160 acres In cultivation; 25 acre orchard; 40 in timber; 40 acre hay meadow, and a 55 acre pasture. A never failing stream of water. One of the best stock, fruit and grain farms. Terms: One-fourth down, balance on annual payments to suit. If not sold soon it will be leased for 5 years to any competent person who can furnish one half interest in the stock the place "ill carry, the owner of farm furnishing the other half. Address
J. N. Limbocker, Manhattan Kas.

### LIVE STOCK AUCTIONEER.

Satisfaction guaranteed. Can give good refences. Junction City, Kas. J. G. D. CAMPBELL. GEO, B. PALMER, Undertaker, 228 Kanses Avenue, Topeka, Kansas, dealer in all kinds of Cloth, Wood and Metalic Cases and Caskets Office open and telegrams received at all hours of the night.

J., WELSH, Prop'r Commercial Hotel, St. Marys, Kan-sas. LIVE-STOCK AUCTIONEER at d VETERINA-RY SURGEON; with 25 years experience; will attend cases or make sales anywhere in the state, Write.

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HYDE & MILES,

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## Short-horn Bull Calves

Thirty extra fine red thoroughbred Short-horn Bull Caives for sale. Will sell on time to farmers, or close out in one lot to ranchmen at a bareain' Address. G. W. GLICK, Atchison, Kas.

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DEHONEY & WEST, - - - PROPRIETORS. Corner Fifth and Central Sts., Kansas City, Mo.

Located near the business center, only two squares west of Board of Trade building, Armour Bros. bank, Eank of Kansas City and Bank of Missouri, House newly furnished. "Union Depot street cars pass the door every five minutes. Terms \$2.00 and \$2.50 per day.

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(Continued from page 403.)

ers. The owner of one vineyard I visited was about plowing up a large portion of it, though he admitted, that at the present prices of grapes, it was paying him far better than any other part of his farm. So long as temperance people even, use wine medicinally, it is far better that it should be manufactured at home, and sold under proper restrictions than to compel persons who need it, or think they do to buy the miserable compound usually sold under its name.

PLUMS.

Plum trees have been planted in this county to a moderate extent, and this year, generally have borne good crops, especially the Damson and Wild Goose varieties. These varieties seem to adapt themselves readily to our climate, and are as near curculio proof as any. QUINCES.

It was only occasionally that I found the quince in cultivation, and still more rarely old enough to fruit. So rarely that their success here is an open question.

PEARS.

Pear trees have been quite extensively planted in Montgomery County, and this year those of bearing age have yielded a large crop. The blight affects the trees to some extent, but most of them are too young to suffer much from it.

Bartlett, Louise Bonne, Duchess, Buffam, Seckel and Clapp's Favorite are the varieties most cultivated. I saw some magnificent trees of the Bartlett and Louise Bonne loaded to the ground with large fair fruit. This year the crop of pears has been large, and the size and quality of the fruit all that could be desired. PEACHES.

This year though the farmers throughout the county have canned and dried a two years supply of peaches for their own use, and have dried large quantities for sale, and thousands of bushels have been sold to the canning factory at Independence, and thousands of bushels have been shipped out of the country. Still many bushels have rotted or have been eaten by swine. And if all the peaches in the county were of good varieties and the people had been prepared to take care of such a crop, the peaches raised in the county would have been worth more than the wheat crop. Hale's Early, the Crawfords Early and Late, Stump the World and Heath's Cling, are perhaps more generally cultivated than any other varieties. Many seedling peaches have been raised in this county that are of great value, and have acquired a local celebrity. Several of these are very early, and large and as good or better than the Amsden and Alexander. Other varieties are later, but larger and of excellent quality. In Montgomery County we have peaches from the first week in June until the close of the season.

From Independence alone over fifteen thousand crates of peaches, have been shipped during the season of 1882.

APPLES.

For the number of bearing trees it contains, it is probable that no county in the State, has produced a better crop of apples this year than Montgomery. The cool and wet weather of the spring and early summer, that proved so disastrous to the chinch bugs, was equally unfavorable to the growth of the multitude of insects that prey upon our fruit, and apples especially are remarkably free from worms, and I do not remember to have seen even in the great apple districts of the East fruit more uniformly fair and sound.

With us success or failure in raising apples depends very much on the varieties cultivated. I have observed in going over the county and visiting nearly every large orchard in it, that, the following varieties have been uniformly healthy and vigorous, and have endured the extremes of our climate with as little injury as would be found anywhere in the country. Early Harvest, Red June, Benori, Fameuse, Jonathan, Talmari's Sweet, Wine Sap, Missouri Pippin, Ben Davis and Rawle Janet. The Red Astrachan and Maiden Blush do tolerably well only, while the Yellow Bellflower is unhealthy and short lived. The Baldwin and R. I. Greening compared with the varieties first named, are not worthy of cultivation. Many other varieties are cultivated to a greater or less extent, and with varying success.

It will be seen from the list of varieties noted as doing well, that they have originated in portions of the country so widely apart, and under such different conditions of climate and soil, that it can hardly be said that varieties from any particular section of country, do best

The Fameuse was introduced into this country from Canada, doubtles an old French yariety, and is one of the best of apples of its season. The Jonathan originated in eastern New York. And here twelve hundred miles from its birth place, appears to be well fitted for pioneer life. The tree grows more vigorous here than in New York, while the fruit, though ripening in the fall, retains the eastern beauty, and attains twice the size.

The Ben Davis is a Kentuckian, and need not be ashamed of its origin, while the State may well be proud of so good an apple.

Rawle's Janet is a Virginian and one of the

best of Southern apples. Fruit growers should know the names of the varieties of fruit raised by them, and their synonyms, that they may not buy what they do not want. And they should closely observe the hardiness of each variety, and its bearing qualities, and if not satisfactory in these respects, it should be discarded at once. While in Cherokee township I visited a large orchard of more than two thousand trees, consisting al-

most entirely of Ben Davis, Missouri Pippin and Wine Sap, and the orchard with hardly an exception was healthy and vigorous. And for apples in their season these varieties should be generally planted, in this portion of the State. It was not my purpose to give a homily upon the management and culture of fruit trees, but to give a few notes upon what I have observed of our fruits, in passing over the county.

We have two or three species of native plums, and three species of wild grapes, all of which are sometimes used as a substitute for the cultivated species. We have two or three species of black berries that are quite common, and worthy of cultivation. Also the common black raspherry, one wild strawberry, and one goosberry with smooth fruit of good size and quality.

The demand for the best draft horses is in excess of the supply. English and Scotch breeds take the lead.

Containing all the essentials of a true tonic, and

sure to give satisfaction, is Brown's Iron Bitters. Persons who succeed with poultry can always be studied to advantage, even if not copied. There are

To Whoever it May Concern

ome such in nearly every neighborhood.

We would say that unless you have thoroughly tried Leis' German Baking Powder you are practical-ly ignorant of the very best Powder manufactured, as the materials used for it are the purest and strong-est, and the process of compounding and putting it up is performed with the greatest care and exactness so we say what we know, that it is the very best of Baking Fowder.

The stock raisers of California estimate the aggre gate value of their flocks and herds at \$35,000,000. The number of horned cattle is placed at 2,250,000.

A Grave Error.

No error in the conduct of physical life can be greater, or of more serious consequence, than to sup-pose that pains in the back and leins, fluttering of the heart, and disturbances of the urinary system are trivial, and will "go as they came." To neglect such symptoms is a sure way to incur serious and often fa-tal diseases. The true cure for them is Hunt's Remedy, the great kidney and liver medicine. This medicine is never taken without benefit. If nervous about your kidneys, bladder, liver, or urinary organs use Hunt's Remedy.

Black corn has been raised in Livingston county N. Y. It is described as being as black as an African, as sweet as sugar, and retains all the attributes

\*\*\*"Example is better than precept." It is well known that dyspepsia, billous attacks, headache and many other ills can only be cured by removing their cause. Kidney Wort has been proved to be the mos effectual remedy for these, and for habitual costive-ness, which so afflicts millions of the American peo-

It will be interesting to lovers of chocolate to know that the manufacture of chocolate cakes out of pea nuts alone, is an immense and profitable industry in the Northern states.

\*No lady of refinement likes to resort to superficial devices to supply a becoming semblance of her former beauty. It is health alone that kindles the fire that lights the countenance and brings back the fresh tints of the apple blossoms to the faded cheek. If anything on earth will do this it is Mrs. Lydia E. Pinkham's Vegetable Compound which has already brought health to multitudes with whom all other means had failed.

Grapes can be pruned at any time between the falling of the leaves and the starting of the sap. It is not pleasant winter work, and if left until pleasant Spring weather comes there is danger of bleeding. November is a good time.

### Swindlers Abroad.

If any one has represented that we are in any way nterested in any bogus bitters or stuff with the word 'Hops" in their name, cheating honest folks, or that we will pay any of their bills or debts, they are frauds and swindlers, and the victims should punish them. We deal in and pay only the bills for the genuine Hop Bitters, the purest and best medicine on earth, HOP BITTERS MANUFACTURING CO.

If every farmer would keep a record of the number of eggs laid, chickens hatched, and those sold or eaten each year, they would form the basis of most inter-esting statistics, and be a matter of surprise to every one as to the value represented by them in money

"Made New Again."

Mrs Wm. D. Ryckman, St. Catharines, Ont., says R. V. Pierce, Buffalo, N. Y., I have used your Fa vorite Prescription, Golden Medical Discovery and Pleasant Purgative Pellets, for the last three months and find myself-(whatshall I say)-'made new again are the only words that express it, I was reduced to a skeleton, could not walk across the floor fatnting, could keep nothing in the shape of food on my stomach. Myself and friends had given up all ope, my immediate death seemed certain. live (to the surprise of everybody) and am able to do my own work."

The Pillsbury A mill, at Minneapolis, did one day last week what it has been trying for some time to do, and what some skeptical persons have said it could not do, viz., turn out 5,000 barrels of flour. It succeeded in making the best record ever made by any mill in the world-5,107 barrels.

Skinny Men.

Wells' Health Renewer. Absolute cure for nervous debil ity and weakness of the generative functions. \$1, at drug gists. Kansas Depot, MoPIKE & FOX, Atchten. Kansas:

The origin of the Jersey Red breed of swine is not positively known. In some parts of New Jersey they have been bred for over half a century. The charac teristics claimed for them are early maturity and and great size, often having been made to weigh 300 pounds gross at nine months, and dressing 600 at twenty months.

"Buchupaiba."

New, quick, complete cure 4 days, urinary affection smarting, frequent or difficult urination, kidney disease \$1. at druggists. Kansas Depot, McPIKE & FOX, Atchison



For Sale.

For Sale, or Trade for other Stock, 3 Thoroughbred Shor orn Bulls, H. W. McAFEE, Three miles west of Topeka, on 6th st. road.

no longer from Dyspep-sia, Indigestion, want of Appetite, loss of Strength lack of Energy, Malaria, Intermittent Fevers, &c. BROWN'S IRON BIT-TERS never fails to cure all these diseases.

Boston, November 26, 1881.

BEOWN CHEMICAL CO.

Gentlemen:— For years I have been agreat sufferer from Dyspepsia, and could get no relief (having tried everything which was recommended) until, acting on the advice of a friend, who had been benefitted by BROWN'S IRON BITTERS, I tried a bottle, with most surprising results. Previous to taking BROWN'S IRON BITTERS, everything I ate distressed me, and I suffered greatly from a burning sensation in the stomach, which was unbearable. Since taking BROWN'S IRON BITTERS, all my troubles are at an end. Can cat any time without any disagreeable results. I am practically another person.

Mrs. W. J. FLYNN, 30 Maverick St., E. Boston.

BROWN'S IBON BIT-TERS acts like a charm on the digestive organs, removing all dyspeptic symptoms, such as tasting the food, Belching, Heat in the Stomach, Heartburn, etc. The only Iron Preparation that will not blacken the teeth or give headache.

Sold by all Druggists. Brown Chemical Co. Baltimore, Md.

See that all Iron Bitters are made by Brown Chemical Co., Baltimore, and have crossed red lines and trade-mark on wrapper.

BEWARE OF IMITATIONS.

A NOTED BUT UNTITLED WOMAN.



ham, of Lynn, Mass., who above all other human beings may be truthfully called the "Pear Friend of Woman," as some of her correspondents love to call her. She is scalously devoted to her work, which is the outcome of a life-study, and is obliged to keep six lady assistants, to help her answer the large correspondence which daily pours in upon her, each bearing its special burden of suffering, or joy at release from it. Her Vegetable Compound is a medicine for good and not

Vegetable Compound is a medicine for good and not evil purposes. I have personally investigated it and am satisfied of the truth of this.

On account of its proven merits, it is recommended and prescribed by the best physicians in the country. One says: "It works like a charm and saves much pain. It will cure entirely the worst form of falling of the uterus, Leucorrheea, irregular and painful Menstruation, all Ovarian Troubles, Inflammation and Ulceration, Floodings, all Displacements and the consequent spinal weakness, and is especially adapted to the Change of Life."

the Change of Life."

It permeates every portion of the system, and gives new life and vigor. It removes faintness, flatulency, destroys all craving for stimulants, and relieves weakness of the stomach. It cures Bloating, Headaches, Nervous Prostration, General Debility, Sleeplessness, the Change of Life."

Nervous Prostration, General Debility, Sleeplessness, Depression and Indigestion. That feeling of bearing down, causing pain, weight and backache, is always permanently cured by its use. It will at all times, and under all circumstances, act in harmony with the law that governs the femals system.

It costs only \$1, per bottle or six for \$5. and is sold by druggists. Any advice required as to special cases, and the names of many who have been restored to perfect health by the use of the Vegetable Compound, can be obtained by addressing lirs. P., with stamp for reply, at her home in Lynn, Mass.

For Kidney Complaint of either sex this compound is unsurpassed as abundant testimonials show.

"Mrs. Pinkham's Liver Pills," says one writer, "are the best in the world for the cure of Constipation,

the best in the world for the cure of Constipation, Billiousness and Torpidity of the liver. Her Blood Purifier works wonders in its special line and bids fair to equal the Compound in its popularity.

all must respect her as an Angel of Mercy whose sole ambition is to do good to others. Philadelphia, Pa. (2) Mrs A. M. D.

KIDNEY-WORT IS A SURE CURE LIVER—

It has specific action on this most important organ, enabling it to throw off torpidity and inaction, stimulating the healthy secretion of the Bile, and by keeping the bowels in free condition. condition, energing its regular discharge, malaria, have the chills, are billous, dyspoptic, or constipated, Kidney-Wort will surely relieve and quickly cure. In the Spring to cleanse the System, every one should take a thorough course of it.

41- SOLD BY DRUCGISTS. Price \$1. KIDNEY-WORT

Presents

Offered by OOTHOUT & CO., especially for Holiday Trade, at the following low prices: Buake Box, 30c; Anchor Puzzle.25c; Finger Trap.20c; Coin-box Tricks, 5cc; Trick Cards, 15c; Trick Match Box, 25c; Chinese Ring Puzzle, 20c; Grasshopper, 20c; Link Puzzle, 20c; Climbing Monkey, 25c; Japanese Doll, 30c, All for \$2.40 prepaid. OOTHOUT & CO., Stoux City, Ia.

Kansas Farmer, I Year, \$1.00.

WHAT WILL THE WEATHER BE TO-MORROW



AT WILL THE WEATHER BE TO-MORROW O Pool's Signal Service Barometer

OR STORM GLASS AND THERMOMETER COMBINED,

WILL TELL YOU!

It will detect and indicate correctly my change in the weather E to 48 hours in advance. It will tell what that of any is approaching, and from what direction—invaluable to mayignators in a sproaching, and from what direction—invaluable to mayignators in second in a single recording to its predictions. Saves 50 times its cost in a single recording to its predictions. Saves 50 times its cost in a single recording to its predictions. Saves 50 times its cost in a single recording to its predictions. Saves 50 times its cost in a single recording to its predictions, Professors BEST IN THE WORLD!

Has an accurate thermometer attached, which alone is worth the price of the combination. This great We EATHER INDICATOR its sendorsed by the most enhinent Physicians, Professors BEST IN THE WORLD!

The Thormometer and Barometer are put in a micely finished walmuf frame, and selected the combination of the day to be the BEST IN THE WORLD!

The Thormometer and Barometer are put in a micely finished walmuf frame, with silver placed tribinnings, etc., making it is been difful as well as the study of the silver place in good order, on receipt of \$1 on sample order, and excending and tell selected and sel

CONQUEROR OF ALL KIDNEY DISEASES.



THE BEST

KIDNEY AND LIVER MEDICINE NEVER KNOWN TO FAIL.

"I had suffered to enty years with severe disease of the kidness; before using Hum's Remedy for two days I was relieved, and am now well", JOSHUA TUTHILL. "My physicians thought that I was paralyzed on one side. I was terribly afflicied with rheumatism from 1869 to 1880. I was cured by Huntz Remedy." STEPHEN G. MASON.

"My doctor pronounced my case Bright's Disease, and told me that I could live only forty-eight hours. I then took Hunt's Remedy, and was speedly current." M. GOOSFFED.

"Having suffered twenty years with kl. nov disease, nd employed various physicians without being re-leved, I was then cured by Hun's Remedy."
SULLIVAN FENNER.

"I have been greatly benefitted by the use of Hunt's Remedy. For diseases of the kidneys and urinnev or gans there is nothing superior." A D NICK ERSON.
"I can testify to the virtue of Hunt's Remedy in kidney diseases from actual trial, having been much be efficied thereby." REV E G TAYLOR. I was unable to arise from bed from an attack of kidney disease. The doctors could not relieve me. I was finally completely cured by using Hunt's Remedy."
FRANK R DICKSON.

"I have suffered extremely with kidney disease; after using Hunt's Remedy two days, I was enabled to re-sume business." GEO F CLARK. ame business."

"I sold in two years (33,120) thirty-three thousand ne hundred and twenty bottles of Hunt's Remedy. It is a valuable medicine for kidney diseases."

WB BLANDING. One trial will convice you. For sale by all

HUNT'S REMEDY CO., l rices, 75 cents and \$1 25.

istablished in 1868.



RIVERSIDE FARM HERD

POLAND AND BERKSHIRES

I warrant my stock pure-bred and competent for registry I have as good Boars at head of my herds as the country wil afford, and defy competition. Parties wishing Pigs of eith er breed of any age, or sows ready to farrow, can be accommodated by sending orders. I send out nothing but FIRS? CLASS STOCK, and warrant satisfaction. Give me a trial J. V. RANDOLPH,

Patents Secured. HK JOHNSON & CO., patent agents, Washington, D. C References: Hon J A Logan, Hon W B Allison. Send fo circular.



Garmore's Ear Drum.

2 As invented and worn by him
perfectly restoring the hearing. Entirely deaffor thirty years, he hears with
them even whispers, distinctly. Are
not observable, and remain in position without aid. Descriptive Circular
Free, CALTION Doubte developed
successful artificial Ear Drum manufactured. successful artificial Ear Drum mainted factured. -JOHN GARMORE, Filth & Race Sts., Cincinnati, O.

SUMMIT STOVE-PIPE SHELF. Improved Extension Just PficutedACENTS WANTED.
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Agent in fifty-six days.
Full particulars and lots of Agents reports, showing quick Sales and large
Froils, free. No Freight or Boxing
charges to Agents. Address at once
and secure choice territory free. J. E. SHEPARD & CO., CINCINNATI, O.

Challenge Wind Mills

Over 9,000 in actual veg a section wheel. In not one has blown do tower breaking—a record rmili can show. Mills of the section with the section of the secti







TO GROW A GOOD GROP! TO SELL AT GOOD PRICES!
This constitutes Profitable Farming! Our
Crop and Market Reports are worth ten times the
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Is simple, perfect, cheap; the Best Feed Cooker; the only Dumping Boller; empties its kettle in a minute. Over 5,000 in use. Cook your corn and potatoes, and save one helf the cost of pork. Send for circular.

D. R. SPERRY & CO., Batavia, Ill.

Monarch and Young America CORN AND COB MILLS. Only Mills made with CAST CAST-STEEL GRINDERS. Warranted superior to any in Warranted superior to any in faster, run casier, and wear long-er. Satisfaction guaranteed, Also Corn Shellers, Feed Cut-terf. Older Mills. Send ofe cir-oulars and prices; will man Agricultural Co. ST, LOUIS, MO.

AND ARREARS OF PAY TO Bollilly Union Soldiers
Reported on ROLLS as DESERTERS,
Act of August 7th, 1882. Apply to MILO B. STEVENS & CO. OFFICES: Le Droit Building, Washington, D. C.; Case Building, Cleveland Ohio; Abstract Building, Detroit, Mich.; Metropolitan Block, Chicago, III.

GOT CORNS Hofflin's Liebig's CORN CURE WILL CURE inds hard or soft corns, callouses and burions, caus-no pain or soreness, d. ies instantly, will not soil any c, a.d. never fails to effect a cure; price 25c; by manufactured only by Jos. R. HOFFLIN, Wholesale & Retail Druggist, Minneapolls, Minn.



THIS NEW GELSTONE ELASTIC TRUSS Han BATAU TRUSS
Han Dad (fifthing from all others, is cep abayo, with Self-Adjusting Ball in control, deapth itself to all positions of the body, while the Ballin the cup presses hard the Intestined in the positions of the body, while the Ballin the cup presses hard the Intestined in the Princer. With light pressure the Herniah held securely and cheap. Sent by mail, Circolan froe, DOLL ESTAU TRUSS.

EGGLESTON TRUSS CO., Chicago, III.



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### Badies' Department.

### The Christmas Time.

The merry Christmas, with its generous boards, Its firelit hearths and gifts, and blazing trees, The pleasant voices uttering gentle words, Its genial mirth attuned to sweet accords

Its holy memories.

The fairest season of the passing year,— The merry, merry Christmas time is here.

The sumacs by the brook have lost their red The mill-wheel in the ice stands dumb and still, The leaves have fallen and the birds have fled, The flowers we loved in summer, all are dead; And wintry winds blow chill:

Yet something makes this dreariness less drear. The merry, merry Christmas time is here.

Since last the panes were hoar with Christmas frost Unto our lives some changes have been given: Some of our barks have labored, tempest tossed. Some of us too, have loved, and some have lost, Some found their rest in heaven, So, humanly, we mingle smile and tear, When merry Christmas time is drawing near,

### Every-Day Heroes.

BY NATHAN D. URNER. Oh, yes; they are all around us, And in every walk of life; Heroes the best that stand the test In many an unmarked strife; Heroes of home, of shop, of farm, And at duty's call alone.

Though unaware of honor's share. And by noisy fame unblown. From a flame-girt lofty window Wild faces and hands entreat

Vast crowds, agape, that no means can shape, For aid from the icy street; When a boot-black climbs an adjacent pole And swift from its peak impels A rope of wire down the wall of fire

And the cry, "They are saved!" upswells. High waving his danger signal. The underpaid switchman speeds

Over the quivering ridge of a broken bridge, That to death and destruction leads. O'ertaxed in the headlight's glare, While but few can know what to him they owe Though he should be dying there.

Oh, yes; they are all around us, And to instance their deeds were vain, So hidden away in the crowds are they, In the paths obscure and plain; From those whose chivalry, unesteemed, Through a lonely lifetime shines, To such in the route whose acts stand out For the rest like starry signs,

And nothing is lost, though hidden That springs from heroic seed; In the larger force, and the higher course That are shaped from a single deed The environment of a mass of men May brighten and spread apace Till the deeds shall throng all paths along To the glory of all the race.

### Mental and Moral Culture.

As it is the influence of the elements, heat and cold, which keeps the air in motion, so it is by the diversity of opinions that knowledge becomes dis-seminated; and by being able to see a subject from all sides we are better able to reach a correct conclusion. Were all mankind so conditioned and constituted as to see all subjects from the same radius. we would soon reach a condition, morally, intel-lectually and socially, which even radical fanaticism would fail to comprehend. This is a self-evi dent fact. Therefore, we infer that it is right and proper for people to express their reasons for differing, since by doing so they may benefit others. Nor should they be regarded as egotistical, since none of us are capable of divining the motives which ac

Is morality a result of or attributable to intelli gence? Since intellectual development does not necessarily produce morality, we must regard it as originating from another source. And while mental culture enables us to more fully comprehend the harmony of nature's laws, there must be a motive power, a moral force to prompt men to live in har-mony with these laws. This is a knowledge of the revealed will of heaven, and a desire to perpetuate our existence beyond this life. Infidelity and im morality result, not from a lack of intelligence, bu from a misrepresentation of the revealed will by its teachers. And while mental culture does enhance our susceptibility to enjoyment, we are indebted to our moral culture for the naurte of that enjoyment, And while moral culture is designed to make man free, self-governors, mental culture, alone, does not elevate him, nor prevent him from debasing him-

Usage governs the formation of language. As ideas and thought develop, words are found to express them; and frequently where a thought cannot be expressed in our own language, words from foreign languages have been chosen, and incorporated into our own. And though the word Fiction is represented as meaning the opposite to Fact, usage demands a deviation or modification. Usage classes as fiction, a large per cent, of literary productions which are neither false, nor untrue, being the embodiment of true characters, or true principles in a fictitious form or dress, as it were. Now, since usage does apply the word fiction to this form of literaan neither be said to be false, or un true, in an extreme, or radical sense, we can not, consistently condemn as false or evil every work which is called Fiction. It is the interpre placed on the word by the compilers of the diction ary which condemns it. (Hence, we can see why revision of our standard at intervals becomes neces sary). Nor can anyone writing under a fictitious name be, for that reason, deemed as false. Nor need you think your humble friend is false because she signs her name FICTION.

### Make Home Happy.-Presents.

I am glad to see the ladies take up their pens again, Yes, Mr. Editor, we have our busy seasons, and I think the fall and before Christmas is the busiest time. There are so many little things to take up the time. Every one expects something at Christmas; and as tew of us have the means to buy presents, we must make something to make the little ones happy. Make warm mittens for them. If you have no yarn to knit them, take a piece of thick cloth and make them, bind around the wrist with braid. They are warm, and if neatly made, look well. Make the little girls cloth leggings to wear to school. Make them just like a buttoned shoe from the instep up, only make, them buttoned shoe from the instep up, only make them long, with seam back and front, and a piece to over to one side and button. Scollop the edge of the piece; in each scollop work a buttonhole. Bind all around with braid. They are so comfortable, and pretty, too, when neatly made.

How pleasant we can make the winter evenings when we try. Let us all try to make home pleasant and raise our boys and girls so that they will think there is no place like home. Furnish them books and papers, and have them read aloud. Talk to them of what they have read, and they will be more DULCIE MAY. interested in their reading.

Ought Women to Vote?

For months I have been haunted by the though hat I had a call to say something to my sister farmers, through the Ladies' Department. In vain I have told myself that I had no time for letter writing, like Banco's ghost, "that call" would not down It has been a thorn in my pillow by night, and a goad to my spirit by day, until in sheer desperation 1 here doff my dust cap, and make my bow.

I would like to aid my sisters in the discharge of their varied domestic duties, by relating the result of some of my experiments; but as they have never aided me, I hesitate to offer them. I am grateful however, to my practical sisters, for their sugges tions, recipes &c, and if I could take them each the hand, and exchange mutual thoughts and experiences with them I might be able to make some small return for the good their letters have done me but Pegasus is a mule when I attempt to ride.

It has been proposed that we discuss the question of Woman Suffrage, in the Ladies' Department Now, Mr. Editor, you need not cast your eyes about for that waste basket, for I have no fear of it. It is only one of the many bugbears you men have invented to frighten us into silence; or, at best, into

brevity—two things alike impossible.

I have read that many centuries ago, a certain crusty old bachelor named St, Paul enjoined it upor voman to keep silence in the churches, and the ves tiges of that command are clinging to us still, though happily, woman is no longer silent in the churches. Her influence, and quick perception of right, are too highly appreciated in such organizations, to be any longer ignored. If I am not mistaken, she now enjoys equal rights with her brother, both by voice and by ballot, in the church. That is one gained. And has the church lost anything of its prestige by it? Has she lost aught of her womanly nature? Nay, it has been a mutual gain. So, also, will the right of universal suffrage be a mutual gain to the giver, and to the receiver. I can not see that by introducing woman into politics she will be degraded, or the standard of her virtue lowered, as many claim. If it be true that the politics of ountry is so corrupt that it degrades a class of her citizens by conferring upon it the right of suffrag then it is high time that it was revolutionized. It is high time that a new element, enjoying a highe standard of morality was introduced into it; and have that abiding faith in the strength and purity of woman, that I believe she will be able to revolutionize it, and introduce into it an object above that of mere self aggrandisement. She is not a politician by nature, and certainly, she is not one by education, for the flaming sword of unequal justice has warned her that this is forbidden ground.

But the press of to-day, aided by the words of many earnest women, is pressing the subject home to her, and she is gradually opening the door of her mind to this unaccustomed visit, and grasping it as a living issue. I own that I have pronounced views on this subject. I cannot see that the right of suf frage is outside woman's sphere, or alien to her vocation; nor can I see that it will in any way unser her. By extending her sphere of action, it will bu strengthen her character, and give fresh food for thought which will, in turn, enlarge her vision, and give vigor and tone to her mind. Qualities, which have heretofore been dormant, will be drawn out by the exigencies of the occasion, giving a ess and completion to her life never before attained. There are many questions submitted to ballot which have little interest for her; some which have great interest, such as prohibition, the licensing of certain immoral traffics, &c. But the question of the most vital importance, and the one we base the reasonableness of our demand, is that of taxation. A, by no means inconsiderable number o women are property-holders, and, of course, subject to taxation, but they are denied a voice in establish ing the rate of that taxation. This is an injustice that ought to be righted. A gentleman once said to me, that when women get to yoting men will lose all chivalric devotion to them. Small loss, I fear, when they have not the manliness to grant them an inal ienable right. Peabody, Kansas.

### From Englishwoman.

I scarcely know what contribution to send. I was glad to see how to make pumpkin ples. I have found powdered alum a very simple, but sure cure for chil-dren's coughs. A London Physician charged \$5.00 to tell it. It is especially good for whooping cough. A tell it. It is especially good for whooping cough. A few grains of powdered alum put on the tongue immediately after a fit of coughing, soon relieves an in fant, the dose to increase as the age increases. A milk diet should be avoided, and the bowels kept well open. I had four girls with whooping cough at one time, and we cured all in that way. My cucumber and bean pickles (in spiced vinegar

do not keep well here, although, at home, I manage to keep them good, without mildew, for two years sometimes. Can any lady suggest the cause?

I find batter pudding very good made as follows: 4 eggs, 4 tablespoonsful of flour, half a teaspoon each of salt and soda, 11/2 pints of milk, 2 ounces of butter, Warm the butter in a pint of milk. To the flour add the salt and soda, mix with 1/2 pint of cold milk then add the warm milk and butter, and lastly, the well beaten eggs. Pour all into a greased tin and bake quickly. Eaten with sugar, or jam, or gravy, it is very nice

We regret to learn that Gov. St. John was not reeleted, because we believe in the benefit of banishing the drink trafic from the land, for the sake of al who cannot resist temptation, especially our chil

We do not wish it to be thought that we undervalue the importance of regulating the tariff on our rail-ways; we consider it bad policy in every way, and most unjust, that the railroad companies are allowed to impose upon farmers or any others; we do hope that the new Governor will use every effort to bring this question to a happy issue. Englishwoman.

### This is Wybel.

I have been thinking for some time that unless we take more interest in our department of the paper the editor will become discouraged, and regret have ing made us such a kind offer for the next year. have been negligent in writing. (I would rather read than write). My time has been taken up in household affairs and the care of a sick babe. have read and enjoyed the letters, and wished there were more. This week's paper gives a more cheering prospect for the future. The letters were al good. Mrs. Walters, gives good advice. I feel sorry for the little, half-dressed children, and often wo der how so many ever live through babyho dress my little one, thirteen months old, in dark flannel dresses, long enough to come to the top of her shoes, and long, gingham aprons; her stockings are woolen and come up over her knees, and often when I take her off of the floor her little feet are cold, I have a goed, tight floor, and paper under the carpet and always place a blanket or rug where she plays—she cannot walk. I often wonder how the little ones fare that do not have this attention, Thunksgiving is past and Christmas about here. I will make my fruit-cake to morrow; will give the recipe as it is good. We all know that fruit cake is better the longer it stands.

One pound brown sugar, one of butter, one of eggs. one of flour, two of raisins, two of currants, half pound citron, one nutunes, tablespoon of ground cloves, one of allspice, one cup molasses, and two teaspoons full baking powder. Ten eggs make a pound.

A merry Christmas and a happy New Year to the dress my little one, thirteen months old, in dar

A merry Christmas and a happy New Year to the editor, ladies and friends.

### How Shall I Make It?

For some time I have been trying to contrive some way to make a cover for my plano stool, and I de cided to write to the Ladies' Department and see if some kind friend could tell me how.

A. V. Brown.

### How To Keep Onions.

Many complain that onions do not keep. The trouble is in keeping them too warm. The onion is a bulb, a plant at rest, and the least warmth starts it into activity. It is much better that onions should remain frozen through the winter, provided they can thaw gradually, than to be put into a cellar or other warm place where their vegetating powers will be aroused. If put in large heaps, onions will be sure to spoil, but if spread in thin layers and covered with hay or straw, so that if frozen the thawing will be gradual, they will keep well through the win ter. It is the custom with onion growers to get their crop to market as soon as possible. If they were to provide proper storage they would realize much nore from them when sent to market later in the

### Wonderful Improvement.

"I had been sick with a cold and the worst cough I ever had in my life, for about five weeks. Expec orated every morning a tough, yellow matter, streak ed with blood. In about three days after I commenced inhaling Compound Oxygen, the cough, raising of bloody matter, and that awfully distressed feeling, as if a cord was drawn across my chest and a weight put on, were all gone. The rapidity with which have improved in breathing is wonderful." wish to know all about this curative agent of which our correspondent writes, send for our Tre Compound Oxygen. It will be mailed free.

DRS. STARKEY & PALEN. 1109 Girard St., Philadelphia, Pa.

Mr Edward Atkinson, of Brookline, is keeping three cows on what he raises from one half an acre of land The system of ensilage does it.

Nervousness, debility, and exhausted vitality cured by using Brown's Iron Bitters.

Cotswolds take first place for crossing with the com-mon sheep of America: they will at first cross in crease size, wool and value on common sheep.

### Strange, Indeed it is Strange.

That so many people will buy anything called Baking Powder because it is cheap, or because a gift or prize comes with it, when the powder itself is a compound of alum and other base ingredients just suited to ruin the health of all who make use of it. Strange, we repeat, that any intelligent people should use in their food things known to be hurtful, when by using Leis German Baking Powder they have that which is perfectly pure and healthful.

Pea straw is more valuable as fodder than the straw of any of the cereals. If well saved it make capital fodder for all descriptions of domestic ani

### My Wife,

for over three years, has been afflicted with chills and fever, contracted in Illinois, and with dyspepsia of long standing and a general debility of the system She has used three bottes of Simmons Liver Regula or:-her chills are entirely cured and the dyspepsis almost vanquished. N. W. EVERHART, Hampton, Va.

Genuine prepared only by J. H. Zeilin & Co.

Four million acres of Texus lands were recently ourchased by J. R. Walcott and others, of Minneap olis, representing a syndicate for agricultural and grazing purposes.

For five cents, Wells, Richardson & Co., Burlington, Vt., will send colored samples of all colors of Diamond Dyes, with directions.

Weed out your stock and get rid of the poor milch and butter cows. The profit in a dairy comes wholly from the good cows, while the poor ones not only do not pay for their keeping, but they reduce the profit made by the others.

### Voice of the People.

R. V. FIERCE, M. D., Buffalo, N. Y.: I had a serious disease of the lungs, and was for time confined to my bed and under the care of a phy sician. His prescriptions did not help me. I grev worse, coughing very severely. I commenced taking your "Golden Medicai Discovery," and it cured me Yours respectfully, Hillsdale, Mich.

New Baden, a German colony in Robertson county, Texas, is not a year old, but is very flourishing The people, 150 in number, are mostly agricultural. They have a church and a school house, but there is not a liquor-shop within several miles of the place.

### Get Rich.

When Hops are \$1.25 per 1b. as now, an acre will yield \$1,930 profit, and yet the best family Medicine on earth, Hop Bitters, contain the same quantity of Hops and are same price fixed years ago, although Hops now are twenty times higher than then. Raise Hops, get rich in pocket; use Hop Bitters and get rich

Keep the fattening pigs thriving. There is yet a profit between the price of western corn meal dead pork. Push them fast and finish them off before the weather gets too cold. Feed them nothing but good, clean, healthy food. Sweet, clean food makes sweet, healthy pork.

Pierce's "Pleasant Purgative Pellets" are perfect preventives of constipation. Inclosed in glass bottles, always fresh. By all druggists.

It is said the whip is never used for horses on Gov-ernor Stanford's stock farm, at Palo Aito, California; and not only is this forbidden, but an angry word by any of the men is followed by instant dismissal There are on this farm 537 head of horses, nearly all yearlings and two-year olds.

### Don't Die in the House.

Ask druggists for "Rough on Rats." It clears out rats, mice, bed bugs, roaches, vermin, flies, ants. insects. 15c per box.

An Illinois farmer gives an Eastern writer for the New England Homestead the following directions for curing galled shoulders in horses, and says that it is in infallible. Take old leather and burn it to a crisp; rub the ashes on the galled part; a few applications will effect a perfect cure. A new work horse put to the plow this spring received several several galls on both shoulders. A few applications of the burnt leather made them as sound as if never injured, and no scar is now seen.

Stark Nursery. 48th year. 200 acres. Cat-alogues free. Intending purchasers will do well to get their orders book-ed early; trees for spring being scarce throughout the country. STARK & CO., Louisiana, Mo.

OUND CITY POULTRY YARDS, breeder of high-class thoroughbred Poultry. Plymouth Rocks, Light Brahmas, Buff Cochins, and American Sebrights. All of the finest stratus in the country. Send for circular and price list. Address S. L. IVES, P. M., Mound City, Kas.

SPLENDID: 50 Latest Style chromo cards, name, in case, 10c. Premium with 3 packs.

E. H. Pardee, New Haven, Conn.

### SPECIAL CLUBBING RATES.

For \$2 we will send the KANSAS FARMER and the Konso Gity Price Current, one year; or the FARMER and the Breed er's Gazette, one year for \$3. By this arrangement two good pipers can be secured for the price of one

### Advectisements.

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

### DR. A. C. GIBSON'S COUGHSYRUP

This COMPOUND gives QUICK RELIEF in Coughs, Colds, Sore Throat, Hoarseness, Croup, Soreness of the Lungs from Coughing, Pneumonia, Pleurisy, Bronchilit, Catarrh, Asthms, Whooping Cough, Messles, and Consumption. Laboratory 1223 Grand Avenur. KANSAS CITY, Ma Sold by all Druggists. \*\* Frice only 25 Cents.

\$5 to \$20 per day at home samples worth \$5 free Address Stinson & Co., Portland, Me. sure cure for epilepsy or fits in 24 hours. Free to poor. Dr. Kruse, 2844 Arsenal St., St. Louis, Mo. \$72 A WEEK. \$12a day at home easily made Outfit free. Address TRUE & Co.. Augus \$66 a week in your own town. Terms and \$5 outfit free. Address H. HALLETT & Co.. Portland, Me.

Spalding's Commercial allow) HANSAS CITY, Mo., J.F. SPAIDING AMPRIEST In this Microscie D. Rode
at July 190
Allen of the Grant we ChromoCards (Dr. 14 phs. 81
Allen of Samples, President List, & Blank Cards at
wholesale, NORTHFORD CARD WORKS, Northford, Conn.

And steropticons. All prices. Views illustrating every sub-lect for public exhibition, etc. £3; A profitable business for u man with small capital, ABO Lanterus for home unusement. He page illustrated catalogue free. MCALLIS-ren, MTg Optician, 49 Assau street, New York.



to attach to any kind of Wind Mill. Guaranteed to be the most successful wind mill Grinder in the market. Large reduction in price to the purchaser of first Grinder in new localities where I s. Every Grinder fully warranted. Libon agents. Write for circular and prices, ed by L. M. DEVORE.





AGENTS WANTED EVERYWHERE to sell the machine ever invented. Will knit a pair of ting Machine ever invented. Will knit a pair of stockings with HIEEL and TOE complete, in 20 minutes. It will also knit a great variety of fancy-work for which there is always a ready market. Send for circular and terms to the Twombly Knitting Machine Co., 183 Tremont Street, Boston, Mass.



### Queen the South FARM MILLS

For Stock Feed or Meal for Family use.

10,000 IN USE.
Write for Pamphlet. Write for Pamphiet,
Simpson & Gault M'fg Co.
Successors to STRAUE MILL Co.
CINCINNATI, O.



ith name or name and address and numbers. It is, cheap and convenient. Sells at sight and give satisfaction. Illustrated Price-List and sample trans wants.

c. H. DANA, WEST LEBANON, N. H. Out of Debt: Happy Homes.

## Jefferson county, Kansas, don't owe a dollar. County Map, statistics, price of land, etc., free. Address Metzger & Insley, Oskaloosa, Kas.

FLORIDA! Florida Land and Improvement Co.

### "DISSTON PURCHASE." 4,000,000 ACRES

C. L. MITCHELL, Fort Meade, Fla..

The Florida Laud and Improvement Company, owning nearly 300,000 acres in this Agency, have announced that their lands will be thrown open for sale at Government pri-ces (\$1.25 per acre) f om OCTOBER 1, 1882, UNTIL MAY 1, 1883

This rare opportunity of securing desirable locations for orange Groves and other semi-tropical fruits, at nomina prices, will never occur again. TAKE ADVANTAGE OF IT WHILE YOU CAN As owner of the Sunnyside Nursery, I will supply all varieties of Trees, Plants and Seeds. I plant Orange Groves enter lands, pay taxes and attend to all other business fo non-residents. Correspondence solicited.

### IT LEADS! And Stands Unrivalled



An 8-page weekly, published in the very heart of the live-stock region of the continent. The only live organ of the Stock, Agricultural, Ranch and Commercial interests of the Great New West. ITS MARKET REPORTS

are copied by all the leading journals in America, while its articles on LIVE-STOCK & AGRICULTURAL TOPICS

are endorsed by Farmers, Breeders and Ranchmen SUBSCRIBE FOR IT! ONLY \$1.50 PER YEAR.

SAN THE COPIES FREE. The Indicator.

KANSAS CITY, MO.

THIS N. Y. SINGER \$20 With \$8 set of Attachments \$20 FREE. Warranted perfect. Light running, quiet, handsome and durable Sent on test trial-plan when desired HAPPY HOME ORGANS: 4 set ctave coupler. 2 knee swells, with \$3 tool and \$1 book, ONLY \$75. Also durable is and out. Circular, with testimonials, free. Ask G. PAYNE & CO. 47 Third Avenue, Chlengo, Ill.



A SURE CURE FOR

Sick Headache, Dyspepsia, Langour, Nervous Exhaustion arising from overwork or excess of any kind,

### Female Weaknesses.

Malarial Poisoning and Fever and Ague, And is a Specific for Obstinate

### CONSTIPATION. PRICE \$1.00 PER BOTTLE; SIX FOR \$5.00

SOLD BY DRUGGISTS EVERYWHERE.

HOPKINS' IMPROVED FARM and STOCK SCAL, F.
Manufactured at
Thorntown, Ind.,

HOPKINS' SCALE COMPANY An 8 Ton Scale, with a 20 foot Platform for \$100

Other Scales in Proportion.

A WORD TO THE PUBLIC. A WORD TO THE PUBLIC.

It is now more than two years since we began manufa. It is g Farm and Stock Scales at Thorntown, Ind., under the patents of W W Hopkins, the was to produce an accurate, durant other scales. The patents of the scales at the produce an accurate, durant other scales. Being aware that be usually paid in the patents of the scales. Being aware that cheap scales had been thrown out before the public we also desired to avoid anything like an isnitation of them in fraud or deception. Our scales, therefore, are made of honest material and honest labor throughout their entire construction; and are built according to true sclentlife principles.

We use no wooden beams in our scales, but iron beams with steel pivots and brass graduated beams, with brass sliding poise weights polished and indexed in good style. We turnish a beam pillar or case with each scale, made of seasoned lumber dressed, painted with two coats rubber paint, bought of Krauss & Bradshaw, and lettered in a plain, handsome manner.

We now have seles in operation in Ohio, Indiana, Illi-

paint, bought of Krauss & Bradshaw, and lettered in a plain, handsome manner.

We now have so-les in operation in Obio, Indiana, Illinois, Kansas, Iowa, Arkansas, Fennsylvania and Missouri.

Our scales are warranted for a term of the years from data for shipping about the cars at Thorntown, and furnish a reliable mechanic to set up the scale for each customer at reasonable charges, or we furnish drawings and directions that a mechanic at your place can erect the scale. If you contemplate buying a scale, you should see our term and prices first. We subjoin a few testimonials from our patrons. The original of these can be shown on demand. Every ery one of them is original unliased testimony. Address the Thorntown, Boone county, Ind.

Testimonials.

Testimonials.
Rensselear, Jasper Co., Ind., Sept 9, 1882. Hopkins Scale Co—
Dear Sirs—The Stock Scales which we bought of you gives entire satisfaction in all respects. Can see no single point in which it is not equal to any of the high-priced scales.

Yours truly,

Courtovs & Datton,

Courtovs & Batton,

Sept 8, 1882. Crawfordsville, Ind., Sept 8, 1882.

Mr. Hopkins:

Dear Sir—The scale is giving good satisfaction. We buy and sell off of them. We think they are correct, at least, I am satisfied.

Yours truly,

Crawfordsville, Ind., Sept 9, 1882. Crawfordsville, Ind., Sept 9, 1882.

Brother Hopkins:
My scale is working all right and I am satisfied with them as far as tried.

S M HUTTON.

as far as tried.

Tipton, Tipton Co., Ind., Sept 11, 1822,

Hopkins Scale Co., Thorntoun:

I am well pleased with my scales. I believe them to be superior to the Fairbanks. I have an interest in a three-ton Fairbanks which cost \$135. In weighing a bunch of cattle at one draft, then weighing each animal separately, the sem of their weights would vary fifteen or twenty pounds, while on the Hopkins Scale they are the same, besides having a wider platform, they are handler, as I can weigh any kind of a wagon load on them without taking off the frame except for hay.

Yours truly, W G Nash,

Our new catal logue will tell you how safely, easily and cheaply you can buy

clothing for men or boys by mail. Send your ad

dress, and we will forward it W

by return post. Wanamaker & Brown. "his Hoal Oak Hall, Sixth and Market Sts., Philadelphia.

Kills Lice,
Ticks and all
Parasites that
infect Sheep.

Vastly Superior to
Tobacco, Sulphur, etc.
This Dip prevents escatching
to dig really hoprove the quality
ay of the word. From one to
No gallons of the Dip propstry dillines was a seat of dipping as never to phur, etc.

The Dip precents scatching
adgreatly improves the qualy of the wool. From one to
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A Leading London Physician establishes an Office in New York for the Cure of



### THE STRAY LIST

HOW TO POST A STRAY.

BY AN ACT of the Legislature, approved Feb 27, 1886, section 1, when the appraised value of a stray or strays exceeds ten dollars, the County Cierk is required, within ten days after receiving a certified description and appraisement, to forward by mail, notice containing a complete description of said strays, the day on which they were taken up, their appraised value, and the name and residence of the taker up, by the kansas Fanken, together with the sum of fifty cents and the name and residence of the taker up, by the kansas Fanken, together with the sum of fifty cents and the published in the Fanken in three successive is a sum of the published in the Fanken in three successive is the sum of the published in the Fanken in the rule to be kept on file in his office of the Kansas Fanken to send the paper free of cost, to every the inspect of the persons interested instrays. A penty of fronce the of the persons interested instrays. A penty of the peace, a County Clerk, or the proprietors of the Rimera for a violation of this law.

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

Broken animals can be taken up at any time in the year. Unbroken animals can only be taken up between the list day of November and the list day for hypril, except when found in the lawful enclosure of the taker-up, No persons, except citizens and householders, can take up a stray.

a stray.

If an animal liable to be taken, shall come upon the premises of any person, and he falls for ten, days, after being not tided in writing of the fact, any other citizen and house-holder may take up the same.

Any person taking up an estray, must immediately advertise the same by posting three written notices in as many places in the township, glying a correct description of such stray.

places in the township, glying a correct description of sensitives.

If such stray is not proven up at the expiration of ten days, the taker-up shall go before any Justice of the Peace of days, the taker-up shall go before any Justice of the Peace of days, the taker-up shall go before any Justice of the Stray was taken up on the sensitive stray was taken up on the sensitive of the same and the tendence of the same and the cash value of such stray was taken up on the same and its cash value. He shall also give a bond to the state of double the value of such stray.

. He shall also give a bonu to the state of days from the most of such stray.

The Justice of the Peace shall within twenty days from the meanch stray was taken up, (ten days after posting) make uit and return to the County Clerk, a certified copy of the ex-ription and value of such stray. If such stray shall be valued at more than ten dollars, it hall be advertised in the Kansas Farmer in three successions.

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.

twelve months after the time of taking, a competent veat 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, aummons 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.

heir appraisement.
In all cases where the title yests in the taker-up, he shall asy into the County Treasury, deducting all costs of taking ap, posting and taking care of the stray, one-haif 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 salue or such stray and be subject to a fine of twenty do-salue or such stray and be subject to a fine of twenty do-

Strays for the week ending Dec. 6, 1882 Leavenworth county-J. W. Niehaus, clerk.

COLT-Taken up by Davis & Brother, in Straugertp, Nov., 1832, 1 chest...ut sorrel mare colt, 3 or 4 yrs old, star in prehead, and both feet on left side white to hock joint; ovelnest, and both feet on left side white to hock joint; rather it is a considered a few of the constant of t

Brown county-John E. Moon, clerk Brown county—John E. Moon, clerk.
Taken up by TA Pingard, in Robinson tp, Oct 23, 1882,
the following described (5) animals, viz.
STEKR—1 3 yrs old speckled steer, no marks
STEER—1 3 yrs old speckled steer, no marks
STEER—8 yrs old white steers, 2 yrs old, cars cropped
STEER—13 yrs old brown steer. All valued at 890
COW—Taken up by C L Carroll, in Robinson tp, Nov 11,
1882, 1 red roan, cow, 7 yrs old, IX on left hip, underbit in
right ear, L backs of left shoulder; valued at 816
STEER—Jaken up by Wm Lewis, of Padonia tp, Oct 27,
1881 I paie red 1 yr old steer, swallow fork in left ear, crop
off right car; valued at 815

Douglas county-N. O. Stevens, clerk. iderpen.—Taken up by Geo Hibert in Clinton tp Nov 16
1832 I roan 2 yrs old helfer; valued at \$15
Ponv—Taken up by C W Thompson in Clinton tp Nov 3
1832 I bay mare pony 12 yrs old white spot in forehead collar marks; valued at \$18
Mules—Taken up by J A Day in Palmyra tp Nov 4
1882
1 small black horse mule 4 yrs old white spots on neck; valued at \$16

Riley county-F. A. Schermerhorn, clerk.

Wyandotte county—D.R. Emmons, clerk. COW. Tayen up by John Dauback of Shawnee towh hip I red cow with white face line back white tail and some white on belly 6 or 7 years old crop and underbit in right ear and crop out of the left right hip broken down. Valued at \$15

Miami County—B. J. Sheridan Clerk.

SOWS: Takon up by Jas. McDowell in osage township three sows black and white spotted two of them have pigs one 4 and the other 5. Valued at 35 to of them have pigs one 4 and the other 5. Valued at 35 to other 10 township Nov. 10 1882 1 brown filley small size star in forehead 3 years old. Valued at 340.

MARE. Also taken up by Lewis Williams in Mound township Nov. 7 1882 one roan mare 4 years old white spot in forehead lumps on both hind ankles resempling ring bone branded on left shoulder U. C. K. or something resumbling those letters or a Texas brand. Valued at \$25.

HEIFER. Also taken up by Joseph Bones Mound township Nov. 11 1882 one light brown heifer 1 year old star forehead white on belly both hind feet white. Valued at \$15.00.

HEIFER. Also taken up by M. S. Bush in Vacut at 1850. Miami County-B. J. Sheridan Clerk.

HighFart. Also taken up by M. S. Bush in Mound town-olip Nov. 4 1881 one yearling red helfer white on belly spot in forehead and of tall white. Valued at \$12. th. Hril'sr. Also taken up by Byron Lockhart in Mound waship Nov. 44 1882 one yearling roan helfer valued at winship Nov. 14 1882 one yearling roan heifer valued at '\$12. SPEER. Also taken up by N. W. Duffield in Marysville township Nov. 4 1882 one light roan steer branded with H on left hip 2 years old. Valued at \$30,

Jofferson County. J. R. Best, Clerk.

MARE Taken up by Renedix Myers in Delaware township Nov 23 1832 one bay mare about 2 years old past white atrip in face a bad sar on right shoulder supposed to be caused by barbed wire legs from knee downs dark no 'rands perceivable, Valued at \$20.

17 COW Also taken up by C. z. Diehl in Kaw township on Xov 294832 one blue roan cow branded on right hip one born-broken off about 8 years old Valued at \$15.

Wabaunsee County, D. M. Gardner, Clerk.
STEER Taken up by Nich Aner in Farmer township or
Nov 7 1822 one small red and white spotted steer one year
ild no marks or brands Valued at \$14 Lyon county-Wm. F. Ewing, clerk,

Lyon county—Wm. F. Ewing, clerk,
HRIFER Taken up by HF Berry of Waterloo township
on Nov 7 1882 one light roan heifer 3 years old small in size
crop off of left ear and underslit in right ear. Valued at \$15
STERK Taken up by G C Sweet of Waterloo township
on Nov 22 1882 one three year old steer color blue and white
an indistinct brand on right hip. Valued at \$30
HRIFER Taken up by Van McCulloch of smporia township on Nov 17 1882 one red roan yearling heifer brand 1 on
ieft hip and valued at \$12 Strays for the week ending Dec. 13, '82.

Neosho county-A. Gibson, clerk.

Jackson county-John Q. Myers, clerk Jackson county—John Q. Myers, clerk
ER.—Taken up by H B Bair of Grant tp. Nov. 13 1882,
det and white vearling steer, face white, more white on
sump than or right, white along back, some white on
ind legs, no other marks or brands; valued at \$15.
STEER.—Taken up by L N Gldeon of Washington tp.
Nov. 16 1882, one white steer, 2 years old, part both cars off,
supposed to have been done by dogs; valued at \$25.
STEER.—Also by same, one red and white svotted steer,
2 years old, marked with a notch in bottom of each ear;
valued at \$25.
COLT.—Taken up by Henry Volkel of Franklin tp. Nov.
25 1832, one bay 2 years old, horse colt with star in forehead, white spot on pose and one hidd foot white: valued

25 1832, one hay, 2 years old, horse colt with star in forehead, white spot on nose and one hind foot white; valued at \$65.

COLT—Also by same, one bay mare colt, with star same as the horse colt, in forehead; valued at \$60.

COLT—Also by same, one bay, mare colt, one year old, no marks or brands on any of said animals other than stars.

no marks or brands on any of said animals other than stated.

COW—Taken up by F M Cisco in Grant tp, Nov, 23 1882 one white cow 3 years old, the point of right ear off and a slit in the left ear, no other marks or brands; valued at \$19;

HEIFER—Taken up by Martin Fickel of Grant tp, Dec. 12883, one two-year-old roan helfer, branded with letter "I" on left hip no other marks or brands; valued at \$16.

HEIFER—Taken up by Jonathan Ray of Grant tp, Nov. 27 1989, one white helfer one year old, underbit off left ear, do no other marks or brands; valued at \$12.

do

the

Labette county-F. W. Felt, clerk.

Labotte county—F. W. Felt, clerk.

STEEL—Taken up by C F Banzet of Elm Grove tp. Nov
q 18 1882, one st.ver 3 years old, medium size, color brown
branded on left hip, (certificate—n't say what brands is;
b, valued at \$20.

PONY—Taken up by Geo H Goodwin of Elm Grove tp.
in Nov. 18, one black Norse pony, 3 years old, branded on left
high with letters A. ', both hind feet white, white in face,
of leaser on left fore foot, a bod all around; valued at \$20.

COW—Taken up by A lien McNeal of Hackberry tp, Nov.
9 4889, one medium sized brown and white cow, branded on
both hips with letters B B, blind in both eyes; valued at
\$12. #12: HTERR—Taken up by I M Layton of Hackberry tp; Nov. 1 5 1883, one white and red spott ed steer, 3 years old, branded

on left hip, certificate don't say what brand is valued at 12, STEER—Also by same, one pale red steer, medium size, years old, brand as above, valued at \$12, STEER—Also by same, one medium sized steer, color eep red, branded as above; valued at \$12,

Lyon county-Wm. F. Ewing. clerk.

Chautauqua County -- C. M. Knapp, Clerk,

COLT—Taken up by A W Lord of Lafayette tp. Nov 1 1882, one sorrel mare colt. 2½ years old, star in forchead, about 66 inches high; valued at 835 COLT—Also by same, one bay colt 2½ years, bald face, two white feet, about 66 inches high and has saddie marks; valued at 835 COLT—Also by same, one brown colt 1½ years old, gray spot in forchead; valued at 820 HEIFER—Taken up by J D Gartan of Lafayette tp, one mooley helfer 1½ years old, light red roan, red ears; valued at 812 50

mooley helfer 15; years old, ingn. red vom., see an 4812 50
HELFER—Taken up by L.J Wiley of Summit tp., one red and white spotted helfer, yearling, swallow fork in left car scar on right side, looks like letter T, no other marks of brands perceivable; valued at \$17
STEER—Taken up by E R Ellexson of Summit tp., one white steer supposed to be 3 years old, no marks or brands white steer supposed to be 3 years old, no marks or brands white steer supposed to be 3 years old, no marks or brands white steer supposed to be 5 years old, no marks or brands.

Crawford county A. S. Johnson, clerk Crawiora county A. S. Johnson, clerk.

HORSE—Taken up by Perry Row of Baker tp. one brown horse about three years old with one white spot on forehead and one white strip on nose

MARE—Also by same, one brown mare about 4 years old white spot on forehead and a little white behind the left ear and both front feet have a crease up the center of hoofs; both valued at \$100 Jefferson county-J. R. Best, clerk.

Jefferson county—J. R. Dost, Clerk.

HEIFER—Taken up by Patrick McCarty of Rock
Creek tp, Dec 5 1882, one yearling white heifer, no marks
or brands; valued at \$22

HEIFER—Taken up by N M Eirod of Rock Creek tp.
Dec 5 1882, one dark red iwo year old heifer, star in forehead and white between her fore legs, no brands; valued at

Franklin county-A. H. Sellers, clerk. STEER—Taken up by H T Stith of Harrison tp, Nov 2 82, one red and white spotted steer, 1 year old: valued a HEIFER—Also by same, one roan helfer, 6 months old:

Coffey county-R. H. Adair, clerk.

FILLEY—Taken up by U Coy of Pottawatomie tp. Nov 1. 882, one dark roan filley, 2 years old, no marks or brands issz, one durk roan inter, z years old, no marks or brands; valued at \$25 HEIFER—Taken up by E J Ford of Pottawatomie tz, Nov Iz 1882, a red and white spotted helfer, 3 years 0.d, red neck and ears, supposed to be branded Z 02 left hip; valued at \$18,00 JIK1PER—Taken up by John McLean of Liberty fp, Nov 10 1882, one pater ling helfer, roan, with white tail; valued at \$13.00

IEHPER—Taken up by Alex Craig of Pleasant tp, Nov 14 1882, one pater red yearling helfer, with white face, no marks or brands; valued at \$15

STEER—Taken up by E P Grandstaff of Pottawatomie tp, Nov 11 1881, one yearling steer, white, with dim brand on left hip; valued at \$12

COW—Also by same, cow, 5 years old, red and white, crop off left ear, split in right ear; valued at \$15

COW—Also by same, rome white on belly anon tp, Nov 13

882, a red roan steer, some white on belly anon tp, Nov 13

882, a red roan steer, some white on belly anon do ftail; 2 years old, no marks or brands; valued at \$30

CALY—Taken up by James Day Long of pleasant tp, Nov 25 1882, one red and white spotted bull calf, 1 year old, white in face, no marks or brands; valued at \$30

STEER—Taken up by F G Richey of Pleasant tp, Nov 27 1882, one small red and white steer, 1 year old, branded indescribable on left hip; valued at \$12

IREIPER—Taken up by T L Williams of "Hampden tp, Nov 27 1882, one 2 year old helfer, mostly red, white on belly, white specks on the hips, crop off right ear, swallow fork in left ear; valued at \$20

IREIPER—Taken up by Sam! Hodges of California tp, Nov 21 1882, one yearling helfer, good sized body, white on help and the calf and neck, large white spot on forehead; valued at \$15.00

STEER—Taken up by J M Allen of California tp, Nov 18

STEER—Taken up by J W Allen of California tp, Nov 18

315.00
STEER—Taken up by J W Allen of California tp, Nov 18
1882, one red and white yearling steer, no marks or brands;
valued at \$18
HEIPER—Taken up by Jacob Houser of California tp,
Nov 27 1882, one 2 year old heifer, red and white, head and
neck read, small droopy horns, no marks or brands; valued
at \$15 Nemaha county-Joshua Mitchell, clerk.

STEER—Taken up by John McCoy of Caploma tp. Nov (
1882 one light red steer, I year old, some white; valued at 1882 one light red steer, I year old, some white; valued at \$12.00 streEm—Taken up by Lewis Lohmuller of Mitchell tp, Nov 2 1882, one light red 2 year old steer, with white around body and some white in mace, two-thirds of tail white. thin brand on right hip, underbit in right ear; valued at \$25 miles a uguestiae of Richmond tp, Nov 14 1882, one up and while suggestiae of Richmond tp, Nov 14 1882, one up and while suggestiae of Richmond tp, Nov 15 1882, one up and while steep the steep of the transition of the steep of lo 1882, one pair to right side and hip, supposed to be ten years old; valued at \$25.00 cow—Also by same, one dark red cow with some white spots, no marks or brands, supposed to be 4 years old; valued at \$28.—Taken up by John A Pool of Wetmore tp, Nov 9 1882, one red heifer, 1 year old, indistinguishable brand on left hip, crop off left ear, supposed to have been frozen off, white across thighs; valued at \$11. cow—Taken up by F Warrenburg of Illinois tp, Nov 12 1882, one white cow, five years old past, branded H on right hip, brand on left horn, crop off left ear; valued at \$20 stern—Taken up by A L Austin of Rock Creek tp, Nov stern—Taken up by A L Austin of Rock Creek tp, Nov stern—Taken up by A L Austin of Rock Dranded P on

STEER—Taken up by A L Austin of Rock Creek tp, Nov 12 1882, one red and white steer, 2 years old, branded P on right hip; valued at \$20 sTEER—Also by same, one white steer with red ears, branded on left hip; valued at \$20 to the property of the property

belly, 5 years old; valued at \$20

Shawnee county—Geo. T. Gilmore, clerk.

STERE—Taken up by John H Masters of Dover tp. Nov 5
1833, one 2 year old steer, red and white, no marks or
brands; valued at \$25

HEIFER—Taken up by Geo Chesmore of Dover tp. Nov 11
1832, one 2 year old heifer, red and white, branded R on
left hip, blurred brand on right hip; valued at \$19

HEIFER—Also by same, one yearling heifer, red and
white, no marks or brands; valued at \$11

STEER—Also by same, one yearling steer, red and white,
with blurred brand on right hip; valued at \$15

HEIFER—Taken up by John Green of Dover tp. Nov 10
1832, one yearling heifer, red and white, with metal tag in
right ear; valued at \$14

MARE—Taken up by Sam'l Sprout of Topeka tp Oct 1 1832
one small mare 14 hande high right hind foot white a blaze
in her face 3 years old past no marks or brands; valued at
\$40.00 500.00
HEIPER—Taken up by Eli Hoover of Auburn tp Dec 2
1882 one white spotted 2 year old helfer slit in right car hole
in left car branded on left hip with blurred letter; valued
at \$20 at \$20 COW—Taken up by Annie E Cavender of Auburn tp Dec 5 1882 one roan cow 7 years old with short crop off right ear left ear sloped branded on left hip P O; valued at \$20

Johnson county-Frank Huntoon, clerk. cow—Taken up by Christian Snyder of Olathe tp Nov 1882 one light roan cow about 6 years old of medium siz was giving milk when taken up no marks or brauds per ceivable; valued at \$15

Cherokee county-J. T. Veatch, clerk HORSE-Taken up by G W Harrison of Shawnee tp Nov 20 1882 one bay horse pony 2 years old some white on left hind foot; valued at \$25 cow-Taken up by E W Murray of Gavden tp Nov 15 1882 one cow about 6 years old color red small size ne marks or brands; valued at \$18

Anderson county—Thos. W. Foster, clerk, MULE—Taken up by A N Mattison of Rich tp Oct 28 1882 one dark brown mare mule about 12 years old 14½ hands high first hind ankle stiff, valued at \$30 high sore on jaw and very old; valued at \$30 high sore on jaw and valued at \$30 high sore on jaw Anderson county-Thos. W. Foster, clerk.

HRIPER—Taken up by J. Miller Rich to Nov 21 1882 one brown cow 5 years old white head belly and end of tail wallow for kin ears, valued at \$14 cow—Taken up by Geo White Ozark tp Nov 21 1882 one brown cow 5 years old white head belly and end of tail wallow fork in ears, valued at \$18 in None—Taken up by If Reed Puman tp Nov 18 1882 one sorrel horse 4 years old blaze face small white on left hind foot left sey edamaged; hiller and the small white on left hind foot left sey edamaged; hiller and the face small white on left hind foot left sey edamaged; hiller and the face hind legs one 1 year to kness, valued at \$40 streke—Taken up by I McGrath of Reeder tp Nov 29 1882 one 2 year old ateer red with white spots; valued at \$30 streke—Also by same one 2 year old steer white with red spots; valued at \$30

Douglas county -- N. O. Stevens, clerk, cow—Taken up by A Sells of Rig Springs to 1 6 year of sd cow white spot in forehead white under belly one ho tooped; valued at \$18

Leavenworth County J. W. Niehaus, Clerk. PONY—Taken up by William Burwell of High Prairie Nov 27 ISS21 hay pony 3 years old with three white feet hite spot on left side and shoulder and bald face or PONY—Also by same I bay 2 year old pony one white nd foot star in forchead no other marks or brands; both valued at \$40

The part of the result of the

HEIPER—Taken up by L C Rogler of Bazzar tp Nov 2 1882 red and white heifer 2 years old branded with heart on gight hip; valued at \$18 cov—Taken up by all C Alford of Bazzar tp Nov 2 1882 cov—Taken up by all C Alford of Bazzar tp Nov 2 1882 onto 1982 and 1

MARE—Also 0, with white spat in left flank scar in spot since on with white spat in left flank scar in spot since on foot; valued at \$25 sterm—Taken up by B F Nye of Falls tp Nov 30 1882 one Texas or Colorado steer 3 years old marked with dewlap on under jaw left ear split and underbit color red and white no other marks or brands distinguishable; valued at \$30 no other marks or brands distinguishable; valued at \$40 no

Elk county.-Geo. Thompson, clerk. STEER.—Taken up by Harry Countingham of Elk Falls tp SOUTH SEAT THE STEER THE SEAT THE SEAT

Bourbon county-L. B. Welch, clerk.

BOUTOON COUNTY—L. B. Wellon, clerk.

Sleer—Taken up by H. A. Noony of Marmatron tp. Nov 14

1882 I mostly red 2 year old steer small size with white face
white special steer small size with white face
to market by the steer small size with the steer small size with the steer small size red and white more red on head
and neck than on the body; valued at \$10

Sleer—Taken up by Elijah Dodson of Pawnee tp. Nov 6

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Sleer—taken up the slight flam; valued at 825.00 oan neek and head steates of the second of the second is \$25.00
Helfer—Taken up by Joseph Rodgas of Marion tp one record white spotted helfer 1 year old no marks or brands

Lyon County-W. F. Ewing, Clerk. Strer—Taken up by D I Savlors of Fremont tp Nov 28 1882 red and white spotted yearling steer small size some kind of brand on right hip too dim to make out; valued at \$18 Steer—Taken up by Wm Schlins of Fremont up Nov 28 8821 red and white spotted yearling steer small size no narks or brands; valued at \$18 Steer—Taken up by Jos Frost of Fremont up Nov 28 1882 roan yearling steer some red spots red on legs up to the tures shoulders and neck red some white in the face swallow fork in each ear small size no marks or brands; valued at \$17

at \$17

STEER Taken up by W H Hickox, of Emporia tp.

Nov 20 1882, one 3 year old steer, color red and white
spotted, no marks or brands; valued at \$35,

STEER Taken up by W W Downing of kmporia tp.

Nov. 28 1882, 1 red and white yearling steer, crop
and ellt in right ear, undercut in left ear; valued at

\$20,00.

and shift if right ear, underted in ectear; valued as \$20.00, cow Taken up by Marshall Leslie of Emporia tp, Nov, 25 1884. I cow, 7 years old, white with red neck, and a heifer calf at her side; valued at \$29, IORSE Taken up by W J P Sill of Jackson tp, Nov 10 1882, I dark bay horse, about 14 hands high, sway back, collar both on left shoulder, small white spot behind the right ear; valued at \$30.

COLT Taken up by Jos R Dans of Fremont tp, Nov. 28 1882, I bay yearling mare colt, with spot in the forehead, left hind foot white, some white hairs on the right hind foot, good size; valued at \$30.

Miami county .-- J. C. Taylor, clerk STEER Taken up by J W White of Sugar Creek tp, ov. 13 1882, 1 red yearling steer, crop off both ears; Nov. 13 1894. I red yearing steer, crop on Joth ears; valued at \$18

STEER Also by same, one red steer with white specks on body and crop off each ear; valued at \$18.

H#IFER Taken up by L L Little of Paola tp, Nov. 20 1889, ore red heifer; valued at \$12.

BULL Taken up by Henry Mordica of Sugar Creek tp, Nov. 24 1894, I red yearling bull, no marks or brands visible; valued at \$12

Wabaunsee county-D. M. Gardner, clerk. STEER Taken up by S G Pratt of Wabaunsee tp. Nov. 29 18°2. I red yearling steer, with a very few white spots on him, also a white streak across the forehead angling about 1½ inches wide and 4 or 5 inches long, medium size, no marks or brands vis thie; valued at \$15.

inches long, medium size, no marks or brands visible; valued at \$15.

HEIFER Taken up by Daniel W Johnson of Wabauusee tp, Nov. 23 1882, 1 white helfer 2 years old, past medium size, no marks or brands, valued at \$15.

HEIFER Also by same, 1 white helfer, red on side of head and neck, 2 years old past; no marks or brands visible; valued at 15. dol's.

SYEER Also by same, 1 red steer with a small star in the face, 2 years old, past medium size, no marks or brands visible; valued at 15. dol's.

YEER Also by same, 1 red steer with a small star in the face, 2 years old, past medium size, no marks or brands visible; valued at 15. dol's.

YONY Taken up by L B Rand of Wabaunsee tp, 1 brown mare pony, 2 years old past, with four white feet and white face, branded with a diamond about \$2\frac{1}{2}\$ inches in length with a letter L at the bottom, also a faint brand letter \(^2\) on the back side of the right ham; valued at 15. dol's.

MARE Taken up by William Springer of Newbury tp, Nov 4 1882, one dark brown mare, about 2 years old, both hind feet white, branded J Ton left shoulder, white strip in forehead; valued at 30. dol's.

SYEER Taken up by F Frey of Newbury tp, Nov. 9 1882 1 dark red steer, 3 years old, both hind feet white, branded J Ton left shoulder, white strip in forehead; valued at 30. dol's.

FILLEY Taken up by Henry Hope of Kaw tp, Nov. 1 1882, one 2 year old brown filley, white feet; valued at 20. dol's.

FILLEY Also by same, one 2 year old, iron gray filley, left hind foot white; valued at 20. dol's.

at 20. dol's.

FILLEY Also by same, one 2 year old. from gray
filley, left hind foot white; valued at 20. dol's.

MARE Taken up by F W Nolkning of Kaw tp, Nov.
7 1882. I bay pony mare, 2 years old, branded on left
shoulder H or M.

shoulder Hor M.

FILLEY Taken up by William C Holladay of Wilmington to, Nov. 7 1882, 1 yearling filley, good size, bright bay, a little white on left hind foot and hind part of all of its legs are light color, no other marks or brands; valued at 25, do ls

FILLEY Taken up by I J Emerson of Wilmington tp, Nov. 25 1882, 1 iron gray filley, 2 years old, with silver main and iail with white strip in lace, no other marks or brands; valued at 59, dol's.

Linn county---J. H. Madden, clerk.

HEIFER Taken up by John J Hawkins of Blue
Mound tp, Nov. 7 1882, 1 red and white yearling heifer, white between horns, no other marks or brands
visible; valued at 12 dol's.

STEER Taken up by Samuel Dellinger of Mound
City tp, Dec. 1 1882, 1 red roan 2 year old steer, branded on left rump, no other marks or brands; valued
at 18. dol's.

STEER Taken up by D M Kendall of Paris tp, Nov.
16 1882, 1 roan yearling steer, ears and legs red, branded with letter C on left hip; valued at 14. dol's,

STEER Taken up by H S Makenson of Potosi tp,
Nov. 2 1882, 1 red yearling steer, some white on belly
and brisket; valued at 13. dol's.

\*\*TEER Taken up by W T Root of Potosi tp, Nov. 1
1882, 1 red brindle yearling steer, white on belly and
in flanks, bush of tail white and white spot in forehead; valued at 16, dol's.

\*\*STEER Taken up by J C Melindy of Potosi tp, Nov. Linn county---J. H. Madden, clerk.

Atchison county-Cnas H Krebs, clerk Jefferson county—J. R. Best, clerk.

COLT—Taken up by WG Boyd of Union ty Nov 11 1882

COLT—Taken up by WG Boyd of Union ty Nov 11 1882

COW Taken up by John L Buhoup of Lancaster tp.

Oct. 13 1882, 1 red cow, some white on belly and

down the nose and three white feet with indistinct brand on left hip no other marks or brands perceivable; valued at \$40 left hip no other marks or brands perceivable; valued at \$40 left hip no other marks or brands perceivable; valued at \$41 left hip no other marks or brands perceivable; valued at \$41 left hip no other marks or brands perceivable; valued at \$43 left hip no other marks or brands perceivable; valued at \$43 left hip no other marks or brands perceivable; valued at \$43 left hip no other marks or brands hip no other mark

Morris County-A. Moser, Clerk.

morris County—A. Moser, Clerk.

MARE—Taken up by Aaron Moore of Melvern tp Nov 20
1822 one large I year old red and white heifer no marks or
1823 one large I year old red and white heifer no marks or
1824 one large I year old red and white heifer no marks or
1825 one large I year old red and white heifer no marks or
1825 one large I year old red and white heifer no marks or
1825 one large I year old red and white heifer no marks or
1825 one large I year old red and white heifer no marks or
1825 one large I year old red and year old star on
1825 one large I year old red and year old sorted in moths
25,00 one 1825 one 1825 one 1825 dol's.

MARE Taken up by L 8 Collins of Valley tp, Oct.
11 1882, 1 black mare, 14 hands high, with harness
11 1882, 1 black mare, 14 hands high, with harness
11 1882, 1 black mare, 14 hands high, with harness
12 1826, 1826 one 1825 one 18

Woodson county—H. S. Trueblood, clerk.

HORSE Taken up by J B Pickett of Everett tp.
Nov. 13 1882, 1 gray horse, dark mane and tall, blind in left eye. 15 h- nds high, saddle or harness marks on back, about 11 years old; valued at 39, dol's.

MARE Taken up by L T Sommers of Everett tp.
Nov. 17 1882, 1 sorrel mare, 3 years old light mane and tall, star in forehead; valued at 69, dol's.

COLT. Taken up by J T Colglazier of Everett tp.
Nov. 20 1883, 1 gray horse colt, 1 year old, white hind feet, 18 hands high; valued at 25, dol's,

HEIFER Taken up by J W Rose of Perry tp. Nov.
19 1882, 1 red helfer, 2 years old, no marks or crauds; valued at 12, dol's,

HEIFER Taken up by August Fadman of Center tp. No. 24 1882, 1 white yearling helfer, red ears; valued at 12, dol's.

MARE Taken up by T J Cannady of Toronto tp. Nov 18 1882, 1 light bay mare, about 4 years old, one glass eye; valued at 50 dol's.

COLT. Taken up by W E Oglivie of Toronto tp. Nov. 18 1882, 1 dark brown horse colt, 2 years old, star in forehead; valued at 30, dol's.

STERR Taken up by Henry Nelman of Toronto tp. Nov. 14 1882, 1 white, year old steer, crop off left ear, valued at 18 dol's.

Strays for week ending Dec. 20, '82. Woodson county-H. S. Trueblood, clerk.

Strays for week ending Dec. 20, '82. Leavenworth county.—J. W. Nichaus, clerk.

COW Taken up by Charles Brassfield in Alexander
tp, Dec. 11 1882, 1 red brindle cow, 10 or 11 years old,
underbit out of left ear and the letter O cut in right
horn, had on a large bell; valued at \$12

COW Taken up by A G Chambers in Alexander tp;
Nov. 30 1882, 1 red and white cow, 10 or 11 years old,
short tall, half undercrop and two silts in right ear, valued at \$25

Wilson country L. C. Tattle closik

ued at \$25

Wilson county—J. C. Tuttle, clerk,

MULE Taken up by B W D Prague in Cedar tp. 1

small bright sorrel mare mule, supposed to be 3 years
old, with white in face; valued at \$20

HEFER Taken up by John Gebbert in Center tp.
110 000 yearing helier, crop off origit ear; valued at 1 white yearling helfer, crop off of right ear; valued as \$10.00 COW Taken up by George Clinesmith in Verdigris D. I roan cow 3 years old, crop and slit in each ear, also one red and white spotted calf with her; both valued at one red and white spotted call with her, both values 252.30.
MARE Taken up by John Thompson in Colfax tp.
1 bay mare, about 14 hands high, with small star in forehead and scar on one jaw, supposed to be about 5 years old; valued at \$15.

forchead and scar on one jaw, supposed to be about s years oid; valued at \$15.

Pottawatomic county—H. P. Smith, clerk, MARE Taken up by A J Vansant Louisville p. o. Nov. 6 1882; 1 brown mare, 11 or 12 years old, no marks; valued at \$35.

STEER Taken up by August Hausen Olsburg p. o. Nov. 20 1882; one 2 year old, red and white steer, left horn broken off about 2 inches, upper crop close to the head off right ear, valued at \$35.

STEER Also by same, one 2 year old, dark brown or roan steer, alltitle white above the eyes, same mark as the Oregonia; valued at \$35.

STEER Also by same, one 2 year old, dark brown or roan steer, alltitle white above the eyes, same mark as the Oregonia; valued at \$3.

U Cattin, Adams Peak p. O. Nov. 10 1882; 1 chestinat sorrel horse, a little white in forehead, 12 years old, 15 haudas high, shod in front, halter on; valued at \$40.

STEER Taken up by W T Harris, fLincoln p. o. Nov. 27 1882, one 2 year old red steer, branded J H on right hip.

MARE Taken up by R J Morris, Louisville p.o. Nov. 1882; 1 bay mare, 3 years old, star in forchead, been cut in the shoulder by wire fence; valued at \$40.

MARE Taken up by John Frank, Adams Peak p. o. Oct. 23 1882, 1 yellow mare, black mane and tail, black legs, blind in left eye, supposed I7 years old; valued at \$40.0.

HEIFER Taken up by Moses S Davis, Myers Val-

Oct. 23 1882. I yellow mare, black mane and tail, black legs, blind in left eye, supposed I years old; valued at legs, blind in left eye, supposed I years old; valued at left. Taken up by Moves S Davis, Myers Valley p. o. Nov. 8 1882. I red helfer, white under the beily, brush of tail white, swallow fork in left ear, supposed 2 years old last spring; valued at \$18.

HEIFER Taken up by Abram Coffelt, St. Clere Po. Nov. 20 1882, one 2 year old red and white helfer, end of right ear cut or irozen off.

IELFER Also by same, one 1 year old red roan helfer, cron off of left ear, slit in right ear.

IELFER Also by same, one 1 year old red and white helfer, crop and underbit of of right ear.

STEER Taken up by O J Grover, Nov. 1 1882, one 3 year old red roan steer, marked with two notches on underside of each ear, valued at \$35.

HEIFER Also by same, one 2 year old red and white helfer, star in forehead; valued at \$35.

STEER Taken up by R H Towkes, Wamego p. o. 1 5 year old dark red steer, crop of left ear, sit off right ear, valued at \$35.

Riley oounity—F. A. Schermerhorn, clerk,

Riley county-F. A. Schermerhorn, clerk. HORSE Taken up by CM Dyche in Ogden tp. 1 black horse, 12 years old, branded on left shoulder resembles W.

HEIFER Taken up by H H E Dougherty in Manbatan tp. Dec. 9 1882, 1 red and white yearling befrer, split in left ear.

ODET Taken up by Wm Johnsmyer in Swede Creek tp. Nov. 1 1882, 1 bay colt, 1 year old past, no marks or tp. Nov. 1882, I bay colt, I year old past, no marks or brands.

STEER Taken up by O T Dix in Ashland tp. Dec. it 1882, I yearling steer, red, with white on legs and belly, I crumpled horn.

STEER Taken up by John Griffith in Madison tp. Dec. 8 1882, I roan yearling steer, branded on right hip J C. HEIFER Also by same, I spotted yearling heifer, ears marked, rather small.
HEIFER Also by same, 1 red yearling heifer, medium size, no marks or brands; all 3 valued at \$44.
MARE Taken up by Henry Selbert in Jackson tp.
Dec. 13 1882, one 2 year old bay mare, branded A on left Shoulder.
STEER Taken up by Henry Wiesendeinger in Jackson tp. Dec. 13 1882, 1 red and white yearling steer; valued at \$20.
CALF Also by same, 1 dark red calf; valued at \$11.

Wabaunsee county.—D, M. Gardner, clerk.
STEER Taken up by Edward C Young in Rock
Creek tp. Dec 11882. I white steer with a few red spots,
red ears notched, and a red streak around the nose;
valued at \$1. valued \*\*\* 314.

STEER Also by same, 1 red steer with a few white marks, back of hind legs and a little white on the right shoulder, and both ears notched; valued at \$16.

HEIFER Taken up by True & Bates in Newbury to, Nov. 14 182, 1 roan heifer, 1 year old, notch cut out of the upper side and a piece cut off from the underside of right ear, small size; valued at \$12.

STEER Also by same, one 2 year old steer, small size, pale red, branded Ton right hip, and right ear cut off; valued at \$22. STEER Also by same, one 2 year old steer, small size, pale red, branded Ton right hip, and right ear cut off; valued at \$22.

STEER Taken up by S Crawford in Wilmington tp. Nov. 13 1882, 1 yearling steer, red, with small white spots on the left shoulder, with some white on the under part of the body, star in the forehead, and branded W on the right hip, no other marks or brands; valued at \$14.

COLT Taken up by A O Hogbin in Mission Creek tp. Nov. 11 1882, 1 horse colt, 2 years old, dark brown, few white hairs in center of forehead, no other marks or brands; valued at \$35.

Usage county—C. A. Cottreil, clerk.

HORSE Taken up by B 0 Mills in Ridgeway tp. Dec.
2 1882, 1 light iron-gray horse, 3 years old, no marks or
brands; valued at \$25.

MARE Taken up by Therm Lumry in Ridgeway tp.
Dec. 11 1882, 1 bay mare, 3 years old, front right and
left hind foot white, indistinct brand on right shoulder; her, hind foot white, indistinct brand on right shoulder; valued at \$80. TEER Taken up by Chas Rubow in Fairfax tp. Nov. 22 1882, 1 roan steer; small crop off right ear and overbit; valued at \$18. STEER Taken up by John H Vansickle in Ridgeway tp. Nov. 27 1882, 1 white yearling steer, no marks or brands; valued at \$18. Col.IT Taken up by W T Davis in Superior tp. Dec. 8 1882 1 sorrel mare coit, 2 yearsold, no marks or brands; valued at \$25. HEIEER Taken up by W R Jolly in Olivet to. Dec. 9 1882, 1 red yearling helier, no marks or brands; valued at \$24. 9 1882, 1 red yearling heller, no marks or brands; valued at \$10.

MARE Taken up by Daniel Haney in Burlingame pt. Dec. 6; 1882, 1 dark bay mare, 2 years old, black legs, mane and tall; valued at \$40.

STEER Taken up by J M Bettinger in Burlingame pt. Dec. 6; 1882, 1 white yearling steer, right ear cropped, left car motiched; valued at \$410.

Dec. 9; 1882, 1 bay mare yearling colt, black legs, mane and tall; valued at \$30.

HEIFER Taken up by A N Stephens in Burlingame pt. Nov. 2; 1882, 1 white roan yearling helfer, indistinct brand on left hip; valued at \$30.

Jefferson County-J. R. Best, clerk. STEER Taken up by Joseph Senn in Delaware tp. Nov. 20 182, 1 red., 2 year old steer, a little white on end of tail, branded on left hip C W, underbit in right ear, an unknown brand or ear on left shoulder, no other marks or brands; valued at \$25.

Chase county—S. A. Breese, clerk.

STEER Taken up by Issiah Rider in Diamond tp
Nov. 21 1882, 1 yearling steer, mostly dark red, white
across its shoulders valued at \$15.

STEER Also by satured at \$15.

STEER Taken up by E T Baker in Bazaar tp. Nov.
20 1882, 1 red yearling steer, the edges of its cars apparently frozen off, no marks or brands visible; valued at
\$20 00.

STEER Also by same, 1 roan yearling steer, weeken \$20.09.
STEER Also by same, 1 roan yearling steer, marked with crop off left ear, and underbit out of same, no other marks or brands visible; valued at \$16. Shawnee county-J. Lee Knight, clerk

COW Taken up by James Stnart in Williamsport
p. Dec. 1 1882, 1 red and white cow, about 7 years old,
in in right ear, wore a bell; valued at \$25.
LT Taken up by Elijah Roads in Mission tp.
39 1882, 1 black horse celt; 1 year old, no marks or
ds visible; valued at \$20. Atchison County Chas. H. Krebs, clerk, 1882 I fron-gray colt, 2 years old; valued at \$50, COLT. Taken up by W if McHair in Center to, Nov. 19 1882, I black colt, white spot our forenead, small size, 1 year old; valued at \$25.

HEIPER Taken up by P P Dankin in city of Atchison, Nov. 1881, I red heifer, white on the of tall, and stripe of white between the fore legs, about 3 years old; valued at \$15.

valued at \$15.

Chautauqua county—C. M. Knapp, clerk,
STEER Taken up by Peter Sallers in Harrison tp.
Nov. 1 1882, I T-xas steer, light red, 2 vears old, branded on left side with S A, and crop off left ear; valued at
\$20.00.

HORSE Taken up by W.C. Drake in furrison tp.
Nov. 10 1882, I work-horse, brown 9 years old, 5 feet
high, has harness and saddle marks, and newly shod
all round; vanued at \$60.

HEIFEE Taken up, by Joseph Jemison in Salt
Creek to. Nov. 28 1882, I white heifer, about 3 years old,
marked with a swallow fork in each ear; valued at \$15.

Wyandotte County—D. R. Erweners, elective

Wyandotte County-D. R. Emmons, clerk. HEIFER Taken up by John K ru in Prairie tp. Dec. il 1882, I white-roan helfer, 2 years old; valued at \$15.00.

Barton County - Ir v D. Brougher, Clerk. STEER Taken up by W H Riel in Albion ty. 1 red and white yearling steer, I horn slightly drooped, no marks or brands; valued at \$15

Miami County—J. C. Taylor, Clork.

HEIFER Taken up by Mrs. Carry in Miami tp.
Nov. 27 1882. I white helfer, 2 years old, crop off the
right ear, both ears red and, all four legs red up to the
fight of the street of the street of the street of the street
for your few seeds on neck, bush of tall red,
fall first Also by same, 1 pale-red helfer 2 years
old past, white face, crop off the right ear white legs up
to knees, as mail white spots on sides, small size,
valued at \$13.

HEIFER Taken up by L. C. Chamberlin in Conwatomie to. Dec 11 1882, one 2 year old helfer, mostly red,
with some white on bush of tail, end of tail ff, end of
horns turn toward each other; valued at \$12.

HEIFER Also by same, one 2 year old helfer, mostly
red, some white on ber, no other marks or brands
OALF Taken up by J. H. Smith in Raola to, Dec. o.
1882, 1 roan steer calf, with underbit in right oar and
branded with O on left hip; valued at \$11.

Lyon Counts—Wm. F. Ewjing, Glark. Miami County-J. C. Taylor, Clerk.

Lyon County-Wm. F, Ewing, Clerk. TEER Taken up by BJ Nim in Jackson tp. Nov: 882, I red and white yearling steer, slit and half p in left ear, no other marks or brands; valued at

16 1832. I red and white yearling steer, slit and half crop in left ear, no other marks or brands; valued at \$18.00.

STEER Thken up by John Kurz in Fremont tp. Nov. 22 1832, one 2 year old steer, pale red, large white spot in forehead, the lower portion of all the legs white, some white spots on the belly; valued at \$20.

COW Taken up by Chas Evans in Empire tp. Dec. 9 1832, I Cherokee or Texas cow. 6 years old, white, small dark red spots on the body and neck, underbit in both ears and crop of right ear; valued at \$18.

HEIFEE Taken up by E. W. Jones in Center tp. Nov. 2d 1852, I roan yearling steer, white face, and red neck; valued at \$16.

STEER Taken up by W. H. Phillips in Reading tp. Dec. 6 1882, I roan yearling steer, white face, and red neck; valued at \$16.

STEER Taken up by W. B. Vandunt in Agnes City tp. Dec. 9 1882, one 2 year old, light led steer, no marks or brands; valued st \$18.

FILLEY Taken up by J. A. Bogle in Waterloo tp. Nov. 24 1882, 1 lron-gray filley. 2 year old, white spot in forehead extending toward the tip of the nose; valued at \$50.

C. MCARTHUR.

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Our stook exhibited by Wm Davis at St Jo, Bismark, Kansas City and the great State Full at Topeka this fall Coclober, 82, won over 20 ist and special pre-

Will issue fine catalogue and price-list in January, 1883. PS—As we wish to retain as many hens and pullets as possible until March, we offer for sale at low prices for the quality of the stock, a large lot of cockerels of all the leading varieties, either for choice breeding or to grade up your common fowls. Price according to quality.

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