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The Kansas Farmer.

J. K. HUDSON, Editor & Proprietor, Topeka, Kan.

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BLACK-LEG.

EDITOR FARMER · I noticed in the FARMER of Dec. 5th, an article in regard to black-leg, which brought to mind my own experience with the disease, some years ago, at which time my father and myself lost a number of head of calves. In skinning them, after death I found that the flesh of the diseased parts looked as though it had been pounded, and the hide over it was very thick and filled with blood and watery corruption. I concluded that, if in the first symptoms, the blood was drawn from the afflicted parts, it might arrest the disease; taking a very sharp knife, I made an incision about four inches in length, above the hock joints, on the outside of each hind leg, and also in the tail, just deep enough to cause the blood to flow freely. This was done in the evening; in the morning the calf would be very much better, and in a short time entirely well.

spine until it reaches the brain, when the animal dies. When first taken, the animal constantly switches the tail, will lie down and attempt to roll over, then spring up showing one kind of farm animal to another, e. g., from very fine Merinos. signs of much distress, and unless relief is the ox to the sheep and horses. What conobtained at once, death soon ensues. This treatment proved very effectual in every case tried; still some one may have a better, and if so I would like to know of it.

D. A. PRICE. Columbus, Kansas.

FROM DEPARTMENT OF AGRICULTURE.

Mr. Reynolds, of Harvey county, Kansas, sent a letter to Gen. Le Duc, Commissioner of Agriculture, at Washington, asking for advice as to the breaking the disease. Gen. Le Duc 3 bushels of spinach and other greens, \$2 00. referred the matter to Dr. Thomas Healy, of 5 bushels of string beans, \$6 00. 2 bushels of Washington who, in his report, after referring to a number of authorities, says :

A careful reading of the various descriptions of the disease, remedies tried, etc., leads me to concur in the following opinion on the latter and 50 bunches, \$4 00. 20 bushels of late article quoted from a German writer. "All beets on hand, at 40c per bushel, \$8 00. 3 observers agree in their description of the lo- bushels of carrots, early and late, 50c per bu., calities in which the disease is found—low ly- \$1 50. 3 bushels of parsnips, sold and on ing, liable to be flooded, in the vicinity of hand, 50c per bushel, \$1 80. 1 bushel of salbodies of water, undrained, with an unper- sify, \$1 00. 25 bushels of turnips, 20c per meable subsoil and rich, alluvial soil, soil bushel, \$5 00. 2 bushels of onions and 150 which was less than 8 months old, weighing containing much vegetable matter." And bunches, sold and used, \$6 70. 25 bushels of 785 lbs. The owner, Mr. A. J. Hankins, is alagain, quoting from the most eminent of mod. Early Rose potatoes, sold and on hand, \$15 00. ern pathologists, Rud. Virchou, "the real pro- 1 bushel of beans on hand for seed or use, ducing agent is miasmatic in its origin, acting \$3 00. 400 dozen sweet corn sold and used, on the blood as a septic fevment, the disorder- \$22 15. 60 bushels of corn on hand and used, ed blood causes local derangement, which in \$15 00. 4 bushels of pop corn, 50c per bushel turn keep up the disease. Of course the dis- \$2 00. 150 bushels of field corn, 25c per bushease may occur away from the environment el, \$37 50. The above was raised on less than mentioned above, just as we have well mark. two acres of land. eral rule as to location and environment holds early, sold, \$10 00. 100 summer squashes soon bring on 50 more. None of these horses doing it, though not on so large a scale. The

line sulphites (of soda or lime), eucalyptol or salycilic acid to the stock exposed to contagion and yet in apparent good health, will be judicious procedure. The range should be changed to one high and dry, and the cattle should be fed rather sparingly, and have frequent changes of food if possible. Many English writers insist that the sudden forcing and land for year. \$80 00. Rent of house and land for year, should place them upright two to the demand created by the war, there is an to the demand created by the war, there is an to the demand created by the war, there is an to the demand created by the war, there is an to the demand created by the war, there is an it to the demand created by the war, there is an it to the demand created by the war, there is an it to the demand created by the war, there is an it to the demand created by the war, there is an it to the demand created by the war, there is an it to the demand created by the war, there is an it to the demand created by the war, there is an it to the demand created by the war, there is an it to the demand created by the war, there is an it to the demand created by t or high feeding during the fallowing season, and land for year, \$80 00.

fore-care with regard to quantity and quality land. of food is but a proper hygienic precaution, in the face of an epizootic fever of this nature.

The most essential things to be done in case of an outbreak of this disease are: 1—Isolation of affected animals as soon they present any of the appearance of the disease; and as the excreta of such animals appear to be dangerous to healthy stock, care should be taken to keep the well away from the ranges lately used by the sick. 2—Complete and effectual burial or burning of the carcasses of those dying of the disease. 3d-Care that no one handling or soiled with the excrets of the sick or dead cattle go near the well stock without careful cleansing of skin and cloth-

The precautions should be enforced as rigidly as though the disease were the Rinderpest itself, and with the utmost stringency, as a single herd not properly policed can maintain for a long time and propagate the disease, and it may thus again be communicated to herds whose owners have spent mon. ey and taken the utmost care to free them from the disorder.

The sick should made as comfortable as ered and burned or buried. And it would not be out of the way to try the alkaline sulphites ter is said to be of great value in curing scrof. on them, say one-fourth of an ounce of suls ulus diseases. puite of soda and one-half the amount of sultimes a day. The stock exposed to the cont Esq. Mr. Smith raise the coarse wools tagion should have the same quantity of these These sheep, although not what is called the phite of lime to a three-year-old three or four remedies twice a day in water or much.

mands close and careful study, as its causation, Smith spins and weaves the wool into clothcourse, period of incubation, treatment, etc., ing for herself and family; the family conby the most distinguished pathologist, those tacked stock, this careful and close study will D. Bodkin, Esq., has 600 head, which aver The disease seems to be communicable from for 23 cents. Mr. N. E. Bartholomew has 400 nection, if any, it has with hog cholera, which it periectly resembles, is a question deserving fine cattle, owned by J. M. Davis, Esq. Mr. the closest scrutiny; and as the latter epidem- Davis is fattening 75 head. ic is so widely spread, if it be communicable for its immediate extirpation.

THE PRODUCT OF MY 5-ACRE PRAIRIE

GARDEN. 100 bunches of radishes, sold and used,\$5 75. lettuce in bunches, \$2 65. 5 bushels of peas, mostly early, \$6 00. 5 bushels of sweet potatoes, \$6 00. 6 bushels of tomatoes, mostly per dozen, \$17 50. 2 bushels of beets, early

The disease once established in an animal 1.25. 20 sweet pumpkins, 1 00. 10 dozen of these five times that amount.

while I do not concur in their views, I can horse, clean. Fought young grasshoppers for is 8 or ten feet high, and then cut it half off at easily see how a feverish condition produced two weeks, daily, from the 6th to the 30th of the ground, or just above, and lop it at right may prevail for all our farm crops. by gorging with rich foed might be a fair June. Resowed and planted many things. angles with the feace into the road. But I To be forewarned is to be forewarned. Farmstarting point for a dormant trouble. There- and double and treble cropped part of the C. H. B.

SADDLEBAG NOTES.

NO. V.

The Iola mineral well is situated just outside of the limits of the city of Iola, Allen county. I visited this well, drank of its water and saw the gas burning. The well was put down four years ago; the depth is 736 feet. The yield of water is 95 barrels per day, and nearly 10,000 cubic feet of gas escapes every 24 hours. The water, when allowed to escape, is thrown 30 feet high, and the gas will burn in a jet 12 feet in height; the gas is used to light and warm the reception room of the hotel. A common base-burner, coal stove, half filled with white bricks, (to hold the heat) is used; the gas is conveyed to the stove, a distance of about fifty feet, in a common gas pipe, the end of which was inserted in the stove near the bottom. A faucet was used to regulate the gas. The water has a strong, briny taste, I could only taste the salt and coal oil. A good substitute, so far as taste is concerned, would be to take a teacupful of water, a tablespoonfull of salt, and half a possible; their excrement should all be gath- teaspoonful of coal oil, and mix; of course an analysis reveals other ingredients. This wa-

Five miles southwest of Mound City, Linn county, is the sheep farm of W. L. Smith, improved breeds, yet are high grades, and are This epizootic, I would suggest, still de- the largest I have seen of this class. Mrs. are not clearly understood; and are described sists of ten persons, and I saw that every one was dressed from the wool of these sheep. In best informed in such matters, in the most this vicinity there are quite a good many vague and unsatisfactory terms. And as the small flocks of sheep, mostly, however, grade disease extends often with great rapidity and Merinos. Richard Bodkin, Esq., has 400 The disease commences in the hock joints, virulence, and has done immense damage to sheep; these averaged 51/2 lbs of wool the past runs up each joint to the rump, then along the property in foreign countries where it has atbe justifiable in an economic point of view. ed the past year 71/2 lbs of wool each, and sold

In the extreme northwestern corner of Bourbon county I noticed about 250 head of very

In the northeastern corner of Allen county is the stock farm of Hon. J. J. Close; there I raise enough to eat, if he is of any account. rigorous, sanitary measuses should be taken found a very nice lot of young cattle that Mr. He can raise his potatoes, cabbages, onions, Close was fattening. Near him was the stock turnips, beets, etc. He can grow the strawfarm of Charles Ross, Esq.; this gentleman is berries, gooseberries, raspberries, grapes, apalso largely in the stock business. The FARMs ples and other fruits to satisfy the wants of ER has a large circulation in this neighbor- his family. He can have poultry and eggs the hood, the farmers being intelligent and in year round. He can produce his own pork good circumstances.

hogs in all their purity. I saw two hogs there must earn the money and save it to buy them. that weighed over 600 lbs apiece. Mr. Cook is an advertiser in the FARMER, and those who can get pure stock of Mr. Cook.

were heavier than any I had heretofore seen; the mare weighing 1505 lbs, and the colt, a subscriber to the FARMER, and while I am classes. When he prospers, other classes as usual; but when the diet is also changed writing upon this subject, I would say that most of the best farmers in the localities that I have visited are subscribers to this paper.

Soil, rather heavy clay, loam, upland prairie abominable style that I have seen to quite produced in fifty years; that but a very small trimming hedges, to appear at some futate

past year, will average about 18 bushels per of 1876. Winter wheat is looking extremely well, the acreage sown being fully one-fourth Rural World. more than last year.

W. W. CONE. Burlington, Coffey Co., Det. 21st, 1977.

WHAT IS THE MATTER WITH MY PIG EDITOR FARMER: Will you or some of your many readers, in your next, or some future issue of your paper, give me some infor mation in regard to a fine sow I have, afflicted in the following manner. One month ago from writing, she refused to eat at morning feeding, neither would she drink, either water or slops. She lay around in the pen until 10 o'clock a. m. Same day, when she got up, with right ear and side of head lopped toward the ground and commenced to circle to the right. She kept up the circling until 11 m., when I turned her out of the pen (small pen) and commenced to treat her for brain or spinal disease, thinking she had what is commonly known as "blind staggers." This treatment was kept up for 24 hours, all to now purpose. I then applied oils in the ear, but to no purpose, as there seemed to be no change, either in her condition or health. Neither has there been any change in her from the first up to the present. She retains her health, strength, nesh and mind, but refuses to eat or drink a mouthful of anything. She breathes perfectly free and easy, and don't seem to become the least bit worried from her constant labor; neither resting day or night from her continuous circuit. She is fourteen months old and has raised one fine litter of pigs, but not with pig at present; will weigh about 300 pounds. I have about fifty head of hogs and all healthy and doing well but her.

he troubled same condition.

Columbus, Kansas, Dec. 17, 1877.

THE BUSINESS OF FARMING.

There is no business panning out better these hard times than farming. There is one good thing about farming-a man can always and make bacon and lard to last a year. He While at lola I visited the stock farm of can have veal and mutton and beef. The Hon: R. Cook; there are the Poland-China people in the city, if they have these articles, This is a big item in favor of the farmer. But notwithstanding the depressed condi-

> prosper. The money which he makes goes the relief is much more speedy and perceptia into the pockets of everybody. When he has ble.

or a change from meagre to rich passurage out, rather newly stay, tonic, upland plants of our crops may be wanted abroad, will develop or even produce the disease; and without manure, cultivated by hand and one common. It is to let the hedge grow until it portion of our crops may be wanted abroad,

will reserve the rest for a separate article on are, therefore, who take in money for their crops this year, had better pay their debts. Instead of incurring new debte, pay off the Winter wheat in Greenwood county, the old once. Get in an independent condition. The farm will always make an industrious acre. Corn will average about 40 bushels per farmer a good living. Resolve to owe no man acre, and the quality is better than the arep a cent. Pay as you go, and peace of mind will be yours that the debtor cannot enjoy .-

PLANTALK ON FAMILIAR SUBJECTS. No. 2.

At a recent meeting of the Social Science Association, an eminent physician read a paper on "Weak Eyes and Near Sightedness," in which he attributed the prevalence of those complaints in the United States to too much reading and study. Had the learned professes or modified his paper so as to read "too much feeding and stuffling," he would have hit the nail square on the head. There is a very intimate connection between the eyes and the stomach; and the effect of over-eating, and of nibbling at all kinds of trash at all hours of the day, soon becomes as perceptible upon the eyes of the average man and woman as does the effect of tangle-foot-whiskey upon the ordinary toper's nose. It somehow gets impressed upon the minds of American children at a very early age, that they should be continually cramming something into their stomachs; and as soon as a child is able to "tote" a slice of bread and molasses, it is educated by doting parents, into the belief that "a piece" of some and, about every half hour, is essential to promote its growth and give it health and strength. Here, I incline to think, is where the trouble begins. If a child requires food oftener than an adult-which I doubt very much—it should be fed at regular hours, so that its stomach can have some rest between meals. The folly of feeding a child every half hour should be apparent to any one who gives the subject a moment's thought. Its stomach is kept continually at work trying to digest and get rid of the superfluous stuff ern me in the future, as well as others who a hog or hogs in the creature ever manages to endure all the pains, omitings, gripings etc., it has to sune in consequence. The man or women whose stomach is in ill condition, and whose food doesn't digest well, is invariably peevish and fault finding; and why should it be any different with a child? In nine cases out of ten I can trace the crossness of an individual to a chunk of mince pie, a piece of horrible cake, a few slices of half baked, sour bread, or a plate of abominable buck-wheat cakes and molasses; and I venture the prediction that in ninety-nine cases out of a hundred every cry or scream of a child is caused by indigestion -by its stomach having too much proper or improper food in it. And here I may as well remark in passing, that too much proper or healthful food is as injurious to the digestive organs, and causes as much discomfort and pain, as unhealthful and improper food. People troubled with weak eyes generally find them much worse after they have eaten wish this breed of hogs, or shortthorn cattle, tion of the times, all kinds of farm crops are late suppers; or after thanks giving, christcommanding good prices. They are selling mas, and other holiday times, when they have I saw a mare and colt weighed at fols, that at prices which farmers are glad to get in indulged in all manner of cakes, candies and good times. And there are most bounteous indigestible things. And study is always crops. The money these will command will much more injurious to the eyes of schoolset the farmers on their feet again; and when children after vacations and holidays, than at they get upon their feet other classes will soon any other time. People who turn their eyes follow. The farmer must get on a solid basis "out to grass" and quit reading for a while, whose weight is 740 lbs. This gentleman is first. He feeds, clothes and sustains all other find relief, even though they continue eating

plenty of money, all kinds of business thrive. I do not pretend to say that all weak eyes The trouble with the country the past few are caused by dyspepsia; but I do say, and de-6 miles from Iola, by Hon. H. T. Helm, of years has been, the farmer has been bied to fy successful contradiction, that sore and wo acres or land.
80 dozen cucumbers sold and used, 10c per Chicago; this gentleman has 28 head of pedit death. Monopolists, corporations, capitalists, weak eyes are always aggravated by improphave been depleting his purse. They are still er diet. And I am satisfied that in a majority sold and used, \$1 50. 25 winter squashes, cost less than five hundred dollars, and some big crops and good prices are giving him duced by other causes than dyspepsia, if only The finest bedge fence I have seen in my it might have been different. With no Eut candy, cake, nuts, etc., are kept out of the to be no cure. A free administration of alka- watermelons and muskmelons sold, \$2.00. 1

Agriculture.

GRAIN- BAISING AND STOCK.

The progress of agricultural education in a practical direction, is shown most conclusively in the greater economy manifested in ago straw was considered useful only as bedding or litter for stock, and the manure derived from its decay. When Mechi, during this generation, proposed to make it valuable in growing stock, and thus enable the grain-raiser to feed more animals, and fertilize the land for more grain, he was laughed at in a meeting of wise English farmers, as a visionary who knew more of trade and city affairs than of agriculture. But he was intensely practical, and demonstrated his visions by making straw an important auxiliary in feeding steers most acceptably to the butcher. He presented his ideas worked out into practical results, and thirty years have brought a great change in English opinion on the value of straw, as will appear from reading frequent articles in their agricultural journals. The London Live-Stock Journal, in a late number, called attention to the steady advance in the price of straw, and notes the fact that where wheat-growing was unprofitable for the grain itself, it has now become profitable from the value of the straw. It says: "The fact can now almost be maintained, that the true, arable farmers who produce corn alone, are disappearing, and the real aim and object of the arable farmer is the growth of stock. It is for the butcher that he plows and sows and not for the miller. The piece of straw shows the way the wind beauty, robbing winter of half ite gloom, if blows.

"There was a time-not many years since-when if a man was known to feed his cattle with straw, he was looked upon as either in a bad way pecuniarily, or extremely miserly. Now the use of straw is nearly universal, though in conjunction with other materials."

with grain. In fact, there seems to be a extent. Farmers have been wont to consider grain as too expensive for beef production, and they have not been quick to see that straw, although an imperfect food in itself, when mingled with a small portion of grain, becomes as well-balanced food as grass or hay. The agricultural chemists have assisted them to understand the value of different kinds of food, and the propriety of mixing those of diverse elements.

It is most appropriate that much tilled

analysis of meadow hay gives of digestible food 52 per cent., including about 82 per cent. albuminoids. Wheat straw has 35 per cent., barley 38 per cent., oats 44 per cent., corn fodder 42 per cent.—an average fibrous mat of roots at the sides and bottom, of about 39 per cent. of digestible food; but they are deficient in albuminoids, having, on an average, about 3 per cent. If we ough watering, and set in the shade for s suppose a fair crop of oats to be 40 bushels week. All treated in this way grew straight of grain (1,280 lbs.) and once and a half shead. They were small plants, needing no that weight of straw (1,920 lbs.); then, if trimming. Large bushes I cut down within ten bushels of oats (320 lbs.) be mixed and three or four inches of the pot. fed with the straw, we shall have 2,240 fbs. of food equal to hay, and have 30 bushels anything like the bloom on these geraniums. of oats left; or, if we mix 576 lbs. of wheat They have not run to stems and leaves, but the bran, we shall have 2,500 lbs. of food equal to good hay. Take the wheat crop of 25 cent. "Lord Derby" and "Donald Beaton" bushels (1,500 lbs.) to the acre, and there having all the time more trusses than branch. will be about 2,500 lbs. of straw; now the es, and they measure nine, eleven and twelve wheat being ground into flour, there will be about 40 lbs. of flour and 20 lbs. of offal (bran, middlings, etc.) to the bushel: This will give 500 lbs. of refuse to be used as cattle food, and if the 500 lbs. of bran, etc., be mixed with the 2,500 lbs. of straw, we shall have 3,000 lbs. to the acre of food about equal to hay. Thus conducted, tom; they need perfect drainage. Have had wheat-raising and cattle-growing work natural complement of grain-raising; keeping up a natural equilibrium [between the deposits and the drafts of agriculture.

Some farmers will answer to; this, that it requires too much labor, is too complicated; sional watering with a little weak soot water that farmers are obliged to follow a simple is very benefical. As soon as a rose withers ing great rate for hauling. (Here follows system and cannot go into so much compounding of materials for feeding. We in this way they are always throwing off new answer that the farmer is a manufacturer, shoots, and are seldom out of bloom. The bination Made and to be Maintained," "Annie and that he should exhibit as much skill regal rose! After all, what other flower can hilation Decreed Against any Road that and perseverence as other manufacturers. surpass it? I find Bon Sileno, Safrano and Traitorously Cuts Under.") The price now ers would make it appear, but rather a clog in to "Our Nellie." The baby born here in the There are many of our manufactures that Pactole very satisfactory—exquisite in bud paid is one-half for carrying the other half distribution. A million men and women want spring is growing finely.

greatly raised, if the refuse were not utilized. The refuse of the distillery, of the starch factory, of the corn-sugar manufactory, and hundreds of others, pays a large part of the expenses of the manufacture. It behooves the farmer to study his materiany other product. The successful agriculturist of the future will study all his restock-farming in connection with grain farming. Each acre in grain will represent, in materials for feeding animals, threefourths of an acre in good grass, besides three-fourths of the grain for market. Every grain farm should keep animals in proportion to the grain raised. Then it will be-the more grain the more stock, the more stock the greater prosperity. -E. W. S. in Country Gentleman.

Horticulture.

WINDOW PLANTS. Nothing adds more to the cosy home-look drapery cannot be compared to the tasteful elgarniture of green, interlacing sprays, graces ful tendrile, and delicate or starry-eyed bloom. And where there is room enough, an orange or lemon tree, an oleander, abutilon, or stately calla, give a tropical aspect to your bower of not its rigor. It is so easy to have them, one wonders that any family-room should be with out. With a little care, any one may succeed with geraniums, roses and fuchsias. while to the painstaking the name is "legion" of plants suitable for window culture. No one plant is more deservedly a favorite than the geranium, both zonale and double flowering Thriving under the most common culture It also speaks of the aid the Short-Horn they repay extra care with a prodigal prohas been in rendering stall-feeding profita- fusion of bloom. They need a rich soil, ble, and in utilizing straw in conjunction plenty of light, air and morning sunshine and judicious watering. Never water in great change in reference to connecting driblets; use warm water through the winter, grain-raising with meat-production. There, soft, if you have it, if not, liquid ammonia, as in this country, grass was considered a two drops to a pint of water, in good, or weak pre-requisite to stock-feeding, and grain- manure water once a week; frequent showerfarming as excluding stock to any profitable ing overhead (with a fine hose), and sponging Last spring I repotted mine in a compost of

light, mellow earth, two parts; one part of well rotted hot bed manure, one part decayed leaf mould from under the black current bushes, and just enough sand to keep the earth friable. In raking out the walk between the currents, I noticed the rich look of the decayed leaves, and as I am always trying plant, inverting and giving a tap or two, out swered: it came without any trouble; took off the shook out the old dirt, replanted carefully, pressing down the earth firmly, gave a thor-

Have grown plants for years, but never saw bloom has been (yes, I will say it) magnifiinches around, dense globes. "Madame" and in size, if not in color. All the rest, a dozen kinds, have grown equally well.

For fuchsias, I use leaf mould from under scrub oaks, mixed with a sprinkle of good garden soil, a few rusty nails (oxide of iron is good for them), and a layer of charcoal at botlime, etc., of the wheat crop, go back to the was done blooming I clipped off the terminal who thus read: soil in a soluble form, ready to grow more shoots of all the branches, and set it aside for wheat or grass. So of the other grain two weeks, giving very little water-excrops—the straw may all be utilized by the hausted with blooming they do not require to us, find that the men owning all the wagon addition of a small amount of concentrated much; then repotted in a soil composed as roads have pledged their lands, their tributes, food. Cattle and other stock-raising is the given above. Not a leaf wilted or fell. In their roads, their wagons, and their horses, to

started all over, growing rapidly. Roses must have a rich soil, two parts loam, one part dry, well-crumbled cow-manure, one they owe to the pawnbrokers the wages of part leaf-mould, and a little soot. An occacut it off; keep the bushes low and compact;

double, grows so large after you think it is that the railroad tree is planted in every ham- other millions stand ready to furnish them, ten days in perfection.

ones ten or twelve hours in water.

When my plants are put in winter quarters, I examine carefully for insects of all kinds. Am not troubled with red spiders, or any of its kin. "A member of the Cabinet" says: "Never keep verbenas over winter, they are more plague than profit." I don't think so, as they are so easily kept, only don't give too much water. I keep half a dozen or more choice kinds every winter. Three kinds can be grown in a sixtinch pot, but I prefer deep tin cans. They always bloom early in February, and are such a pretty contrast to geraniums, paimulus and white begonia.

Flowers have such a refining influence over invalid. I know a dear old lady of over each leaf and unfolding bud with the keenest pleasure; complaining if they are taken to another room for sunshine, because "she is so lonesome without them." Keep one or two plants, if you can no more. You will not gloom and trouble they give an almost human sympathy .- Hortense Share, in Floral Cabinet.

Topics for Discussion.

PUBLIC HIGHWAYS IN THE PEGEE IS-LANDS-A PARALLEL OF OUR KANSAS BAILROADS.

BY EDWARD BALLAYNE.

At this time a few men of another nation without any knowledge of civil society, or law, and calling themselves "Ashantee negroes." were drifted in their cance to this is-

calcined bone, then a mat of decayed leaves, other a few minutes, in a tone of sympathy sented. filled the pot twosthirds with the mixed soil; asked? "Who owns you?" The islanders then with a broad bladed knife loosened the startled by such a question, indignantly an-

"Nobody; we are free men."

"How many?" "About seven or eight hundred thousand." "How many wagon roads?" "About fourteen."

"Why don't you build your own roads or buy them of these men?"

A silence of a few moments followed, then

the islanders answered "Oh, because!"

men who, calling themselves free, could not and the roads, lands and tribute became their answer so simple a question, they immedi- property again, and the tribute of fat oxen ately embarked, and, though a storm was and swine was remitted, and the tribute of rising, set sail for Africa.

surprise. Each man talked with his neighbor thed by the people, and the roads were "Victor Lemoine" look like great snow-balls about this wagon-road matter until a great straight and at equal distances apart, emptywise man, called together the assembly and told them to inquire into these things. The assembly of the people then appointed some envoy and directed him to search diligently into the ways of t e wagon-roads and the re seven kinds in bloom all summer. Like some sult of their workings, and to make a writing nicely together, and the fertility of the soil ladies in the cabinet, my "Sir Colin Camp- of the testimony of their eyes and of their is not much reduced; for the largest pro- bell" is a real tree, with hundreds of coral ears. The envoy returned, and in the audiportion of the nitrogenous or muscle- bells on at a time. But unlike here mine did ence of all the assembly and of all the people, forming elements, and the phosphate of not die. This was my treatment: After it delivered their writings to the chief scribe,

VIRTUOUS CHIEF: We, your envoys, having giving was appointed. diligently inquired into the matters entrusted and the owners, in a vain trial to pay the dues their employed men, and to enrich themselves. have combined together to charge an exceed. minutes of secret meetings and papers headed, "The Wagon-Road Alliance," "A Great Com-

fully blown, and lasts in the shade mere than let, that the fruit, though it is pleasant to the but there is a clog in distribution. taste, is a moral poison, obscuring the vision Neither will it do to charge the difficulty up In this climate in the winter the cellar is and perverting the constitution, and that to extravagance; for consumption is an evithe only sure refuge. So I carry my pets much people are eating this fruit. We also dence of a high state of civilization. It is the there at night. I would rather take fifteen find that the following lands are held by the Indian and the Aborigine whose wants are minutes, night and morning, than waken to wagon-roads: (Here follows description of simple and easily supplied. Mr. Editor, there find them all frozen stiff. I have saved plants land by squares.) Also that the following is a new inspiration dawning upon the race, as much as the miller, the manufacturer of that were frozen hard, by placing them to'dry amount of snimals and produce are paid which will eventually culminate in a more beet-sigar, of glue, of linseed oil, of gas, or in a perfectly dark cellar, leaving them cov- yearly to the owners of these roads: (Here equal division of the profits of industry. The ered three days, and they never lost a leaf, follows description and number of animals present condition of society will not long rewhile those showered with cold water shed and measures of corn, wheat, potatoes, etc., main. Individual rights will either be recogsources, use everything, waste nothing. every leaf. Repot, spring and fall, or oftener, and where paid.) Also that the total length nized and guaranteed, or corporate power The recuperation of the middle and eastern if the growth of any plant requires it; cleanse of roads built are 2 129 squares; that many take absolute control. The credit classes. states must depend largely upon judicious the pots with hot scap-suds, and scak new divisions of land have none, whilst others with their selfish vision, long since discerned have too many. (Here follows names of di- this, and took measures to entrench themselves visions.) And by the testimony of our eyes by guaranteed corporate privileges and perwe find that the tribute of oxen, and swine, sonal consolidation. Thus they demand a and corn, and wheat, and potatoes, and the payment of the halt for each day's journey of tralization. the wagons and horses have made the people weak and bilious; that the lands of the wagon-road men are not cultivated, no man change the spirit if not the popular mode of being able to buy them and live; that our government under which we live, whose head boys, and other people's boys, desire to till all centre is in Europe, with McCoiloch, Sherman, that land if it could be bought for one green Bellmont and Tilden linking this country money and a quarter for each subdivision of with that imperial ring. It originated with squares. We also find that the lands now the banking institutions of Europe, jealous of used, produce each 'year, as by example here their power as they saw the sceptre likely to presented: (Here follows tables showing the pass from them to the common people by the children. They love them dearly, never spoil amount of wagon-loads of swine, oxen, corn, issue of legal tender paper money, guaranteed them, but move among them with the great- wheat and other produce for each square of by the United States and French government grown plants. Rich brocade and filmy lace est care, picking up the fallen "fuchtells" the land now used, and, by contrast, the to sustain their wars. A secret convention and blossoms with such eagerness. How amount that would be produced if all the was called at a small town in Germany, in egance of wreathing vines, with all their rich they brighten the gloom of winter days for an land was tilled.) Also that there is brought 1863; this country as well as all Europe were into this island: (Here follows number and represented by its moneyed institutions. From eighty, who is always delighted when the kind of wagon-loads brought, and number of that convention sprung the inspiration to plants come in for the winter. Watching persons) Also find that the black rock, which demonstize silver among the commercial na is used for fuel, is very abundant in some tions of the earth and make gold the only parts and very much needed in others. (Here standard of value. follows amount of wagon-loads carried, and where) We also find that the actual cost of building these roads was: (Here follows cost Rothschilds, holding their vast wealth in think the time lost they require, and in of each road, cost of keeping in repair, price France, were not willing to risk such an unof wagons and of horses, the cost of feed, and | hallowed scheme in that revolutionary counemployed men.) We also find that many of try, until it was fully established by other na the people's boys could buy horses and wag. tionalities. ons, and desire to do the hauling. (Here follows writings of much people offering to carry produce to the rivers for so much a wagonload.) And after talking much with the learned men, we agree that the destruction of the crops by flying crickets, chintz-flies, and meadow-fires, would cease if all the land was trol of gold, which gives them control of govcultivated. (Here follows tables showing amount of destruction to crops by flying crickets, chintz-flies and meadow fires.)

> We therefore recommend that the present land, and immediately on their arrival, and system of wagon roads be abolished, and that before they could taste any of the fruit of the the people build their own roads, or buy and N. T. MONOPOLY,

A. TETETIC,

As soon as the writing was read, such a shout of applause was never heard, nor such s joy seen. Their ruler recommended to the assembly the careful thinking of the words read. In a little while a decree was made "that persons who combine together to oppress the poor would live inside strong walls." A new system of roads was ordered. The owners of the wagontroads then offered to sell their roads, their lands, and their tribute very low, and upon a careful looking into the mat-With a look of disgust and contempt on the ter the moneys were paid to the pawnbrokers, corn and of wheat and of potatoes was abol-The conduct of these barbarians excited ished, and all the lands were bought and tiwail was heard throughout the land, which ing into one main road, which was sufficient; reached the ears of their ruler, who, being a and the young men of the land bought thems selves wagons and horses, and carried the produce for one-fourth of what it used to cost; and there was fat meat in every house, and corn and wheat in every granary; every little boy and girl had shoes and stockings on their feet in winter time; and there was music and singing and gladness in every house through all the land, and the pawnbrokers' pledges were all redeemed, and the credit system was abolished, and the recorders applied to the

(CONCLUDED.)

' FUTURE OUTLOOK.

little encouragement to support journals to look at, and it will be. stimulate an increase of farm commodities.

high rates of interest, increase of taxes, that writes warmly of the kindness and attention will continue for some time to come, under she and her husband receive in Europe, she the present financial policy, will reduce the always says that no new friends are like the usjority of farmers to a practical state of old friends in America, nor does any other serfdom, notwithstanding the country is bleat country win the place of her own in her heart. with an abundant crop. Yet there is no sur. She wrote recently of a visit she had made plus or over production, as some surface writ- Mrs. Sartoris' parents who, are much attached

would cease, or the price of the product be and delicious in fragrance. Pactole is so one day's journey. We have also discovered food and clothing of every description, and

standing army and clamor for a stronger cen-

A wide spread, subtle, secret conspiracy is at work to impoverish the masses, in order to

England, Germany, Holland and the United States succomb to their infamous plot. The

No, the moneyed aristoeracy-have lost faith in the republican form of government to enforce their extortionate decrees for the collection of revenue and interest. Thus they impoverish the masses, make gold the only standard, and so control all values by the conernment.

Forced contraction, arbitrary resumption, funding schemes, through an expensive syna dicate, are some of the means by which they will accomplish their designs. Therefore it makes but little difference whether we produce railroad tree, were waited on by some of the strengthen those now in use, and that per- much or little, the die is cast, the seal is set, people of this island, who, desirous to have mission be given to any person to put wagons the decree has gone forth, the producing class; the opinion of these barbarians, thus submit- and horses on those roads, (under the control es must be impoverished. Thus you will see ted the question: "We are not possessed with of an officer for that purpose) and pay their that agriculture is a secondary censideration any roads for the transportation of our crops fair proportion of the expense of building and until the great question of finance, paramount to the rivers. We gave these men very nearly keeping them in repair; also that the land net to all others, is fully settled. Whether it can all our lands, very nearly all our oxen and our used be sold to those who will cultivate it, be settled without the shedding of blood, withswine, and gave them, besides, a great tribute for one green money and a quarter for each out which there is no redemption or remission every year of corn, and of wheat, and of po. subdivision of a square; that this money be a of sins, I am not fully determined, one thing. filled up an old well bucket, and set it under tatoes for to build roads for themselves to fund wherewith to build the roads, and that a however. I have long since believed, and that the drip of the smoke-house roof. In a few carry our produce. The lands we gave them just proportion of moneys be paid by every is, the credit class will resist the inauguration weeks it was ready for use. In taking it out are not used, and they are trying, from the regeneral farmer must rely, for this manure, it emitted the strong, musky odor for which black currants are so much disliked by many all the roads they have built. What do you board, bundle, or box, pays for the roads, and ready advanced their freight. Farm products that each man pays for the roads in proportion will continue to shrink, unless there is a finan-Let us see what is required, chemically, to make straw equal to hay. The average layer an inch thick of pounded charcoal and to make straw equal to hay. The average layer an inch thick of pounded charcoal and the marginal to make straw equal to hay. The average layer an inch thick of pounded charcoal and the marginal to make straw equal to hay. The average layer an inch thick of pounded charcoal and the marginal to make straw equal to hay. The average layer an inch thick of pounded charcoal and the marginal to make straw equal to hay. The average layer an inch thick of pounded charcoal and the marginal to make straw equal to hay. prediction is verified. Respectfully,

ALFRED TAYLOR.

Gardner, Johnson Co., Kas.

WOMANISH.

An unsatisfactory meal-A domestic broil. "My dear," asked Mrs. J. of her husband, on coming home from church the other day, what was the sweetest thing you saw in bont nets?" "The ladies faces," was the bland re-

"It is better for a woman to keep her own stockings in repair, than to know the origin, of the rainbow," says the Scientific American, Just so. And it is better for a man to have the habit of hanging up the towel and throwing out the water of the wash-basin after he washes himself, than to be the editor of the Scientific American.

In the Spanish department of the Paris Exposition there is to be a display of the photographs of most beautiful women in the world. It is to be a competitive display, and sixty-one high prizes of beauty are offered. Among the prizes are thirty-one silver sets, and the awarding committee will consist of a lady and gentlemen from each nation in which there are competitors for prizes.

Another effort is making to secure the " Old outh" in Boston, as an heirloom for postercouncil for more wages, and a day of thanks- ity. A tair opens there to-day, (December 5), and remains open until the 20th. The New England society of New York will be repres sented by a table at the fair. The old church, which was quite as much the birth-place of American freedom as Faneuil Hall, certainly As the future outlook appears to me, there is ought to be saved for future generations to

MRS. GRANT'S LETTERS.—The relatives The shrinkage of values, scarcity of money, Mrs. Grant who reside here say that while she

Zatrons of Husbandry.

OFFICERS OF THE NATIONAL GRANGE.—Master: John T. Jones, Barton, Ark. Secretary: O. M. Kelley, Lonisville, Ky.
Kansas State Grange.—Master: Wm. Sims, Topeka. Secretary: P. B. Maxson, Emporla.
Colorado State Grange.—Master: Levi Booth, Denver. Lecturer: J. W. Hammett, Piatteville.
Missouri State Grange.—Master: H. Eshbaugh, Hasover, Jefferson county. Secretary: A. M. Coffee, Knob Noster.
Arkansas State Grange.—Master: John T. Jones, Barton, Philips county. Secretary: J. S. Williams, Duval's Buff.
Texas State Grange.—Master: W. W. Laug, Marlin. Secretary: R. T. Kennedy, Mexia.

COLOBADO STATE GRANGE.

At the late meeting of Colorado State Grange, at Denyer, Colorado, the following officers were elected. Master-Levi Booth, Denver; Overseer-Mrs. A. L. Washburn Big Thompson; Lecturer-F. W. Hammett, Platteville; Steward-Wm. A. Bean, Big Thompson; Assistant Steward-W. T. Lambert; Chaplain-B. F. Wadsworth; Treasurer-J. B. Dudley; Gate Keeper-Wesley Donegan; Ceres-Mrs. Millle Booth; Pomona-Mrs. M A. Davis; Flora-Mrs. L. J. Baldwin; Lady Assistant Steward-Miss Lizzie Drake; Executive Committee-J. E. Washburn and

THE MISSOURI STATE GRANGE.

The meeting of the Missouri State Grange in its annual session just closed, was one of the most harmonious and useful ever held. The delegates, in personal appearance and mental caliber will compare favorably with the same number taken from any other class of our citizens. The spirit of business seemed to pervade the whole body, and hence no attempts at long winded oratory. The officers are industrious and attentive to their several duties, and the Master as their presiding officer is especially efficient. Those who attended the meetings of the grange two or three years ago, are astonished at the progress made by the farmers in the acquisition of parliamentary usage. The importance of this sort of improvement cannot well be over-estimated, because if they get relief through legislation it will be when farmers oc cupy the seats. Though their ranks are not as full as when first recruited, it is a fact that they show the

The present officers are:

W. M .- H. Eshbaugh; S .- Wm. Cochran; A. S .-L. B Still; Chap .- T. R. Allen; Treas .- J. M Sneed; G. K.-H. B. Wellman; Ceres-Carolina B. Wellman; Pomong Mrs S. H. Hale: Florg-Laura Shores.

Worthy Master filled vacancies pro tem as follows: Overseer-D. P. Dyer; Sec'y pro tem-H. B. Coffey; Lecturer-A. E. Page; L. A. S .- Mary E. Brier .- St. Louis Journal of Agriculture.

REPORT OF THE EDUCATIONAL COMMIT-TEE.

[Read at the Annual Meeting of the Kansas State Grange, at Emporia, Dec. 11, 1877.] TO THE KANSAS STATE GRANGE:

Your committee on education have to represent meeting.

Resolved, That in the judgment of this State Grange, the following legislation is needed for the advancement of common school education in Kansas :

1. Provision by law for the framing of a specific course of study for the common schools

2. Provision by law for a system of County Normal Institutes; that students educated free at the State University and Agricultural College, should be detailed to give instruction at these Normal Institutes; and that all money appropriated by the State for Normal systematic educational work for the use of education, should be appropriated to the support of these Normal Institutes.

State should be under the supervision of a the granges throughout the state. State Board of Education, who should have charge of these Normal Institutes and of all the educational institutions except the Agricultural College, and that our common schools and Normal Institutes should be organized and conducted with a view to secure the greatest efficiency with the least outlay of

That a committee of three be appointed to memorialize the legislature on this subject; and that said committee be instructed to further investigate those matters of education as set forth in the instructions to the educational committee appointed at the last annual meeting of the State Grange; and also to devise a course of systematic educational work for use in the subordinate Granges, and to report at the next annual meeting of the State Grange.

In compliance with the above, bills were prepared for the consideration of the legislature on the several subjects embraced in the recommendations. The County Normal Inrecommendations. The County Normal Inwork, and the probabilities of success, I rework, and the probabilities of success, I restanding orders unprovided for; no money stitute recommendation was considered and approved by the State Teachers' Association, and a bill was prepared by the State Superintendent of Public Instruction on the subject, which became a law. The law has now had nearly a year's trial to test its value and its our education upon this important subject acceptance with the people. Institutes have of co operation; that our membership were been held for one month or longer in fifty, seven counties. The average attendance has been of over sixty-six teachers in each institute, lief that such an association would be supand the whole number of teachers in the state ported; if it were practical to establish it; who have received the benefits of these coun- and that no sufficient demand for such an ty Normal Institutes has been 3,780 according to reports in the State Superintendent's office. The success of the institutes has been extremely satisfactory, so much so as to have dispelled all opposition to them. They may house of the character indicated in the resaid to have solved the normal school question in the state, so far as relates to modes of diffusing the benefits of normal education to all parts of the state, and among members, to wit: That the American farmer of our organization, and would, therefore, all the teachers of the state. These institutes is ready to take hold of co-operation at the have proven to be one of the best of instrumentalities for the qualification of teachers, and for rendering more valuable the cause of an and for rendering more valuable the cause of the state. These institutes is ready to take hold of co-operation at the very respectfully refer you to the report of our worthy agent for all needed information relating to this subject.

The secretaries of the fire and life insurand for rendering more valuable the cause of popular instruction.

school system of Kansas, and should be continued. The common school system of Kansas may truly be said to compare well with that of any other state; yet there is room for school system of Aansas, and should be congreat improvement, especially as regards the as to the plan proposed and results aimed tary, treasurer and auditing committee.

intelligent appreciation of their occupation like organization of other associations of like character. in life, as that they may become attached to ment in this respect warrants the conclusion that much more may yet be done.

But the chief educational work of the grange should be among its own adult mem- in the purchase of our needed supplies, and bership. Every grange should be a school of the sale of our surplus product can be systematic instruction; instruction in political counted upon with as much certainty, in and domestic economy; in the principles and methods of finance and taxation; in art, and in the elements of those branches of natural to wit: First, have you the numerical science which relate to the pursuit of agricul-strength, on whose trade you can depend, ture. The occupation of farming will never sufficient to support the business you prohave its proper status of elevation among hu- pose to engage in? If so, can your cusman pursuits till its members shall come to possess, in common with those of other occur secure an amount of paid up stock sufficient come possessed of some knowledge of the facts can you secure the services of an individual of science, now made so accessible to all; and to conduct your business, possessing the especially such knowledge of the laws of plant life, plant growth, and plant classifica- experience, if possible. tion; such knowledge of soils, their various constituents and origin; and such knowledge of animal life, of animal structure, and the classification of animal species, as shall engage their interest and draw them to a love of the natural world around them, and thus to couple with their life of labor a life of in. In this connection permit me to recom-telligent contemplation and enjoyment of the mend to your thoughtful consideration the wonders and beauties of all nature. Every grange should become a nucleus of study and intellectual recreation for the neighborhood intelligent and inquiring minds in the neighborhood, young and old, should be brought together for mutual improvement, with such aids in instruction, and such assistance from libraries and cabinets, as may be commanded, or built up by the combined labor, enterprise and intelligence of all. Then the adult and the youth of the neighborhood alike will bea come employed in that continued work and enjoyment, in those pursuits of material, moral and intellectual improvement, which shall contribute through life, to the advancement and happiness of all. Then, and not till then, through the government of all accounts for bringing about, among our membership. through the co-operation of all, overcoming port, that since the last Annual Meeting, the the disadvantages of neighborhood isolation lengthy report submitted at that time has and infrequent contact, mind with mind, will been printed and widely distributed. Copies such influences be brought to bear upon the of the same are herowith transmitted for the education of the children and the adult popuse of the members of the State Grange at its ulation of the agricultural class; in the common schools, in social life, and in citizenship, At the last Annual Meeting the following as shall bring such education up to a proper resolutions were passed on the subject of edu- standard, and place our class in line in the present grand march in human progress.

Every State Grange, and every county and subordinate grange should have its educational committee, employed to devise and carry out the best plans for the employment of all grange members in some measure of systematic educational work.

Your committee recommends that the State Grange Educational Committee be continued as a standing committee of the organization, systematic educational work for the use of subordinate granges, and to take such action as

Respectfully submitted,

F. G. ADAMS, Chairman. Topeks, Kansas, December 11, 1877.

ADDRESS OF MASTER OF KAN-SAS STATE GRANGE DELIVER. ED AT EMPORIA, DEC. 11th. 1878.—Concluded.

By the adoption of the report of the committee on co-operation, at the last session different kinds of stock; the kinds of fruit of this body, the master and executive com-mittee were directed to procure a charter and proceed, at once, to organize and establish "a state commission and wholesale house at Kansas City, on the Rochdale plan." The charter has been secured, the company organized, and canvassers ap-pointed to solicit subscription to the capital fer you to the report of the president of our

state co-operative association. While on this subject, I cannot refrain from expressing my belief that this move was premature; that it was in advance of not, at that time, and are not now, sufficiently informed as to the true principles underlying co-operation, to warrant the beorganization now exists, as evinced by the fact that we have not, as yet, secured a sufficient concentration of trade through our local, retail associations to render necessary or proper the establishment of a wholesale port above referred to.

opinion, entertained by some of our best operation, and believe the Rochdale plan to ance associations will submit to you their be the best yet presented to our order, but annual reports giving, in detail, all the in-The educational work of the grange has think the same line of policy will have to be formation necessary to a correct understand in many ways a good effect upon the pursued in its establishment in this country standing of the practical workings of their that was practiced in the old county, where respective associations.

shaping of our school work in the direction of at; give them a well defined plan of opera- I have not considered this the proper qualifying our children for industrial pur- tion, and thereby induce them to try it on a time or place for lecturing on grange princi-sults, and directing their minds towards such small scale, which, if successful, will induce ples, and have, therefore, confined my re-

When a sufficient number of local, retail session. it, as being worthy of their ambition, and associations shall have been established to In conclusion; however, permit me to say as suited to the employment of the highest make it profitable for them to concentrate that ours is the only organization, of any endeavors of intelligent beings. What has their trade on a wholesale house, in the considerable magnitude, known in this been done by the grange to influence improved profits of which they are to share, then, but country having for its object the mental, not until that time arrives, will there be any moral and social improvement of those dinecessity for the establishment of such rectly interested in agricultural pursuits.

Profitable, hence successful, co-operation localities where the following questions can be answered in the affirmative, as any venture in ordinary commercial transactions, tomers command the cash at the time of making their purchases? Second, can you pations, qualifications for the highest offices of to guarantee a capital ample to conduct the citizenship; and not till its members shall be. business you propose to establish? Third, requisite qualifications of honesty, integrity and business ability, with the addition of

Having answered all these questions in the affirmative confidence, the only remaining element essential to success will be secured, and I think you are ready to commence the work of organization. Then adhere strictly to the Rochdale plan, and I have no fears as to the results.

propriety of requesting those who are not members of our order, but consumers of our products, to become associated with us in our business relations. This, it seems to in which its meetings are held; in which all me would be found to be profitable to both parties, and in entire harmony with our "Declaration of Purposes," in which we declare that "we desire to bring producers Sheep Scab and Vermin Destroyer. and consumers, farmers and manufacturers, into the most direct and friendly relations possible.

In view of the fact that success in agriculture and stock-growing depends largely upon the amount of information gained from each other as to our successes and failures. and the means employed in bringing about the former, and the causes and conditions for bringing about, among our membership, a general discussion on all questions relating to those subjects in which our agricultural population have so great and so common

Information of the simple fact that any one individual has been successful in the production and marketing of any given crop, or in the rearing and sale of stock without giving, in connection with that information, the means employed in its production, sale, etc., is of no practical value to the public. Means employed as well as results arrived at should be given in detail.

I therefore very respectfully recommend the appointment of a committee whose duty it shall be to prepare and submit to this body a series of questions suited to the de-mands of the different seasons of the year, "including the house and the home as well as the farm and the field," and that this report, after having been passed upon by this body, be incorporated in the published proceedings of this grange, and submitted to

the subordinate granges for action.

This series should, in my judgment, be 3. That the educational interests of the may be practicable to organize such work in composed of such questions as relate to the kind of soil best suited to the production of the several crops grown in this state, and the best time and manner of preparing the ground for the same; the time for planting and the better modes of cultivating, harvesting, marketing, etc.; the relative value of different crops, and the relative profit arising from grain growing as compared with stock-raising; the more profitable kinds of stock, and valuable varieties of dif-ferent kinds of grain; the cheapest, best and most profitable manner of handling, sheltering, feeding, fitting for and marketing our and ornamental trees, vines, etc., best suited to our climate, and the time and manner of transplanting, cultivating, pruning and protecting the same. Also such questions as relate to household affairs and

omestic economy.

When we assumed the duties of master of this grange, we found our state organization in our treasury and our annual expenses in excess of our receipts.

Retrenchment was commenced at our last session by the reduction of salaries of officers, followed by a general system of economy adopted and carried out by those having the management of our financial affairs, resulting in the following:

Total receipts during the year\$3,673.27 Total expenses during the year 2,684.09

Balance over and above expenses

for the year..... \$989.18 For details as to receipts and disbursements, I refer you to the report of our

worthy secretary. As no reports are required of our state agent, except the annual report made to this body, I am not in possession of sufficient information to warrant me in making any The error, if any, seems to have grown information to warrant me in making any out of what I concieve to be an erroneous suggestions or recommendations as to the future management of this important branch

For information as to receipts and dis-

marks to such subjects only as it seems to me should engage your attention at this

The founders of our order labored to per fect an organization suited to the work of elevating the standing, by adding to the general intelligence of the tillers of the soil; and as a means necessary for the accomplishment of its main objects, the better pro tection of our material interests. We have accepted it in good faith, and only need to study well its lessons, and practice its precepts, to make it not only a blessing to those connected with the organization, but all other classes as well.

WM. SIMS, Master.

ADVERTISEMENTS.

HICHLAND STOCK FARM. Salina, Kansas.

THO'S. H. CAVANAUGH. BREEDER OF

HEREFORD CATTLE. COTSWOLD SHEEP,

BERKSHIRE and DORSETSHIRE PIGS.

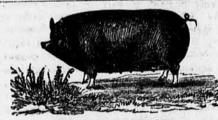
Premium Cattle, Sheep and Pigs for sale. Cor-

SCOTT'S NON-POISONOUS

It desiroys Ticks and Vermin, cures Scab, water proofs the Fleece [by preserving and adding to the natural yolk]. improves and greatly increases the growth of Wool, and costs a little over 2 cents per Sheep.

The compound is warranted to contain no acids or mineral poisons, as arsenic, mercury, &c. Sold by SCOTT & SKENE, Sole Proprietors, Westmoreland, Kansas. Liberal discount to Agents.

PEAR TREES FOR SALE!



PURE BRED

I have now a very choice collection of pigs sired by Imported Kansas King" 1339 and Matchless Liver-pool and out of fine sows sired by my famous old Boar Richard 1059, Lord Liverpool 237, and Lord Liverpool 2nd. Can sell at 'let live' prices and will guarantee satisfaction to every purchaser. Stock all eligible to registry in A. B. Record. Address. SOLON ROG-ERS, Prairie Center, Johnson Co. Kansas.

BERKSHIRE SWINE.



The undersigned baving had many years' experience in the breeding of FINE HOGS, desires to call the at-tention of farmers and breeders to our fine herd of ENGLISH BERKSHIRE Swine.

BLACK PRINCE 1025,

Bred by Heber Humphrey England, at the head of the herd. Our Stock is all Registered in the American Berkshire Record, and for individual merit cannot be excelled. We have sows in pig, sows with pigs by their side, and also a nice lot of pigs now ready to ship, and we would ask all who desire to procure first class BERKSHIRES to write or call on us before purchasing elsewhere. We have also a few choice Short-Horns for sale. L. W. MICKEY, Vinton, Ben-ton County, Iowa.

50 HEAD CLYDESDALE -AND-

NORMAN HORSES FOR SALE.

This Stock is American bred, of equal weight and quality to imported animals, at one-third: the prices asked for Imported Stock. THOS. C. STERRETT, Warrensburg, Macon Co., III.

Sheep For Sale.

About 400 good Mexican Ewes. Also 400 half br English Lambs. To be sold cheap. Apply to

W. C. MAXWELL,

Victoria, Kansas.

FOR SALE.

One of the best farms in Pottawatomic Co , Kan. 280 acres splendld creek-bottom; 60 acres good timber; unfailing spring water pure and good, close to the house and stable; valuable improvements, unsurpassed convicuence for etock raising. Price, 3.000. Three-fifths down and balance on long time. Address, F. E. MILLER, Frankfort, Marshall Co. Kansas

Cotswold Rams.

Nine young Cotswold Rams, and several Berkshire Pigs all from Imported Stock. Also a fine Stallion for agricultural purposes. Weight about 1450 ibs. Address R. E. Norman, Norman, Livingston Co. III.

DIRECT TO THE PEOPLE.

Siving them the usual commission other maker give to agents. The KANSAS QUEEN is the only Do your own business and save \$50. Address with stamp, REER C. SMITH, Proprietor, Burlington,

Breeders' Directory.

W. H. COCHRANE. Emporis, Kan., Breeder of Short-Horn Cattle Stock for sale. Correspondence solicited, Planet, 17948 at head of herd.

H. J, IVES, Mound City, Linn Co. Kansas, makes a specialty of Brown Leghorn Fowls bred pure from the best strains in the U. S. A few choice Birds for sale at reasonable figures. Correspondence Solicited.

JOHN W. CAREY, Canton, Ill., breeders and ship-pers of pure bred Polaud-China hogs. This stock took the \$1,000 premium at Canton, in 1871 over 26

SAMUEL JEWETT, Breeder of Pure Blood Merino Sheep. 200 Choice Rams for rale. Correspond-ence solicited. Address, Independence, Missouri.

H. & W. P. SISSON, Galesburg, Ill. Breeders Young Stock for sale.

FOR Choice Merino Rams and Ewes. Also Importent Canada Cotswolds at Moderate Prices. A ddress, A. B. MATTHEWS, Kansas City, Mo.

M. ANDERSON Salina, Kansas, Pekin Ducks Partridge, Cochin fowls, and White, Guineas., Write to me.

L EVI DUMBAULD, Hartford. Lyon County, Kan-Lass, Breeder of Thoroughbred Short-Horn Cattle and Berkshire Pigs. Young Stock for sale. Corres-pondence solicited.

E. T. FROWE, Wamego, Kansas. Breeder of Thoroughbred Merino Sheep. Has a number of Bucks for sale this year.

HALL BRO'S, Ann Arbor, Mich., make a specialty of breeding the choicest strains of Poland-China, Suffolk, Essex and Berkshire pigs. Present prices 3/4 less than last card rutes. Satisfaction guaranteed. A few splendid pigs, jilts and boars now ready.

WM. HASTIE, Somerset, Warren Co., Iowa, breed or of Short horn cattle, Cotswold and Leicester sheep. Stock for sale. Correspondence solicited.

O. BADDERS, BREEDER OF CHOICE HIGH CLASS
O. Fowns, Leavenworth, Kansas. Brahmas, Cochins, and Leghorns. Eggs in season at 3,00 per setting.
A choice lot of Parridge Cochins for sale cheap.
Correspondence solicited.

K. WALKUP, Emporia, Kans., Breeder of pure Short-Horn cattle. General Butler at head of-herd. Correspondence solicited.

WARREN HARRIS, Trenton, Missouri, Breeder of Short-Horn Cattle with Herd-Book pedigrees, also, Pure Bred Berkehires. Correspondence solicited and promptly answered.

RRANK LEECH, Waterville, Marshall Co. Kansas, Breeder of thoroughbred Short-Horn cattle and Berkehire pigs. Stock for sale at fair prices.

JOHN W. JONES, Stewartsville, Mo., breeder of Thorough-bred Short Horn Cattle of approved blood and pedigree. Also, breeder of Berkshires of the best strains in the United States and Canada.

A LBERT CRANE, Durham Park, Marion co., Kansas, Breeder of Pure Short-Horn Cattle of fashionable families. Young stock for sale cheap. Send for cata'ngue. CAMUEL ARCHER, Kansas City, Mo., breeds Bpanish Marino Sheep as improved by Atwood and Hammond, from the Humphrey's importation in 1822. Also CRESTER WHITE HOGS, premium stock, and LIGHT BRAHMA CRICK-RAM, both bred pure by me for eight years past. Send for circulars. 22 500 RAMS FOR SALE this year.

R. F. AYRES, Louisians, Mo., Breeder of Short-Horn Cattle, Berkshire Swine, and South-lown Sheep. Stock for sale, and satisfaction guaranteed.

SAMUEL JEWETT, Breeder of Pure Blood Merino Sheep. 200 Choice Pares for Carlo Sheep. 200 Choice Rams for sale, Correspondence solicited. Address Independence, Missouri.

W. BLACKWILL, Breeder of Poland-China S inc, and Dark Brahma Fowls; Cedar Rapids, Iowa. Pigs for sale at \$15 to \$50 per head. Eggs \$3,00 per case, containing three dozen.

O. Cook, Whitewater, Wis. Breeder of Spanish in Vermont. Rams and Ewes for sale. Box 104.

W. W. ESTILL, LEXINGTON, KY.

PROPRIETOR OF Elmwood Flock of Cotswolds, From imported Stock. Young Stock for Sale.

Nurserymen's Directory.

500,000 Apple Stocks, 1.000,000 Osage Plants, 50,000 Fruit Trees, 25,000 Small Fruit Plants. &c. Apple Root Grafts put up to order by experienced hands. Send for Price Lists .E. F. OADWALLADER, Miami County Nursery, Louisburg, Kansas:

KANSAS HOME NURSERY A. C. & H. C. GRIESA, Proprietors, Lawrence, Kansas, We ofter for sale home-grown Fruit and Ornamental Trees, Grape Vines, Quinces, Small Fruits, Sh ubbery and Evergreens, Apple Scedlings at low prices; apple grafts put up to order.

STRAWBERRY PLANTS.—The new ones at reduc-ed rates. Send for price list to SAMUEL MILLER, Sedalia, Mo.

TEAM GARDENS. Two acres of Glass. Cat. Flowers and Bedding Plants by the million. Bottom prices. Try us. Frice list free.
MILLER & HUNT, Wright's Grove, Chicago, Ill.

PLOWERS.—All lovers of Plants should send for Catalogue of Geraniums, Fuchsias, Verbenas, Roses &c., to ROBERT S. BROWN. Box 1158. Kansas City, Mo.

VILLA NURSERY AND GREENHOUSES.—Grape Vines from 15 dollars per 1,000 and upwards, ex-cellent plants. Greenhouse plants at lowest eastern prices. Address A. SAUER, Kansas City, Mo.

KAW NURSERY, WYANDOTTE Co., KANS.
General Assortment of Nursery stock. Especially
Apples and Cherry Trees, Grape Roots and other small
fruit plants. Address G. F. Espenially
Box 972, Kausas City, Mo.

HAWKINS & CORNISH, Goshen, N. Y., Growers and Importers of Select Garden and Field Seeds and Choice Seed Potatoes. Illustrated Catalogues free.

Ceneral Business Directory.

D. H. WHITTEMORE, Worcester, Mass., makes a machine that at once pares an Applessices off and separates, Warrauted satisfactory. Price, \$1 and \$1.50 each. Sold by Dealers.

Dentists.

A H. THOMPSON, D. D. S., Operative and Sur-geon Dentist, No. 189 Kansas Avenue, Topeka

GOLD WATCH and CHAIN only \$20 Cheap est in the World. Sample WATCH and CHAIN FREE to agents. C. M. LININGTO N. 47 Jackson St., Chicago.



ACENTS.

Alica Lamp Reflectors, 35c. \$2,00 a
Dozen. Nigger Head Match Safe, 35c
\$2,00 a Dozen. Patent Pocket Stove
\$1,50. Sens for Circulars.

C. W. FOSTER & CO., 62 Canal St., Chicago, Illinois.

WORK FOR ALL

In their own localities, canvasing for the Fireside Visitor, (enlarged) Weekly and Monthly. Largest Paper in the World, with Mammoth Chromos Free Big Commissions to Agents. Terms and Out. It Free. Address P. O. VICKERY, Augusta. Maine.

The Kansas Farmer.

J. K. HUDSON, Editor & P. oprietor, Topeka, Kan.

THE FARMER FOR 1878. past that we have issued the paper as a week ly, fifty-two numbers have been promised and published each year. Notwithstanding the business. The paper enters its sixteenth year with flattering prospects for the future.

for lack of support, no duns for unpaid subscription, no pandering for patronage of any kind. As an independent farm and family worth the money asked for it.

The new year will be here before No. 1 of volume 16 is issued. To our readers, and we feel that you are our friends, we wish you all a happy New Year!

continue to increase in weight. American ing well that its general use would save many tourists report that from the time they land in thousands of dollars' worth of valuable fruit Liverpool until they reach London they have trees to the country annually. C. BISHIR. no opportunity to taste the roast beef of old England. In Old Chester, Royal Windsor, scholarly Oxford, the castle of the kingmaker, even in Stratford, close by Shakespeare's grave, Yankee beef, and only Yankee beef, of your readers are not aware that this annual steams and scents the air. When Will feast, formerly connected with the Agricultu-Shakespeare declared that if his countrymen ral College, is still kept up at Manhattan. only had "great meals of beef and iron and steel, they would eat like wolves and fight like manent and independent organization was devils," he hardly looked for texas cattle to effected by the adoption of a constitution and come to the rescue. Another odd change the election of a hoard of directors, under brought about is the exportation of American whose management preparations are now grape vines to France and Switzerland. Only well under way for holding an institute of attacks of our own miniature monster, the eve of the 15th of January, 1878. In considphylloxera, which we exported to France in eration of the various topics to be brought 1861. This little winged bug has spread over forward on the occasion, the aim will be, to be the Bouches du Lhone, to Spain, Switzerland, practical rather than brilliant. With this Austria and Prussia. The reward of \$60,000 view the board of directors are laboring to se-American cuttings will really answer the pure the various subjects relating to agriculture England with beef, the Black Sea with bread, consideration. and France with wine, we shall have carried the war very far into the heart of Africa.

In an article on "National Prosperity: How it can be obtained and permanently retained." The True Citizen, a finance and trade journal and the interest added to the principal annually, at the rates named:

One dollar, 100 years, at 1 per cent. One dollar, 100 years, at 2 ''' One dollar, 100 years, at 2 ''' One dollar, 100 years, at 3 ''' One dollar, 100 years, at 3 ...
One dollar, 100 years, at 3 ...
One dollar, 100 years, at 4 ...
One dollar, 100 years, at 4 ...
One dollar, 100 years, at 5 ... One dollar, 100 years, at 4½
One dollar, 100 years, at 5
One dollar, 100 years, at 5
One dollar, 100 years, at 7
One dollar, 100 years, at 7
One dollar, 100 years, at 9
One dollar, 100 years, at 10
One dollar, 100 years, at 12
One dollar, 100 years, at 12
One dollar, 100 years, at 18
One dollar, 100 years, at 24 \$40 868 2,208 5.543 13.809 84,675 1,174 405 15.145,007 2,551,799,404

"Many carelessly infer," says the True Citizen, "that the increase of money at six per cent, is just twice as rapid as at three per cent; but in reality the increase is vastly more twice as much, the increase in one hundred years, on any given sum at six per cent. is about eighteen times as much as at three per cent. The increase at five per cent, is about eleven times as much as at two-and-a-half per cent., while at ten per cent. it is more than one hundred and five times as great as at five per cent. The writer adds this paragraph to further illustrate his point :

In Hildreth's "History of the United States," it is stated that Manhattan Island—afterwards results, one extending over twenty one years. called New Amsterdam, now the city of New Try it. York-was bought by the Dutch from the Indians, for sixty guilders, or twenty-four dol lars (\$24) and this only about two hundred and fifty years ago. And yet, if the purchasers could have securely placed that \$24 where it would have added to the principal annually, interest at the rate of 7 per cent., the accumulation would exceed the present market value of all the real estate of the city and county of New York.

Comment is not needed on these figures, but they contain food for the reflection of persons inclined to enter upon a business career with capital borrowed at high rates of interest. It is an undertaking in which but one man succeeds while fifty are wrecked.

THE PARIS EXPO-ITION—SHALL KANSAS

HAVE A REPRESENTATIVET If our Congressional delegation can secure tary of the State Board of Agriculture, as one of the Chief Commissioners to the Paris Expo-sition, its action will not only be approved by Gray's agricultural reports have given him a

national reputation.—Emporia News. If Altred Gray wants to go to Paris, he ought to be sent. There is not a man in the United States better qualified for this position. country, and tell about what he saw and learned in more graphic language, than any

man in the country.—Atchison Champion promptly act, the appointment can be secured. price of farm labor per month?

PROTECTING PRUIT TREES.

EDITOR FARMER: I have noticed in your well enough for an orchard, but I have seen With this number we close Volume Fifteen none which I deem would be as practical in a of the Kansas FARMER. During the four years nursery as the plan which I have practiced very successfully in mine for the last three years. My plan is to catch all the rabbits, extraordinary financial depression among the The way I do it is very simple and easy. I people during this time, the FARMER has stead make a box five feet long and eight inches ily increased in circulation and prosperous square, with the ends open and two treadles square, with the ends open, and two treadles so arranged in the bottom that when a rab-There has been no whining nor grumbling bit attempts to run through the box, these treadles revolve down, letting the rabbit through them into a pit, then they balance paper, it gives expressions upon topics of gent up to their place again, ready for the next one eral interest to its readers. It aims in a plain that comes along. This box I place over a up to their place again, ready for the next one straightforward way to commend itself to its pit five feet deep, in the ground where the readers as a consistent and impartial journal, rabbits frequent. Two or three such traps in an orchard or nursery will soon make the rab- journal. The Eagle says: bits so scarce that what are left will do but little damage. When first set in a new place I have frequently caught four or five in one Shipments of American beef to England night in a single pit. I send this plan, know-

FARMERS' INSTITUTE.

Hutchinson Nursery. Dec. 22, 1877.

EDITOR FARMER: It is possible that some

At its last meeting in January last, a pers our own vines are hardy enough to dely the three or four days' length, to commence on the in tone and interest, and should have a large offered by the French government for any cure, as far as possible, the attendance of live. efficient remedy, is yet unclaimed. Whether practical men to lead off in the discussions of pose remains to be proved. But if we supply and farm interest that may be brought up for

T. C. Henry, of Dickinson county, will deliver an address on " Wheat Growing in Kaneas. Hon. D. B. Long, of Ellsworth county, on " Fish Culture, its Importance and Necessity in Kansas." The various stock interests, including sheep and wool, " the herd law, published in New York, gives some curious the finance question, particularly its bearings figures showing the wonderful rapidity with on agriculture, currency reform and legal tenwhich money loaned at high rates of interest, der, together with fruit and forestry culture. compounded, for long terms, increases. The all to be accompanied with a display of fruits following table supposes one dollar invested, and cereals, will be discussed. So much is a part of the "bill of fare" for the occasion. We hope to have a good attendance of live, earnest, practical men and women interested in all that concerns tarm lite, to all of whom a tree and hearty welcome will be extended, with a double welcome to yourself, should you see 131% your way open to be with us.

W. MARLETT, Sec'y.

BLACK LEG IN CATTLE.

I have just read the excellent arricle in the from this disease, I have given it special at- club agents: tention and investigation, both in this country and in England.

hopeless—nearly impossible—and prevention. MER and the AMERICAN YOUNG FOLKS, and being a system more or less disordered.

I have for years used boiled linseed, given fall and early spring. Since the adoption of this I have not lost a single head, while every year previous, at least one fell a victim. The experience of several afflicted breeders in England gave the same A. M.

TO SUBSCRIBERS.

During the long winter evenings write us an occasional letter. Don't imagine we want fine, high-flown writing. Give us in a common sense way, just as you talk it, the prace tical facts; your experience in farming, fruitgrowing, stock raising, or any other branch by Orange, Judd, & Co., New York) the farm has developed. It you know how to grow flax, or hemp, or castor beans, or broomcorn successfully, tell the readers of the FARMER how you do it. Every man developes ideas which are worth money to others who have not had this experience, and it is \$300. our business to collect and present this information. Besides this we want facts and figures, without exaggeration, concerning your the appointment of Hon. Alfred Gray, Secre- crops and your locality. We sek for our readers. information upon the following points: Wha is the present condition of winter wheat crops? all Kansas, but by the country generally. Mr. | What is the acreage in comparison with last year? What was the yield per acre in 1877? Is there much old corn on hand? What was the yield in 1877? What was the yield per acre of your oats, rye, potatoes, turnips, etc? He would see more while there, learn more What are the present market prices of these that would be of use to the people of this crops, and of cheese, butter, eggs, etc? What is the condition of cattle, and how does the number compare with last year? What was No better selection could be made in Kan- your fruit crop for 1877, and what kinds of sas, and it would be but a slight recognition fruit are successful in your locality? Is there of the valuable public service Alfred Gray has vacant government land in your vicinity? rendered the state, not only in his position as What is the price of wild prairie land? What Secretary of the State Board of Agriculture, are improved farms selling for? What is but also as S-cretary of the Centennial Board, the price of good work horses, of milch cows, at Philadelphia. If our representatives will and and of two year-old steers? What is the YOUNG POLES Sent postage paid one year for

STATE GRANGE EDUCATIONAL REPORT.

We publish the report of the State Grange columns, from time to time, various methods Educational Committee, as submitted at the for the preservation of fruit trees from rabi annual meeting at Emporia. The committee bits, some of which, I doubt not, may succeed appointed for the ensuing year is as follows: F. G. Adams, Topeka; E. M. Shelton, Manhatnone which I deem would be as practical in a tan; and S. A. Felter, Topeka. The following resolution was adopted as instruction to the committee:

Resolved, That the State Grange Educational Committee be instructed to devise a course of systematic educational work for the use of thes ubordinate granges; and, as far as practicable, to organize such work in the granges hroughout the state.

A GENEROUS COMPLIMENT.

The following graceful compliment is from the pen of Col. Murdock of the Wichita Eagle. We hope, Colonel, as Kansas grows, to make the FARMER an ideal of a farm and family

Of all the publications in the interests of agriculture none, east or west, in true devotion to the producer, in manly, fearless and outspoken treatment of all questions pertaining to farming, lead our own KANSAS FARM-It is a publication that should be read by every agriculturiet and stock raiser in Kansas. It is a live, progressive and entertaining family journal, just as much in advance of like journals in the east as our people are ahead of the old fogyism of the older States. The truth is, no tarmer, who is a farmer, can afford to go without it.

OUR AGENTS' TRACKS.

FARMER made us a pleasant call this week.
The FARMER is a good farmers paper, and
Mr Cope is working not a least a pleasant call this week. Mr Cone is working up a large list in our county.- Iola Register.

Mr. W. W. Cone, agent for the KANSAS FARMER, was in the city Saturday, in the in-terest of his paper. The FARMER is a first class agricultural journal, thoroughly Kansan circulation in Linn county.-Pleasanton Ob-

Mr. Cone, traveling correspondent for the KANSAS FARMER was at the head centre during the week. He represents a good paper. just the thing for our farmers. -Burlington Patriot

W. W. Cone, traveling correspondent of the KANSAS FARMER, has been in the city for the past few days looking after the interests of that sterling paper. In apropos we wish to remark right here that the KANSAS FARMER is one of the best agricultural papers in the West, and is run by one of the most enterprising editors in Kapsas. Mr. Cone, we learn, met with a good deal of success in Coffey county.—Burlington Independent.

SEAD IN YOUR CLUBS

Form your clubs and send them in at once so as to commence with the year. Every number will be worth preserving, More than 100 men, as fruit-growers, breeders, grain and produce farmers, west of the Mississippi river, have written us that they will positively contribute for the farmer during 1878.

Get up a club, and secure to the farmers of your community the benefit of a live, progressive paper.

THE HARD PAN CLUB OFFER.

With a list of 10 or more names send \$1 00 for each name, the Club Agent being allowed every eleventh copy for his trouble. Remember, 52 copies are given for a year. No weeks are missed on account of holidays. Mr. Cos FARMER, under this head, and am induced to burn, of Pomona, author of "Coburn's Swine say that naving been a considerable loser Husbandry," has made the following offer to

EDITOR KANSAS FARMER : There is scarce ly a family in this broad state that would not benefited by taking both the KANSAS FAR is the only safety. The cause of the disease although lack of time prevents my giving my personal attention to canvassing, I never neg lect an opportunity to speak a good word for in a mash of chaff twice a week, especially in them to my acquaintances and correspond-

The FARMER should reach a circulation of 20,000 in the next six months, and to add my mite for the encouragement of those who will exert themselves to that end, I will make the following offers:

To the person sending the largest c'ub to the FARMER before February 1st, 1878, I will ship one model Berkshire pig (either sex) descended from my finest strains, worth \$20. To the boy under 15 years of age, sending the largest club to the FARMER before Jan. uary 18, 1878, I will send postpaid, one copy of Coburn's "Swine Husbandry," (published

To the boy of girl sending the largest number of subscribers to the AMERICAN Young Folks before February 1st, 1878. Mrs Coburn will ship a setting of 13 eggs from the matchless Light Brahma fowls, worth F. D. COBURN.

Pomona, Kas., Nov. 21, 1877.

THE FARMER IN THE EAST.

The advertisement of the Kansas FARM ER now appears in the leading journals throughout the northern states from Maine to Iowa, and in seventy-five papers in Canada At this time we are receiving nearly two hundred subscribers per week, trom east of the Mississippi river, and the demand for sample copies exceeds three hundred per week The FARMs ER is making many warm friends

PROCEEDINGS OF RANSAS STATE GRANGE The state grange which assemble 1 at Emoria, Kansas, made it the duty of the sec retary to prepare two copies of the proceed: ings, one of which is to be published in the FARMER. We learn that the secretary is at work preparing those proceedings and they will appear in the FARMER at an early day.

THE KANSIP FIRMER AND AMERICAN

THE EXEMPTION LAW OF KANSAS.

Two or three correspondents from the east tion laws of Kansas. These will appear in next week's FARMER. We will also give the rate of taxation in each county in the State, and much other information from every part of the state, which those who contemplate moving to the state cannot secure elsewhere for so little money.

Our readers will find in this issue of the FARMER the large advertisement of Ross & McClintock, of Topeka, Kansas. This enterprising firm are rapidly extending their business to all parts of central and western Kansas. Our eastern readers may rest assured that the representatives of this firm are bong fide and reliable. The firm stands at the head of the business they represent in this part of Kansas, and can give abundant references as to responsibility.

LESS THAN 2 CENTS PER WEEK.

How to get the KANSAS FARMER FOR ONE YEAR for less than two cents per week, is explained in our new club lists for 1878. More than 2,000 columns of valuable reading, interesting to all members of the household, for less than 2 cents per week. Send for club list and package of sample copies, and assist us in placing the old FARMER in every house-

KANSAS. From Barton County.

This portion of Kansas has received more rain. But our seasons are gradually change ing. I sowed wheat among corn, and plowed it in with double shovel plows, about the 1st of October, 1872, and it laid in the ground all winter; the ground was so dry it did not sprout, but since that winter it has been more moist, more like the winters in the eastern states. But I am told that the winters in the eastern part of Kansas used to be dry and windy, but settlement has brought about a change; this proves to me that the high, rolling prairie of western Kansas will, with settlement and cultivation, be more fertile, No. country ever presented a finer prospect for wheat than the Arkansas Valley at this season of the year. Most of the wheat was sown early and presents a fine appearance; if nothing happens we shall reap a bountiful harvest M. W. HALSRY.

From Butler County.

From Butler County.

Wheat is very promising, owing to the late rains and warm weather it looks as green as October; 35 per cent more sown than last year. The yield for 1877 was short owing to the continued rains, the average was only 10 pushels. Old corn is very scarce, the crop of 1877 was very large and of very fine quality, averaging 38 bushels. Of oats the average was 35 bushels; ryeanot very good, average 8 bushels. Potatoes not good. Turnips good. Peaches, good heavy crop for young trees.

New York, December 24, 1877.

**PLOUR -A ** shade framer; superfine wistern as data. \$4 85@5.15; common to good, \$5 45@5.65; good to choice, \$5 70%600; white wheat extra, \$6 05@6 75; Nt. Louis, \$5 50@8 25.

GRAIN—Wheat a shade stronger and fairly active; the continued rains, the average was only 10 pushels. Old corn is very scarce, the crop of \$1877\$ was very large and of very fine quality, averaging 38 bushels. Of oats the average 8 bushels; ryeanot very good, average 8 bushels. Potatoes not good. Turnips good. Peaches, good heavy crop for young trees. Peaches, good heavy crop for young trees. Peaches, grapes, apples, cherries, blackberries and plums. There is no vacant land or Gov quiet. ernment land; price of unimproved land'varies from \$3 50 @\$10 00 per acre; improved land by the quarter section runs from \$14@40. W. J. ESTES.

From Brown County.

Dec. 24 -The fall wheat and rye looks very promising indeed at this writing We have had very warm, wet weather the past two weeks, which has retarded corn gathering to some extent; some few farmers have finished, still there is considerable to gather yet. The average of corn this fall is probably about 40 bushels per acre, some yielding much more and some less; not much old corn in the coun try. Oats probably average 40 bushels. Rye 20. The grasshoppers destroyed all our fall wheat and rye in the fall of 1876; I sowed some of each after they froze up; the wheat did not amount to anything; the rye was sowed Oct. 25th, and yielded about 20 bushels per acre, and sold all for seed to my neighbor. Spring wheat was quite good, averaging about 15 bushels per acre; not much sown last spring. All kinds of farm stock in excellent BROWN. condition.

From Greenwood County,

Dec. 21.-Winter wheat looks well. Corn is gathered and averages 55 bushels per acre, at 20 cents per bushel. Potatoes, small yield, worth from 40 to 75 c per bushel. There is email profit in hogs this fall; horses and cattle bring good prices. Chinch bugs alive. We want a good water mill. Veryelittle interest is paid on money secured by mortgage. We have a good schoolhouse a and good teacher. J. B. M.c.

From Coffey County.

Dec, 24 -The wheat crop in this county looks better than ever before, in consequence of the warm, wet weather; a little more sown than last year, and averages about 12 bushels per acre. There is quite a goodly amount of last year's corn on hand, and some of 1875. The yield of corn for the year 1877 was from 33 to 35 bushels per acre. Oats averaged about 30 bushels. Rye, very little sown. Potatoes tighter than usual. Corn is worth 20c. wheat, \$1 00; Oats, 10c; butter, 15c; egg, 12c-The trust for 1877 is about as usual, some orchards yielding better than usual. Apples are the principal fruit crop, though cherries do ONIONS-Per bu. well, and gooseberries are a perfect success; SWERT POTATOES-Per bu.....

pears and plums are very uncertain; grapes, in some parts of the county, have been taken have requested the publication of the exemp- by the rose bug, for the last three years; I have vines five years old that never have borne a single grape, on account of this pest. D. C. SPURGEON.

From Cloud County.

Dec. 22-Crops of all kinds are in very good condition. Stock is very plenty, hogs and cattle especially. We have had very warm weather this winter. Hogs are 3c per 1b. Corn 15c per bushel. Oats 18c per bushel. Wheat 78c. The chinch bugs are very destructive to the wheat, and we have had some grasshoppers that have taken the corn.

OWEN SMITH

Atchison Produce Market,

Archison, December 24, 1877. MHEAT—No. 3, fall, \$1 05. No. 4 do., 92c; No. 2, pring, 88c, No. 3, do., 82c, rejected do., 70c.

RYE—No. 2 40c.

OATS—No. 2, 18c, white, 17c.

BARLEY—No. 2, 85c No. 3, 20c rejected,—c.

CORN—II. the ear. 29c, shelled, 29c, new corn, 24c.

FLANSEED—\$1 00.

Leavenworth Produce Market.

LEAVENWORTH, December 24, 1877. WHEAT—No. 2, not quoted; No. 3, \$1 00@1,05; To 4 90c; local demand good, but prices subject to a decline.

CORN—Market price for choice white 26@2Sc; yellow, 25@27c; shippers paid 26@27cts.

POTATOES—Early Rose, 40 to 45c; Peach Blows,

Leavenworth Live-Stock Market.

LEAVENWORTH, December 24, 1877.
CATTLE—Butchers are paying 3 to 3% cents. No cattle in the market for shipping. Mutton 4 to 4% cents live, and not much in the market.

HOGS—The prices paid were 3%@3%c, and none coming into the market.

Kansas City Produce Market

WHEAT—Stronger; No 2, winter nominal; No. 3, \$103\\ 01 \ 013\\ 101 \ 102

Seed Market.

Elevator Rates and Commission

Following are the rates of storage on grain in Kansas City, in effect since February 10, 1877;
Wheat, rye and barley, first fitteen days, 2c per bushel; corn, first 15 days, 1-c. per bushel; oats, first 15 days, 1-c. per bushel
Commission charges for the sale of grain, are as follows:

follows:
Wheat, 1%c. per bushel; corn, oats and ryc, 1c. per
Wheat, 1%c. per bushel. bushel: bailey, 2c per bushol.

By resolution of the Board of Trade, the first charges on all grain received and sold in store in Kansas City, are to be paid by the purchaser.

New York Money Market.

New York Money Market.

New York, December 24, 1877.

GOLD—Dull at 1023/
LOANS—Carrying rates, 2@5 per cent, Exceptional loans made flat.

SILVER—Bars, 1201/2 greenbacks; 117 pold; silver coin. % per cent. discount.

BONDS—Governments weak and lower. Railroad bonds firm. State securities quiet,

STOCKS—The stock Exchange closed at 1 o'clock this afternoon, the governing committee having subsequently decided to close up business from that hour until Wednesday morning at 11 o'clock a. m.

The market closed very strong, and the bulls had complete control up to the closing,

New York Produce Market.

NEW YORK, December 24, 1877.

changed.
WHISKY—A shade firmer at \$1.10.
PROVISIONS—Pork, mess steady PROVISIONS—Pork, mess steady at \$13.25. Beef quiet. Long clear western middles firm. Lard, prime steam steady at \$8.15@8.18.

St. Louis Live-Stock Market. ST. Louis, December 24, 1877.

packing. \$3 75@3 90. Receipts, 4, 00.

CATTLE—Very dull demand and supply very light.

Not much revival of trade expected till after New Years. Receipts 265. SHEEP-No shipping and very light butcher demand. Receipts, 3

Chicago Live Stock Market. CHICAGO, December 24, 1877.

CATTLE—Receipts, 1,000. Choice cattle scarce; sales of steers at \$6 65@4 65.

HOGS—Receipts, 12 000; light and mixed packing, \$4,00@4.10; shipping grades, \$4,15%4.25.

SHEEP—Receipts, 800; sales, \$3.25@3.59.

Topeka Retall Grain Market. Wholesale cash prices by dealers, corrected weekly by W. Edson.

OATS—Per bu.

RYE—Per bu.

BARLEY—Per bu.

FLOUR—Per 100 lbs.

No. 2.

No. 3.

Bye.

CORN MEAL—

CORN CHOP—

RYE CHOP—

CORN & OATS—

BRAN—

BRAN—

Topeka Butcher's Retail Market.

Roasts

Fore Quarter Dressed, per lb.

Hind

By the carcass

MUTTON—Chops per lb.

Roast

By the carcass per lb.

VEAL—Steaks per lb.

Roasts

By the carcass per lb.

PORK—Steaks per lb. PORK-Straks per lb.
"Roast ""
"By the curcass per lb.
SAUSAGE—Per B.

Topeka Produce Market. retail price list, corrected weekly by J. A. Loo

۱	Country produce quoted at buying prices		
۱	APPLES-rer bushel		
	BRANS-Per bu-White Navy		
ı			
۱	Medium	2 25	
ı	Common	1 50	
1	Castor	1 25	
۱	BUTTER-Per lb-Choice	.17	
١	Medium	12	
١	CHEESE-Per lb	10 to 1234	
١	EGGS-Per doz-Fresh	18	
١	LOMINY-Per bbl	5.25to5 50	
ı	VINEGAR-Per gal	20.40	
ı	POTATOES-Per,bu	.50@ .70	
	POULTRY-Chickens, Live, per doz	1.5021.75	
И	Chickons Dressed per th		

130V14120	1000	heww	 	 11000		
Joist and	Scant	ling	 			22.50
Rough b	oards					22.10
THOUGH I	**	No. 2.				20.10
Fencing .						22 50
Benerng .						20 00
Common						95 00
	DORIG					97 50
Stock						95 00
						40 10
970						48.00
"						12.50
Finishing	z Lum	oer	 	 35.00	to	55.00
Flooring			 	 25 00	to	35 00
Shingles			 	 3.00	to	4.00
Lath			 			4.60

Leather Market.

Corrected weekly by Hartsock & Gossett, Dealers in Hides, Furs, Tallow and Leather.

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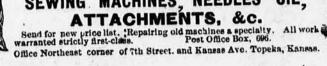
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No. 18. Two lots on Tyler, front east, \$400. Choice lots.

No. 146 808, 310 and 352 Tyler, near Hammatt's residence, \$375 109, 111 and 113 Taylor. Only \$250.

No. 347: One of the nicest places on Topeka Avenue, between 6th and 5th. Only \$2,800. Terms Avenue, between 6th and 5th. Only \$2,800. Terms to suit.

No 349. \$630 buys, on Adams street 11ct, 4-room house in nice order, convenient to \tau. T. & S. F. R. thops. tash and time. Re ts for \$10 per mouth. No. 350. Two good lots front east on Jefferson street, 3-room frame house, well, and summer kitchen on Jefferson street, near A., T. & S. F. R. R. shops. Only \$550. Cash and time. Rents for \$10 per month

No. 350. One 6-room and one 4-room house on Jefferson, fronts east, between 5th and 6th, \$1,500. Cash and time. Both will rent for \$30 per month. These are bargains.

These are bargains

No. 351. Fifty-room hotel, all complete, in one of the best towns in "isconsin, railroad and river town, only good hotel in city, 3-story brick with cottage and grounds. Price of hotel, furniture, cottage and grounds, only \$12,000. Hotel alone rents for \$1,000 a year. Will trade or exchange for Kansas lands, improved or unimproved.

No. 352. Now you that want a house for nothing, now is your chance. Lots 467, 469 and 471 Lincoln street, with new 1-story frame house, fronts east. All for \$300, and front thrown in.

No. 353. Farmers' flouring mill, North Topeka, for tent.

No 354. Five dwelling-houses, in one of the best localities for renting in the city, to exchange for a No. 1 farm.

No. 355. Two good brick business houses in Mt. Vernon, Illinois, to trade for Kansas lands, farm or city property in Topeka. Mt. Vernon has a population of 3,000, county seat of Jefferson county. Price of property, \$12,000 Stores rent for \$1,100 a year.

tion of 3,000, county seat of Jefferson county. Price of property, \$12,000 Stores rent for \$1,100 a year.

No. 356. A fine residence in Mt. Vernon, Jefferson county, Illinois, to trade for Kansas lands or farm. Price \$2,000 and cheap.

No. 358 Valparaiso, Indiana, fine brick residence, clear of incumbrance, worth \$3,000 cash. Will exchange or trade for property in Topeka, or within one mile or two of city.

No. 361. One of the finest residences in the city for \$6,500.

No. 362. Another fine residence on Harrison street, \$45500.

No. 363. Four-room house, blinds, piazza, summer kitchen, closets, pantry. etc., stable and well; 1½ lots; choice location, \$1,500 cash and time.

Five-room house, blinds, everything comfortable, \$1,800, both on 8th avenue, front south

No. 364. Good six-to-m house, 1½ story, blinds, cellar, basement, well, cistern, stable etc, on van Buren, only \$1,500 cash and time, between 7th and 8th, front east, 3 lots.

No. 365. Three lots, 6th avenue, six-room cot-

No. 365. Three lots, 6th avenue, six-room cottage house, blinds cellar, stable, coal-house, all complete only \$1 350 cash. This is the of the best bargains in the city.

No. 366. N w we have you! 24 lots, corner Buchanan and 6th avenue, with good eight-reom house, \$1.500 cash. The lots are worth \$2.400, house would cost \$1,200 more making \$3.600 so you see we give you \$1.200, say nothing about the well and fence, for taking the property.

cight-room house 6 lots, frice berre, everything complete, on 6th avenue, only 1 mile from corner of 6th and Kansas avenues, walk all the way to house. This is a desirable bargain
In conclusion let us say we have large additions to the above list, some great bargains and desirable property.

Truly yours,

ROSS & MCCLINTOCK,

Topeka, Kansas.

ALSO, we have, in addition to our four-column land-list, to be found elsewhere in this

ALSO, we have, in addition to our fourcolumn land, list, to be found elsewhere in this
paper, the following lots of land for asl:
No. 399. You can't beat this. Eighty acres choice slope
land, 60 under cultivation, stable, hedge and board france,
3 wells, small orchard, 8 miles from Topeka. 1½ miles
from a station and pot office, desirable place. Only
\$1,800. Cash and time. Plenty of good range.
No. 90. One hundred and sixty cres, ne qr 23, 10, 12,
Pottawatomic county, 1 mile from St Marv's, all bottom,
beat land in Kansas, \$14.er acre. C.sh and time.
No. 91. One hundred and sixty acres, a w qr 2-, 10, 12.
Same as above.
No. 92. Eighty acres, n hf s e qr 23, 10, 12. Same.
No. 93. Forty a res, w qr of s e qr 23, 10, 12. Same.
No. 93. Forty a res, w qr of s e qr 23, 10, 12. Same.
No. 94. Bw qr sec 4, township 2, range 17, in Phillips
county. All bottom and slope land, Deer creek rans
through it, 15 acres broken, log house, 2 miles from Phillipsburg, county seat \$400 takes it.
No. 99. B if s qr sec 9, 13, 14 Eighty acres choice
land, upland, good neighborhood. Price \$400. Come and
make us an fiter. This land must be sold.
Woolen mill, all complete, to trade for a good farm in
Kansas. This must be a No 1 isrm in god locality. The
mill cost \$1,600, but will be put in at \$300. If farm is
prop pritonately low, will take stock and farm implements.
Several im roved f-rms in Wasbingto county, lowa, to
trade for Kansas farms.
Good one-story frame house, three rooms and pantry,
large poultry house, good cosh house, ve nice lots, well
fenced, plenty fruit, all bearing. Pr co \$300.

T. R Acres. Price

Correspondence is solicited from those with ing to move to Kaness, or from persons de siring of making investments. Address,

Topeka, Kaneas

Literary and Domestic.

KHITKII BY MES M. W. HITDBON.

DARNING AND THINKING-A CHRISTMAS MEMORY. BY MRS. M W HUDSON.

What a relief it is to the nerves of the perplexed bousekeeper to have a basket of darning to fall back upon. When there is so much to do that one cannot decide what to do first, what a restiul feeling it brings to take up a worn stocking and darn and rock ones self in an wasy chair, conscious of fulfilling a duty and yet with the mind free to wander at

As the holidays approach, how involuntarily we go back to the rosy time when it was all a holiday; when the ordinary days played so small a part in our calculations that we took no note of them. And how natural it seems as we take up the worn threads one by one, to compare them with the lives of old-time associates. Many have vanished entirely, cut short, like the broken yarn by burdens too heavily imposed, only to be replaced by new material, new humanity, new interests. Many threads yet visible are almost ready to part, like the track of some life that has faded almost out of our recollection, but suddenly the memory of a beautiful head, of a drooping eye, or a ringing footstep, brings to life and sets going on the pathway a long forgotten companion; we stop and wender which way the path has tended since it parted from ours, whether up or down, into deep, waters or through pleasant pastures, then pay the tribute of a sigh and pass on.

But here and there a few sound threads, originally stronger than the rest, or more fortunate in wear and tear, still span and hold in shape the gaping hole, and so across the gulf of time and forgetfulness, affection throws some gleaming arches that hold us firmly to the "Auld Lang Syne."

Over the highest and strongest and brightest of these walks the father and the mother. hand in hand, spiritually keeping pace with our pace, whatever may betide, their sympathy never lags behind, whatever honors may come to them they never go on before.

Over one of these bridges we see walking two people between whom no shadow has fallen for many a year, and it is of them, when we were all young together, that this memory is written, and to them as husband and wife is dedi-

. In that mystic time the prettiest girl in our town was Annie Broadwell, or so we will call her, because that was not quite her name; but no matter what her name, since she was fair and sweet; blushes that dyed other girls' faces crimson, were only flitting pink tinges, lovely as the reflection of a rose petal,on hers; her voice was soft and low, a woman's greatest charm; and one might watch au hour to catch a glance into her bashful eyes, and then not know what color they were, mischief shown in them though, when, they did look up, and she was first in all merry-makings ing upon God alone to provide her with what summer and winter; but as for that how couls she help it, when the first invitation alway, went to her, and she stood as "Orpheus" said, for the " figurative head" of the aristocracy of the occasion. Many a girl with more money his first frock-coat and his opportunity to pay his addresses and declare himself; and to be and thus lend to the Lord. displaced, alas! by the next newcomer or the next comrade out of jackets. Like grasshoppers (it has become so habitual with Kansas people to compare everything to grasshoppers that we hope we may be pardoned by our old schoolmates for thoughtlessly beginning this. one) like grasshoppers, we were going to say, they burst the bonds of their roundabouts one after another, all for her, and put on coats with enormously long tails which made them look not unlike the orthopterous insects when breezes.

The new beaux too, invariably took their fell dead on the spot, so far as love for any her, but cannot. other damsel was concerned; others were only bruised and went on their way sorrowing, and all wondered why so sweet a girl should be so heartless.

All but one, one John we will call him for short, and pretend that is not his name either We could not give him a long and dignified name, for he was not long and dignitied him: than being long or dignified according to our notion, and perhaps Annie thought so too, though nobody suspected it then, any more than they suspected him settling imaginary every night in the dreams. He escorted her sent Mrs. Bissell's kind and earnest letter. occasionally when no one else seemed to have a paramount claim, but he never hung around at the foot of the list nor even took the second place. If the coast was clear he took Annie else could fill, no one minded it less than Annie solidity, and entertain by its variety. Al-

ly and escape that, but she did not seem like a reading, injures the memory, and had better her friends, and yet what must they think of crime, horrifying scenes, which fill up the colher, and what could she do. Once in a while umns of many of our dailies ought never to John would come home on a visit, but each come within pale of a child's imagination. time he claimed less and less of Annie's socie- But few people realize, perhaps, how much ty, there were always new members in the injury the relation of such incidents, percircle and new claimants for her hand, and though we suspect the latter, true lover-like saying to himself, he would have all or none. are much better for the young, than enough, and going straightway to Annie's home in the middle of the forenoon, he deterthat very evening; her acceptance or refusal refused he would go to Kansas or South Am- quent discussion before them. erica and never trouble her again. If she acwould be time enough after the party to de- water, like Longfellow, Bryant, Whittier, &c., cide what to do next.

When Annie met him at the door he noted the pink blush and the modest fall of the eye and profit. but he put no trust in them, they had kept him hoping so long that he was determined that she had never refused his escort, but put the simple question almost desperately, and when she began to answer, " I have promised to go with Max Vaughn," he was ready to burst with rage; "but, but," she continued, with a tremor in her voice that transported him to the seventh heaven, "I guess I'll go with you, John."

We only know further that John was heard to mutter something like "fool I've been." and a low, sweet voice said something about waiting all these years," but we did not care to know more about that interview. They went to the party together and thence forth on life's journey; come fair or foul weather, they were pledged to each other, and in all these years the pledge has been joyfully renewed every Merrie Christmas. What more beautiful tribute can be paid to wedded

DEAR MRS. HUDSON: My sympathy was aroused, yesterday, on reading in the Chicago Inter-Ocean, of the faithful missionary work in Turkey, by Mrs. Anna V. Mumford, an American lady, widow of a Union soldier. It is there stated that she has given herself, body and soul to the missionary cause ; that she labors faithfully and steadfastly in face of danger and privation; forsaken by all other missionaries, she remains true to the glorious life-work she has chosen, refusing to leave her post" when there is so much suffering she can help to mitigate."

The writer of the article further states that she is without means as well as friends " relyfunds she needs, over and above her widow's

I cannot do the subject justice, for I respect and love such women; such noble, heroic, self sacrificing Christian work always awakens and more dresses, and more aristocratic famin in me a desire to do all, however little that ly graced those occasions, but Annie was may be, for the benefit of my fellow creatures, queen, the undisputed village belle, because and when I read of a woman laboring so she was just such a girl that men must be bravely alone, without a word of friendly stupid not to fall in love with; but there cheer or encouragement, or means to relieve were no stupid men in our town ; every school- the suffering around her, and remember she boy grew up worshiping her, and only waited is ministering to women and children; then I wish for wealth, that I may give to the poor.

Oh! will not persons who possess means especially women, have a serious charge to answer in that day when money will be the least of all things considered. "Inasmuch as ye have not done it with the least of these. my brethren, ye have not done it with one," will be fatal words to those who could have given to God's poor and did not.

I think the account is reliable, at least have no reason to doubt it, and write to you because you have influence and a medium of they step out of their coat of mail and unfurl circulation that I have not. Perhaps an artitheir long and glossy wings to the prairie cle upon the subject, in the FARMER may arouse, in the hearts of some, a desire to send cheering words, if not more substantial aid, first outing with her; every mother's son of to her who is "enduring all for Christ's sake." them plunged headlong at her heart. Some I would like to be the first to raise a fund for Barton county, Kansas.

It hardly seems possible that one woman, who is willing to devote her life to missionary work in a heathen country, where the peril is so great, and the volunteers so few, should be allowed to suffer for the necessities, or even to want for the luxuries of existence, while there are so many religious societies himself, but he was jolly and independent and cheerfully employing laborers in foreign miseverybody's friend, which was much better sions; even if we felt it right to send money to Mrs. Mumford without a thorough investigation of her character and work, we would have to be convinced that the best thing those who have little to give can do, is to send that litaffairs of honer with her long line of admirers the to Turkey. But we very cheerfully pre-

HOME READINGS.

BY, HELEN A. RAINS. As the long winter evenings approach, when and had a good time, if it was not, he took the chilling blasts and biting frosts lead one some other girl and had a good time too. But to appreciate the warmth and light of the of a cup of warm water, three cups of flour, none of us "go on forever," and after a while family sitting-room, care should be taken to John went away to seek his fortune, and if furnish the reading table with suitable maoccasionly there seemed a gap which no one terial, which shall improve the mind by its slices of citron.

ever. To be sure she was called a coquetce, tion imparted by the newspaper world, yet teaspoons of baking powder, the juice and no girl can lavish her smiles so promiscuous. reading too many newspapers, like proofheartless flirt, she was too gentle and true to be dispensed with. Besides, incidents of meated with crime, can do the young. One John stood back as of old, modestly or defis or two good illustrated monthlies, with notes antly, we are not prepared to say which, of travel, scientific researches, and now and then a good story, even if it is fictitious, But at last he came one Christmas to find a gay these relations of facts we find in our cavalier taking all the girls' hearts, by storm | city papers. Histories are always interesting and paying his very especial court to Annie. and instructive, and no reading table should It was a drop too much, he had waited long be without them. A standard history once mastered becomes, in the main, a possession for all time. Children should early be taught mined to invite her to go with him to a party to acquire a taste for such reading, by placing works of this kind in their way, and making recipe will make light, flaky crust, and such should decide his subsequent actions; if she their scenes and characters a subject of fre-

Volumes of poetry, like Moore, Tennyson, cepted in the face of this new light, well, it Keats, or even those upon our own side of the have a refining and elevating effect upon the mind, and will always be read with pleasure

Poetry has infused its bewitching melodies into our literature for hundreds of years, ever to know his fate. He did not stop to consider since the "stars sang their sublime cadences becoming blind to many of the grand and advertisement in the Kausas Farmer. beautiful scenes of nature.

> Fictitious works, while their characters are cometimes overdrawn, are not without their relative merits. It proper care is taken in its selection, you will find a work of this kind ntroduced into the family circle will prove a valuable acquision to the reading table.

A good novel by such writers as Mrs. Harriet Beecher Stowe, Marion Harland, Mrs. Holmes, Edward Eggleston, Louisa M. Alcott and others I might mention, does the readers no harm. Their brilliant conceptions and vivid deliniations of character illustrate human nature, and the different grades of society in all their conflicting lights and shades, and these, having the charm of every-day life and actual existence about them, give us an insight into a world which we may have only seen in embryo. Yet fictitious works of the very best ought to be indulged in after long intervals of abstinence. One of the greatest evils following their perusal is the tendency which many experience to continue a course of light reading to the exclusion of all other books of a more substantial order.

Works of travel, histories of discoveries in the animal, vegetable and mineral kingdom, by men of science and renown, should never be absent from the household library. Here in the family circle the young student gets a clearer insight into the physiognomy of tress and plants, the peculiarity of the different minerals scattered over the face of the country, the phenomena of coloring and its degrees of intensity as we approach the tropics. These tems of interest, when read and discussed in the family circle, have an attraction which is seldom noticed in the school-room, and ennance with a peculiar vividness any lesson in botanical geography the scholar may be pur-

It is a mistaken idea that the scholar gath. ers all the information he may ever expect to obtain within the four walls of the schoolroom. Home readings by the winter fireside, under the direction of judicious parents, have more to do toward forming the characters and disciplining the minds of children than all the instruction they will ever receive at school.

How necessary then to be able to distinguish the gold from the dross interat ure. either ancient or modern, and to select such works, and only such, whose impressions will be the most edifying, purifying and permanent.

Mt. Ayr, Iowa.

HAZLE-NUT BUTTEB.—Scald and blanch's pint of hazle-nuts pound them to a paste in a mortar, adding gradually a small quantity of butter. This is excellent eaten on wild HAZLE-NUT BUTTER .- Scald and blanch's of butter. This is excellent eaten on wild fowl or to flavor the most delicate sauces.

MACAROONS .- Are very nice made of hazle nuts instead of almonds, by the following recipe: Whites of 4 eggs beaten; 1 lb sugar stirred in gradually; 1 lb of nuts, scalded, skinned and pounded with a little of the sugar, then stirred in with the sugar and eggs. Drop from a teaspoon on buttered paper or tins.

DOLLY VARDEN CAKE .- Four eggs 2 cups white sugar(I like the granulated best),15 cup butter. Beat this hard half an hour, then add 3 cups of flour sitted light, 1 cup sweet milk, 2 teaspoons of baking powder. Beat well together. Take out half the quantity in another dish, add to this 1 cup of raisins stoned and chopped, 1/2 cup of currants, 1/2 a nutmeg, 2 teaspoons of cinnamon, 2 of cloves. Bake the light and dark in separate dishes about one inch thick; put icing between and pile them up as cocoanut or jelly cake. Very nice.

CREAM SPONGE-CAKE.—Beat 2 eggs in a coffee-cup until light, and then fill the cup with sweet cream; add 1 cup of sugar, 1/2 tea/ spoon of sods, 1 of cream of tartar, one and one half cups of flour. Should sour cream be used omit the cream of tartar.

PLAIN FRUIT CAKE .- One cup of butter two of sugar, half cup of molasses, two-thirds five eggs, one teaspoon of sods, nutmeg, cin-namon, cloves salt, one pound of chopped raisins, two-thirds ofgs cup of currents, and

ORANGE CAKE .- Two cups of | sugar, yolks the spoke of him like the rest, as an old friend though it is necessary to be come acquainted of five eggs, whites of two eggs, half a cup of

and smiled upon her new lovers as sweetly as with much of the local and general informa- cold water, two and one-balf cups of flour, two salt; bake in jelly cake tios. Beat the whites 1878. two eggs to a stiff froth, add seven large tablespoons of powdered sugar and the grated rind and juice of one orange. Spread this be-tween the layers. If you like the taste of or-ange, you will like this cake.

MINCE PIE CRUST -"M. L" writes to the Detroit Free-Press as follows: "I noticed an of the Union.

The DAILY SUN is a four page sheet of 28 columns; inquiry in the last 'Household' as to a way of price by mail, post paid, 55 cents a month, or \$6.00 making pie crust without folding and hammering so unmercifully with a rolling-pin. I sheet know of one very good way, for I have just made a beautiful looking and delicious tast ing apple pie. For one pie take a heaping coffee cup of flour, throw it into your dish; into this put a bounteous tablespoon of lard and a pinch of salt. Do not rub the lard through the flour as you would for biscuits, but pick it up-here and there-as it were; then put cold water enough to moisten; throw it on your paste board and roll out. This as you can give to children, or may be eaten by the most confirmed dyspeptic without inju ry. This is most respectfully submitted for trial, even to the lady who thinks 'lard pie crust an abomination.' Others have thought the same and been cured by this prescription.

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SATIN in all colors from \$1.00 upwards. Elegant double faced satin ribbon. No. 16, only 75cts per yard. REAL OSTRICH TIPS 50 cts. 75 cts, \$1.00 and upwards. Elegant line of French flowers at very low figures. Do not fall to address or call on MERS E2. C. MESTRE ALLE.

MRS. E. C. METCALF, site Farmer Office, TOPEKA, KANSAS

COWS HOLDING UP MILK.

A correspondent of the Queenslander summarizes the physiological peculiarities of the mammary glands of the cow in the following manner, thus explaining why cows can "hold up their milk :"

The bag or udder is divided into four parts, entirely distinct from each other, except as they are held together by membranous liga. ments. The milk in each is held in confluent tabes, which like the roots of a tree, are all concentrated into one, just above the teatthe milk entering that funnel shaped organ by a single channel. Just the upper end of the teat the walls of this channel are contracted, and the contraction is surrounded by a band of muscular fibres. The will of the cow can operate on this band, contracting or extended to the contraction of the contra panding it at pleasure, making it operate like a valve. At the junction of each smaller tube with a larger one is a similar contraction and band, also under the control of the will. Ordinarily, these bands are contracted (as in the neck of the bladder) so that the milk has to crowd its way through them to get from the smaller into the larger tubes. This is an adweight of the milk equally in all parts of the udder, and preventing it from pressing heavily upon the teats. When the udder is full, if the milk is drawn out of the teats, relieving cultiv the pressure in them, it requires a vigorous effort of the will of the cow to prevent the pressure above from crowding the milk down to fill the vacancy. If the udder is only parts ly filled, she can hold the milk back more easily, and the less there is in it, the more easily can she maintain the tension of the muscular bands necessary to prevent entirely the milk from flowing through them. When the milker first takes hold of the teats and begins to milk, the excitement causes the cow to contract the bands so firmly as to hold back the milk perfectly for a time. But presently this vigorous contraction will begin to slacken, and the milk will begin to pour through, and if all is quiet she will relax the bands fully, when the milk settles down upon the tests, and if quickly drawn it can all be milk. ed out to the very last drop. But this perfect relaxation will only last for a short time. If the milk is not soon extracted she will begin to tighten up the muscular bands again, and the last part will be held back and permanently retained when the milker probably thinks he has got it all, because it stops coming. A cow should, therefore be milked quickly as well as quietly. A calf will draw milk in three minutes, and a milker should come as near that time as possible. If the time of milking is much prolonged she will become impatient, and be sure not to "give down" perfectly. The quietest and quickest milker gets the most and best milk, because he gets all the "strippings," which are the richest

ADVERTISEMENTS.

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Land and Real Estate

AGENCY OF-ROSS & McCLINTOCK,

Topeka, Kansas.

LAND, LAND, LAND READ.

No. 260. One of the best farms in Wakarusa valley; 160 acres; 4 miles of good hedge; poor house and stable; some out-buildings; 300 bearing fruit trees; bottom land; plenty of living water, etc.; 2 miles to depot on A., T. & S. F. R. R. Price \$3,000.

No. 261.

Twenty-six acres; nice place, all under good hedge; good stone house; nice bearing orchard; good spring; out-buildings; 4 miles east of Topeka. This is a nice home, in a good neighborhood. Frice only \$1,200. A bargain. No. 261.

Eighty acres, choice prairie, all under good fence and ultivation; 8 miles southeast of city; \$1.50. Plenty of apge, and good neighborhood.

No. 268.

Eighty acres, all under feace and good cultivation; one story frame house, two rooms; good corn-crib. All Kansse river bottom. Five miles from Topeka. No. 269.

One hundred and one acres, all Kaw bottom; 75 acre under cultivation; poor house, 1% story; good wire and hedge. Three miles from city. Choice farm; \$3,000.

One of the best bargains in the state; 320 acres in Atchison counts, 25 miles from Atchison, 12 miles Valley Falls, 25 Miscottal; 240 acres under cultivation arge 2 storey frame house, 5-to 10 rooms; good out-buildings; good orchard; all under good fence; plenty of water; good neighborhood; plenty of range. An A No: 1 home for \$7,000. House has blinds and newly salutade.

One hundred and sixty acres; all under fence, stone and rail; 80 acres tumber, 80 bottom under cultivation; 1% story stone Louse; stone stable; good running water. Spiendid stock iarm. rour-and-shalf miles from City. Good orchard; all for \$3,200. Can be bought for

Sixty acres, Lot 3, Soldier Township. All under cultivation; 1 story frame house, 6 rooms. Terms and price to suit. No. 277.

One hundred and fifty-seven acres, southeast of city cood house, barn and orchard; all under fence; plent if water.

No. 279.

One hundred and sixty acres, 60 under cultivation: 1 story frame house, 5 rooms; all under hedge ience, cross hedge; good well and coal on the place; 15 miles southeast of Carbondale. This is a desirable and cheap farm for \$1,800, cash and time.

No. 280.

No. 231.

One hundred and six acres, 60 under cultivation; 15 story new stone house; good stable; 100 acres under good board fence; all bottom and slope land, 45 milet from 5t Mary's mission, on Cross creek. Stock and farm implements can be bought with farm, all at a bar

No. 283.

Ninety-eight acres, 50 under cultivation; 1); story stone house and basement, 9 rooms; stone barn; all feuced, good hedge; large fruit orchard; 2); miles south of City. Price \$5,60. No. 28%

Two hundred acres, 5) under cultivation; ordinary transe house, 5 cooms; classe stone stable; 100 acres fenced; cornectb; 9 mnles from Topeka; 43,500. Ought to be bought for less.

Two hundred acres, 30 ander cultivation, 40 acres good oak timber; good double log house; good old-iashloned rall fence; running water -to exchange for Topeka property. This property is situated 3 miles from St. Catharine, Lyon County, Missouri. Price 3,500.

Three hundred and twenty acres, some young timber, 250 under cultivation; large frame house, 6 rooms; slifene a good, 4% miles from central Branch R. R., 13 miles from Atchison. Price, \$4,500, and cheap.

Minnesota farm, 200 acres, 160 improved. good two story brick house, sit complete: warehouse and other out-buildings; good young orchard; % of mile from railway stadon. Lansing, Mower Co., Minn—To exchange for good farm in Kansas. This is an A No. 1 farm, worth \$8,000. No. 295.

Seventy-three acre farm, all finely improved for garden-ing; large fine brick house; fine barn and qut-buildings; 25; from Winona, Minn. This property is worth \$10,000 —will be exchanged for good farm hear Topeka. No. 296.

One hundred and thirty-flye acres, some timber; no buildings; \$5 acres under cultivation; 470 rods of good stone k-nec. This farm is 12 miles from Topeka, in a splendid neighborhood; plenty of range. Chesp at \$3,000.

No. 297. Seventy acre farm, 85 under cultivation, 35 timber and water; poor buladings; small orchard; 6 miles from Topeks; 4800. Cash and time takes it. Good stock farm.

No. 298.

Osage county farm 80 acres, 40 under cultivation; well fenced with hedge; old brick house, one story, lox24; stable; good orchard. Farm on Dragoon creek, 1 mite from Burlingame, Price \$1,600; cash and time. No. 800

Jefferson county—110 acr. s. 5 of timber, 70 under cultivation; one story frame house, 8 rooms; frame stable; grain bins; 100 acres under fence, hedge, board and rail, took creek runs through the farm. Good apple and cherry orchard; 1½ miles from Meriden Station, on the A. T. & S. F. K. I.s.; \$1,000 can run four years. Frice of farm \$2,000—cheap as ort. Only 12 miles from Topeka.

No. 801.

No. 301, One hundred and twenty acres, some timber, 30 under cultivation: 1% story frame house, seven rooms; stone stable, hay root; cornecth and grainery; all fenced, rail, board and hedge; good orenard; near railway station on A., T. & S. F. M. R. 10 miles south cast of Topeka; \$25 per acre—perhaps less.

No 503

With each Subscription for 1878 at .1 O

We will send One Dollar's worth of Choice, New and Reliable Seed, either Vegetable or Flower Seed, or It Paye to Reliable Seed, Payer to Reliable Seed, either Vegetable or Flower Seed, or It Payer to Reliable Seed, Payer to Reliable Seed, either Vegetable or Flower Seed, or It Payer to Reliable Seed, either Vegetable Seed, either Vegetable Seed, either Vegetable Se

Four hundred acres—a big bargain if it is as described—
50 acres timber and water; all inclosed with stone wall;
110 acres under cultivation; good 5 room frame hoase; all
under feuce, board, stone and wire; 5 fields; 2 wells,
spring and creek; 9 miles west of Lawrence, 16 miles
east of Topeas, 5 miles irom railroad. Only \$5,500, cash
and time—a big bargain.
No. 305.

Seventy three acres, 30 timber, 36 under cultivation; 11/2 story good frame house; frame stable; corn-crib; sheds and other out-buildings; fenced in four fields, board and whre; watered by whi, obsert and creek; 2 miles north from North Topeks. Price \$4.00. Will take small prairie farm for part pay.

No. 307.

No. 30.

Two hundred acres, 15 timber, 60 bottom, 70 under cultivation; 1½ story frame house, 16x18, 2 rooms; stone stable, hay roof; 140 acres fenced, stone, rail and board; plenty of fruit; good water, creek runs through farm; 12 plenty of fruit; good water, creek runs through farm; 12 ndles from Topeks, 1½ miles from post office, good neighborhood. Price of farm \$5,000—cheap.

neighborhood. Frice of farm \$3,000—chesp.

No. 308.

Here you are: -160 acres choice prairie and slope; 1½ story frame house, poor; kansas stable; 100 acres under cultivation; all fenced, wire and hedge; the orchard; nice grove of amber; good spring and well; 7 miles southeast of Topeks, 2 miles to railway station. This farm is cheap at \$2,500. Cash and time.

No. 329.

BRIDLES, HALTERS, WHIPS, etc. This establishment is one of the coldest in the State. Good work for reasonable prices. Prices sent by mail to persons living at a distance.

No. 809.

One hundred and sixty acre farm, 30 bluff, 66 timber, 45 bottom, and under poor cultivation; old log and frame house; i.nd all fenced, poor rail fence; 1,000 grape vines; amail iruit (apple and cherry) orchard, situated on the Kansas river, 5 miles west of Topeka. Can be bought cheap.

One hundred and sixty acres, 6 miles from Topeka, 46 acres timber, 70 under unitivation; good stone house with basement; frame stable; corn-crib, and other outbuildings; \$8,000. No bargain in this place.

No. 812.

Here you are !-80 acres in Jackson County, a miles from Meriden, a railroad station; 20 acres bottom, 3 or 4 of timber, 16 under cultivation and fenced, wire; 1 story, 2 rooms, frame house; \$600, or will trade for city property.

Look sharp!—160 acres prairie, 25 miles southwest from Topeka: 33 acres broken: frame house, 14x20, 2 rooms, no finished; creek runs through farm. Only \$600. Don't ask us to give it to you. ask us to give it to you.

No. 330.

Three hundred and twenty scres, 65 under cultivation old log house; poor fencing; 13 miles south from Topeks Price \$2,500. Can be bought for less.

No. 331.

No. 831.

Here is a good farm, 158 acres, 20 timber, 60 under cultivation; 2 story stone house, 27x29, sli finished complete 600 rods stone fence; 160 rods good hedge; fair orchard plenty small fruit; 15 miles southwest from Topeka near pest office and store; \$4,000; cash and time.

No. 882.

Eighty acres in Osage county to trade for city property. Price \$800.

No. 333.

No. 333.

Sixty acres, all fenced and improved except lot of timber; good buildings; good well of water; good bearing orchard; 1½ miles from city of Topeka. Price \$3,000. No. 834.

Righty acres prairie, 12 seres broken; all fenced, rained pole fence; good ranning water; 12 miles from

No. 336.

Four hundred and sixty-two acre furm, 402 of prairie, 60 timber, 180 mendow, 170 under cultivation; good frame house, 7 room, and one good tenant house; good barns, and other out-buildings; good rail lence; plenty of water; \$18,000. To trade for Kansas farm. This farm is situated 3% indees from Mexico, Mo.

No. 837.

Eighty acre Missouri farm, 70 under cultivation, 10 timothy; 1% stery frame house, 5 rooms; good ow buildings; corral; plenty of good water; 50 to 600 fru trises, all kinds; 10 miles from West Line, on M., H. C. S. R. R., 8 miles from Brosley, 40.; \$1,000. Trade for Kansas farm.

Kighty acres, Jefferson county, chaice prairie, 40 under plow; all tenced, rall and medge; small log house; i miles from Meriden, 4 from Grantville and 10 from Topeka Price \$1,000. Donglas county, 85 acres, 5 of timber, 25 under cultiv los, 40 acres, fenced, rail tence; good apring; few fry rees; 16 miles from Topeka; \$1,000, cash and time.

One hundred and sixty acres of Michigan land, 4 miles from Chessaning, \$1,600; to trade for Topeka property and pay some cash.

No. 342.

Eighty acres, some young timber, 40 under cultivation; small frame house; 4 miles from Topeks; \$1,500, Worth about \$600.

No. 393.

Fighty acres, 20 broke and ienced; stone house 15 feet squrae, log house, 16x18; Kansse stable; 3 groun corrais; 50 bearing peach trees; 5 miles from Wahaunseec ounty, 20 miles from Topaka. Only \$600. Possession and title 15th of June, 1878.

Twenty acres, well improved: good 1 story frame house, six rooms; stable; corn-crib; 200 bearing select fruit trees; 4 mlies east of Topeka A cozy home for \$1,500.

One hundred and sixty acres on Soldier Creek, 40 under cultivation, 50 acres timber; never-failing stock of water; \$2,000.

Eighty acres bottom hand, all fenced and under cultiva-tion: ordinary buildings; good well and spring branch; within 1/2 mile of Silver Lake. Only \$2,000.

within % mile of Silver Lake. Only extend.

Four hundred and eighteen acres, on the Wakarusa, 1st acres under cultivation and feneod, 10s acres timber simal orchard; good buildings; plenty of water; only 2 miles from station and post office. There are but few chances to get such a farm at \$20 pur acre.

One hundred and sixty acres, in Wilson county; fair buildings; 50 acres in cultivation, 36 acres timber; small orchard; watered by a good spring branch; 14 miles from Chanute. Price \$1,000. No. 379.

One hundred and sixty scres, in Dickinson county, 30 acres cultivated; good unlidings; good well and small orchard; 12 miles from Abltene. Frice \$1,600.
No. 373.

One hundred and sixty acres, in Pottawatomic county, bottom and prairie, so acres fenced and under cuttivation; good buildings; n.ver-tailing stock of water; small peach and apple orchard; 8 miles from St. Mary's, on Cross creek A good bargain, only \$1.600.

Twenty acres slope prairie, in Osage county, all fenced and under cultivation; good well; within 1/2 nile of Osage City; \$700. No. 374,

No. 375.

No. 376. One hundred and twenty acres in Jackson county, 50 acres fenced and under cultivation; small bearing orch ard; 5 miles from Wetmore. Price \$50.

No. B.7. One hundred and sixty acres in Washington county, 70 acres bottom land, ba ance good upland praying, 10 acres timber, 35 acres under cultivation; ordinary building; well watered by spring branch, good well; peach orchard of Sacres; 10 miles from Waterville. A bargain at \$1,000.

No. 378. One hundred and sixty acres in Riley county; ordinary buildings; good well; good young orchard, 4 years old; 12 miles from Waterville. Price \$500.

No. 379.

One hundred and sixty acres in Washington county 12 miles from Waterville; good buildings; 35 scres under cultivation, 15 acres timber; small beaining peach orchard; well watered by creeks. This is very cheap, \$800. Four hundred acres in Brown county, 125 acres timber, 240 acres bottom, balance good upland prairie, 100 acres in cultivation; ordinary buildings; small orchard; 7 miles from Muscotah. A first-class farm. Price \$12.50 per

One hundred and sixty acres in Marshall county, 4½ miles from Waterville, 40 acres under cultivation, 25 timber, balance nice upland praffic; well-watered by creek and living springs, seme buildings, all for \$1,000.

No. 882. Three hundred and twenty acres in Franklin county, 100 acres bottom, balance nice slope; good buildings; 120 acres under cultivation; 200 acres renced; watered by a running stream; ½, mile from Williamsburg. Price \$15 per acre; worth twice the money.

One hundred and sixty acres in Shawned county, 5 acres timber, 30 acres under cultivation; all fenced; good buildings; watered by a running stream; 3 miles from Auburn. A big bargain; \$3,200.

No. 384. Pifteen acres adjoining North Topoka; ordinary buildings; all fenced and under cultivation. A very cheap place; only \$1,500,

No. 835. One hundred and sixty acres bottom land, in Wakarusa county, 40 acres timber, 60 acres under cultivation; all fenced; good buildings; small bearing orchard; watered by running stream; 12 miles from Wamego. Price \$2,400.

No. 386. One hundred and sixty acres in Jefferson county, bottom and slope land, 20 acres timber, 100 acres under cultivation; all fenced; ordinary buildings; living springs; 31/4 miles from Meriden. Only \$5,000.

No. 387.

Three hundred and twenty acres, all bottom land, in Shawnee county, 80 acres tierber, 190 acres under cultivation; all fenced and cross-fenced; fair buildings; 3 good wells; 18 acres in orchard; watered by Deer creek. One of the fluest farms in the sociaty. Only 5 miles from Topeka. Price \$5,008.

Six hundred acres in Shawnee County, 6 miles from Topeks, 60 acres timber, 20 acres under cultivation, 40 acres fenced; small nouse, Price \$5 per acre.

Twenty-six acres in Shawnes county, 15 cm, ander cultivation, some timber; all tenced; acres accessored in the form Topeka, Price 130.

No. 330.

Three hundred and eighty acres in Johann county, 100 acres under cultivation, 1 acre timber; acres well; watered by running streams and living springs 124 miles from Olathe. Price \$4,500.

No. 392.

One hundred and clairly two acres in Shawnee County
5 miles from Topeka, 150 acres fenced, 75 acres under cultivation, 100 timber; ever-living water. Very desirable
\$25 per acre.

No. 393.

No. 895.

Mo. 395.

Kighty acres, 7 miles from Topeks, 20 under cultivation; stone and post and rall fonce; good five-roomed house; stone corral; good well; 1,330 peach and 75 cherry trees, all bearing. Here's your clames. Only \$1,300. No. 396.

Righty acres, 2% mines east of Months as the Aldridge Place; will be sold cheep.

No. 409.

Now you that want as good a stock and grain farm as there is in America just read this:—40 acres, 200 hundred of choice bottom and timber; never-failing water; 150 or more under cultivation, and under good hedge, stone and rall fence; halance choice slope land, with plenty of range for 10,000 head of cattle, or more; good large stone house, and other out-buildings; orchard; corral; splendid neighborhood; near 2 cheese factories; post office on the farm; near small nice village, 25 miles from Topeka, south wast; splendid roads. Just think; we offer this entire farm for \$7,000; ca h and time. There is a fortune in this farm alone. We have several small farme in the pieghborhood for sale. It is one of the best parts of Kassas.

No. 320.

Here we are again with a 400 acre farm, 25 northwest of Topeka, and 5 miles north east from St. Marve; 12 acres of timber; pleaty of Hving water, good well; 275 acres under cultivation; small frame house; some out-buildings; 330 acres fenced, post and rail, board and wise; some orchard; all bottom land. This farm can be bought at a bargain.

One hundred and forty-five acres, 20 timber, 75 under cultivation; good stone house, 6 rooms; rall fence; plenty of running water; 5½ miles from city. Can be bought at a bargain.

Three hundred and twenty-seven acre farm, second bottom, plenty of timber; log and trame houses; 70 acre under cultivation, 100 under sence; loins Kansas river Ongat to be bought low.

No. 314.

No. 315.

Another Missouri farm, 80 acres; 3 miles from East Summit, Missouri; all under cultivation; good hedge all around; well-watered Price \$2,400. Will trade for farm in Kansaa, near Emporis or Topeks, and pay some cash. Will put in house and lot, and six vacant lots, ia Greenwood, Josepou county, Missouri, Hers is a good chance for some one in Kansas.

Forty-eight acres, all under hedge; 4 miles northworm Topeks. A desirable tract of land; \$1,200.

No. 405.

No. 400.

Osage county; 80-acre farm; 40 acres improved; box house 14x20, and summer kitchen; good orchard; 400-for est trees growing; to tradefor city property.

No. 412, 413 and 414.

Kansas a acific railroad. See descriptions at our office 80 acres timber land, near Mt. Vernon, Illinois. Wil trade for Kansas property. No. 91.

One hundred and sixty acres near Haiterd. Lyons county, to trade for city or country properly near Topks.

In addition to the above, we have one hundred thousand acres of land at \$1.45 per acre.

Two hundred thousand acres at \$1.50 to \$2 per acre.

Two hundred thousand acres at \$2.50 to \$2.75 per acre.

Also have five hundred acres of the best Kansas river bottom, near St. Mary's, for \$14 per acre.

These are the best lands in the state.

No. 397. Eighty acres, eight miles southwest of city. Thirty-five acres under cultivation; one-half story frame house, four rooms, good cellar, good frame barn, cistern, two good wells, small orchard, well watered by creek, a very desirable place. \$2,250 for cash; balance time to suit.

Here is one of the best things yet. 490 acres all bottom land, 290 acres under cultivation, balance timber, in Kaw bottom, 7 miles from Topeka, well fenced with boards and rails, two good tenement houses, three good wells, ever-living spring, watered by the river. Can be made usto three fine farms, and will be divided up to suit purchasers. No. 400.

A splendid river bottom farm, 300 acres, 250 acres under cultivation, and 30 acres timber, good 6-room frame house, cribs and Kansas stables, hedge fence well set and grown, board-cross fences, two good wells, Kansas river on south side, tine timber shelter for stock. Price \$7,500. No. 401. One of the best farms in Kansas, 225 acres, one mile from Grantville, six miles from Tepeks, 15 acres timber, 180 acres under cultivation, log house, small board stable, corral board fence, watered by pool and well, small young orchard. Frice, 5,500, 21,500 cash, balance time to suit the purchaser at ten per cent. interest.

No. 402.

Cannot be surpassed. One hundred and twenty-three acres, 80 acres under cultivation, 20 acres timber, good log house, frame leas to stables and corn-crib, good stone milk-house, good hedge and board fence, watered by a never-failing stream, apple and cherry trees bearing, one and ope-half mile frem city. Will be sold for \$5,000; \$1,500 cash, balance on time to suit purchaser at ten per cent, interest.

One hundred and sixty acres, seven miles east of Topka, 60 acres under cultivation, 1-story frame house, good stables and out-houses, stone corral, good wall, hedge fence well set and five years old, ever living stream fed by streams, plenty of water for stock, good apple and peach orchard 4 years old, one-haif mile from school-house, three miles from railroad station and one and one-haif mile from post office. A very desirable place, Price \$2,000.

Mo. 404.

One hundred and twenty acre farm an Warren county, Missouri, 90 acres under cultivation. 30 acres thmberheavy oak, hickory, etc., new frame house 1/2 story, 7 rooms, cellar under whole house, closets, pantry and every convenience, large frame house, corn-cribs and sheds, hog and chicken house, good hedge and rail ience, all in first-class apple-pie order, 7 acres orchard, best quality grapes, currants and all kinds small fruits, well watered, one mile from railroad station, church and post office. Will exchange for a good farm in Kanass, or sell. Price \$5,000.

One hundred and sixty acres, Lyon county, all bottom and slope, with plenty of running water, prime land. Terms, 3 cash, balance in 1 and 2 years. Price \$1,000. No. 4.

No. 4. Eighty acres in Shawnee county, twelve miles from To-peka, five miles from Wakarusa station, No. 1 prairie land. Price \$400.

One hundred and sixty acres in Shawnee county, four, miles from Dover, good prairie, excellent range. Price 2330.

No. 8. No. 9.

One hundred and sixty acres in Shawnee county, eight miles from Topeka, good prairie land. Price \$1,000. No. 10.

No. 11.

One hundred and sixty acres in Wabaunsee county, five mues from Dover, timber and water. Price \$300.

Price \$1,200.

No. 14.

Two hundred and eighty acres in Greenwood courty, one-half mile from Fail river. Will trade for live stock or city property. Price \$5 per acre.

No. 15.

Three hundred and twenty acres in Riley county, Missouri, timber and, Will trade for live stock or city prop-

Three nunctuaries and will trade for live stock or city property. Price \$5 per acre.

No. 16.

Eighty agres in Shawnce county, one raile from Topeka.

Price \$450.

No. 17.

Forty-seven and one-half acres in Shawnes county, seven unless east of Topicks, on Kansus river. Price \$550.

No. 18.

Twolve and one-half acres in Dougtas county, adjoining crut of Lawrence, good, well-bearing fruit trees. Will trade for city property in Topeka. Price \$1,800.

Nineteen thousand four hundred acres in Wabaansee county, prairie land, tine range. Price \$2,50 per sacre; one third cash; balance on time.

One hundred and fity-three scree in Shawner stry, eight miles from Topeka, good land. Price & par act ; one-taird cash, balance time.

No. 22.

One hundred and sixty acres in Shawnes county, good prairie land, eight miles from Topeka. Price \$1,500.

No. 23.

One hundred and sixty acres in Chase county, bottom and prairie. Price \$1 per agre, or will trade for a team and cattle.

No. 24.

Righty acres in Shawnee county, four miles from Topeka, bottom land. Price \$800 cash.

No. 25.

Righty acres in Shawnee county, two miles from Silver
Lake, choice river bottom land. Price \$1,100; one third
cash, balance time.

No. 26. No. 27.

One hundred and sixty acres in Shawnee county, two miles from Silver Lake. Price \$1 per acre. No. 29. Six hundred and forty acres in Greenwood county, all

Six hundred and forty acres in Greenwood county, all prairie. Cheap for cash.

Oue hundred and sixty acres in Wabaunsee county, all prairie. Cheap for cash.

Kighty acres in Marion county, all prairie. Cheap for cash.

No. 30. Four hundred and forty acres in Coffee county, two miles from Queen City, choice upland. Very cheap.

No. 32. Two hundred and forty acres in Wahaunsee county, five miles from Dovar, choice land, located in 1839. Price \$5 per acre.

No. 33. One hundred and sixty acres in Osage county, one hundred acres bottom, balance upland. Price \$755; \$550 cash, balance time.
No. 34. Eighty acres in kiley county, near Manhattan, Price \$5 per acre.

No. 34. Eighty acres in liliey county, near Mauhattan, Price \$5 per acre.

No. 85. One hundred and sixty acres in Pottawatomic county, on Cross creek bottom and rairie, well watered. Price \$10 per acre, on ten years' time, ten per cent interest.

No. 36. One hundred and sixty acres in Wahauusee county, three miles from Alma Will trade for mercoandise or sell cheap for cash.

No. 37. Three hundred and twenty acres in Shawnee county, three miles from Dover, watered by cresk, good living apring. Price \$2,00.

No. 39. One hundred and sixty acres in Shawnee county, three miles from Dover, watered by cresk, good living apring. Price \$2,00.

No. 39. One hundred and sixty acres in Shawnee county, one miles from Wakaruss atation, on Wakaruss river. Price \$500: one-third cash, balance in one and two years.

No. 39. Eighty acres in Shawnee county, four miles from Rossville, in Kaw bottom, very choice. Price \$10 per acre.

No. 40. Two hundred acres in Shawnee county, near Pauline stat on, bottom land. Price \$15 per acre.

No. 41. One hundred. And sixty acres in Shawnee county, near Cedar Point, all choice land, lies on Coon Creek, near A., T & S. F. R. R. convenient to a \$15,000 creek, near A., T & S. F. R. R. convenient to a \$15,000 creek, near A., T & S. F. R. R. convenient to a \$15,000 creek, near A., T & S. F. R. R. convenient to a \$15,000 creek, near A., T & S. F. R. R. convenient to a \$15,000 creek, near A., T & S. F. R. R. convenient to a \$15,000 creek, near A., T & S. F. R. R. convenient to a \$15,000 creek, near A., T & S. F. R. S. convenient to a \$15,000 creek, near A., T & S. F. R. R. convenient to a \$15,000 creek, near A., T & S. F. R. S. convenient to a \$15,000 creek, near A., T & S. F. R. S. convenient to a \$15,000 creek, near A., T & S. F. R. S. convenient to a \$15,000 creek, near A., T & S. F. R. S. convenient to a \$15,000 creek, three miles from Dover, creek bottom and from Topeks, three miles from Dover, creek bottom and from Topeks, three miles from Dover, creek bottom and from Topeks, three miles from Do

No. 43. Righty acr s in Shawnee county, twelve miles from Topeka, three miles from Dover, creek bottom and prairie, lays well. Price 34 per acre.

No. 44. One hundred and saxty aeres in Shawnee county, ten miles from Topeka, all alope and soft, pfenty of range. Price 35.50 per acre.

No. 45. Righty stepts acres.

No. 47. One hundred and sixty acres in Lyon county, three and one-half miles from iteading station, A. T. & S. F. R. R., good prairie soil, lays: well. Price 33 per fore. No 48. One hundred and sixty-four scres in Lyon county, good prairie soil. Price \$5 per scre. No. 49. Three hundred and twenty acres in Riley county, four miles from Handolph, all prairie, good soil. Price \$3 per acre.

No 51. One hundred and sixty scree in Greenwood county, four miles from Eureka, soil A 1, some timber, slenty stock water, and good range. Price 33 per sore.

Ko. 52. One hundred and sixty acres in Greenwood sounty, four and one-half miles from Eureka, prairie slop. good soil, all tillable, will make a fine farm. Price sper acre.
No. 53. One hundred and sixty acres in Greenwood county, four miles from Eureka, all slope and valley land, brush and water, fine cattle range, good soil, coal and stone on land. Price \$5 per acre. -

Price \$2.50 per acre.

No. 55. Three hundred and twenty acres in Woodsen county, rairie, good soil, lays well, good water and fine range. Price \$3, er acre.

No. 383. Wabannese county. One hundred and sixty-acre farm: afteen acres timber, ninety acres under cultivation one hundred acres fenced—hedge, stone, rail and board, 1%-story frame house, 15552 feet, addition 1 story, 20x20, Kansas stable, well watered, twenty miles southwest of Topeka. Chesp at \$2,700.

west of Topeka. Chesp styr.co.

No. 349. One hundred and sixty-scre farm, eighty scres timber, sixty acres under cultivation, spleneid stock farm wood farm house, stable, corn-cribs, etc., one hundred and twenty acres under fence splendid running water, small orchard. Will sell cheap for cash or trade for stock of dry goods. Plenty of good range, ten miles from Topeka, good roads.

from Topeka, good roads.

Ne.350 Ossge county, coal land, one hundred and sixty acres 2½ miles from Burlingame, on A., T. & S. F. R. R. good prai le land. Only \$600. Dirtcheap. No. 351. Now look here! Wabaunsee county Eighty acres choice land, good spring. Only \$500. \$600 cash will

Mo. 333. And still they come. Eighty a'x acres, 30 acres timber, 86 acres under cu tivation, pole fence; poor lestry frame house, 3 rooms, log house, Kansas stable, corrai, chicken house, 7 sooms, log house, Kansas stable, corrai, chicken house, creek of never-failing water. Price \$1,300, and only nine miles from Topeks. Spleadid stock tange. No. 334. Eighty acres for \$250, with timber and water. Only 9 miles from city. This land is not worth showing. Poor and title bad.

Poor and title bad.

No 360. Now we have a pice home for some one, only four miles from the city, 26 acres, all under good heave, all choice improved land, 360 bearing fruit trees, good stone house, 14, st. ry and basement, 1 x28, Kansas stable, corn-crib, etc., splendid spring. Only \$1,200 for the entire outil. House worth every cat asked for the entire place.

No. 361. Forty acres, choice bottom, 2-room house, timber and water, nice place, three miles from city.

Price 2.200. Will trade for city property.

No. 367. Here is a nice home, 20 acres, 3 miles from city, 1 story frame house, 6 rooms, stable and co: a-crib, splendid orchard. Only \$1,500, House cost more money.

Above lands are all selected, choice lands, within

did orchard. Only \$1,500. House cost more money.

Above lands are all selected, choice lands, within fifteen miles of Topeka and are offered on the following terms: twenty per cent. cash, balance in two, three, four and five years time at six per cent. interest, or discount of six per cent. for cash.

In addition to the above list, we have 400,000 acres of choice selected lands, at \$10 per acre, to exchange for stocks of dry goods and other merchandise. Therefore the land to trade for real estate east. We have a large list of other property for asic and exchange. We have a choice is acre tract ten miles from ci y. 31 600, that party wishes to exchange for a No 1 span of horses, harness, and light two-easted spring waron with canopy-top. The rig must be right in every respect.

respect.

Any information in regard to property cheerfully and promptly answered.

Very respectfully yours.

Very ROSS & MCCLINTOCK,

On a walk a hat did lie. And a gallus chap sailed by,
And he cut a lively swell—
He was a clerk in a hotel; And he gave that hat a kick, And he came across a brick— Now upon a crutch he goes, Minus half a pound of toes.

IMPROVED PREMIUM LIST.

Anything calculated to increase the interest in ou County Fairs is, of course, of general interest. It is believed that the following additions to the premium list would insure lively competition and an increase attendance. Some of these prizes have been offered at county fairs in Pennsylvania and found satisfactory to the people:

Best 10 lbs. butter (without hair,) diploma.

Biggest bull dog, \$25.
Young lady cooking best dinner of not less than ten different dishes, flat iron
Best quilt pieced by young lady of not less than thirty-five years, (age to be sworn to) 25 cent

Prettiest boy baby, pewter cup; ditto girl baby, Maddest mother after the award, fifty cents.

Second maddest, thirty cents.

Best kag of beer made in the county, and to be tested by the board. \$30.

The man who catches greased pig. (pig to have

o feet start.) \$2. Best essay on farming, steel peu and holder. Best piece needle work, spool Clark's thread No.

Man bringing largest family to the fair, a copy of

Man bringing largest tamily to the rair, a copy of "Darwin's progressive theory."

Fattest woman, \$3.

Second fattest woman, tilter,
Finest display of home made pumpkins, napking

MARK TWAIN'S HOTEL.

Having lately opened a hashery, I send you these

my rules and regulations:

This house will be considered strictly intemperate.

None but the brave deserve the fare.

Persons owing bills for board will be bored for bills.

Roarders who do not wish to pay in advance are requested to advance and pay.

Boarders are expected to wait on the colore

Sheets will be nightly changed, once in six month or more, if necessary.

Single men and their families will not be boarded.

Nightmares hired out at reasonable rates.

Safety valves will be furnished to snoring boarders.

PROF. BILLINGS ON FELINES.—The kat iz a domestic animile—but I never have been able to

You kant trust one enny more than you kan a case of the gout. There is only one mortal thing you can trust a kat with, and cum out even, and that is a bar of hard soap

They are as meek as Mosiss, but as full of devil try as Judas Iscariot. They will harvest a dozen of young chickens for you, and then steal into the sitting-room as softly as an undertaker, and lay themself down on the rug at your feet, full of injured innocence and chickens,

nd dream of their childhood days.

All there iz about a kat that iz domestic, that I knoo ov. iz that you cant looze one. You cant looze a kat-- they are as bad to looze as

a bad reputation iz. You may send one out of the state, done up in a meal bag and marked C. O. D., and the next morning you will find him or her (according to sex) in the same spot alongside of the kitchen stove, ready to be stepped on.

Kats have got two good ears for melody, and often make the night atmosphere melodious with their opera music.

But the most wonderful thing about the kat that has been discovered yet is their fear of deth. You cant induce one by any ordinary means to accept deth—they actually skorn to die.

You may kill one az often az you have a mind to, and they will begin life anew in a few minetts with a more flattering prospektus.

Dogs I love, they carry their kridenshuls in their faces, and cant hide them, but the bulk of a kat's reputashun lays buried in their stumuk, az unknown

to themselves az to envbody else. There iz only one thing about a kat that I like, and that iz they are very cheap—a little money well invested, will go a grate way in kats.

Kats are very plenty in this world just now. I

counted eighteen from my boarding house window one moonlite nite last summer, and it wasn't a firstrate nite for kats neither.

FARM. PRACTICAL ORCHARD

EDUCATION

SHOP.

STORE.

KANSAS STATE **AG**RICULTU RAL

Four Years' Course. No Tuition or Continued Fees Students can meet part of their expenses by paid labor. Fall Term opened Aug, 23 and closes Dec. 20, 1877. Students can enter at any time. Send for cat-alogue to JNO. A. ANDERSON, President. Manhattan, Kansas.



cular.

The Countries of Osage, Jefferson, Jackson, Douglas, Wabanusco, Pottawatomie and Shawnee having been sasigned to us as agents, we will be pleased to receive orders for the erection of the above mill complete with pump, or will fill orders for the mill alone, We have a sample mill in operation at the warchouse on A. T. & S Fe. R. R. track at Topeks, we invite an ex-mination of the mill. DOWNS & RICE, Ag'l Implement Dealers, Topeka, Kansas.

Cure Guaranteed. Especially those of a squamous or scaly character. Don't fall to write, as I positively cure these obstinate cutaneous diseases in a few obstinate cutaneous diseases in a few obstinate cutaneous diseases.

vear. Agents wanted everywhere. Bus-less strictly legitimate. Particulars free ddress J. Wortz & Co., St. Louis, Mo.

Halary. Salesmen wanted to sell our Staple Goods to dealers. No peddling. Expenses paid. Permanent empley-ment. address S. A. OKANT & CO., 2, 4, 6 & 8 Home St., Cissinnati, th DYKES BEARD ELIXIR ore than 20,000 more more ALEADY WELL RAYY MOUNTACHE AND BEARL, being used to 1 to 2 Peck'gs. No injury. Easily appli d. Certain office. Papaling with densities prot-paid 2 teals for ris. A M. MITTI & CO. Solo Ay in, Palation, III. The soulies will use the casting at the Palation, III.

\$3300 A YEAR. How to Make the

MAMMOTH OUTFIT TO EVERYBODY.

Stem-winder watch free with first or der. Ten Bollars a day guaranteed, M. ORONEGH & CO., Philadel-phia, Pa., or Milwaukee, Wis-PREMIUM WATCH AND CHAIN— etem-winder, Free with every order. Out-fit free. J. B. Gaylord & Co., Chicago, Ill.

\$57.60 AGENT'S profits per week. Will prove it or forfeit \$500. New articles us to all. Address, W. H. CHIDESTER, 218 Fulton St., N. Y.

GOLD PLATED WATCHES. Chespest in the known world. Sample Watch Free to Agents. Address, A. COULTER & Co., Chicago. 50 NICE CARDS, Plaid, Repp, Silk, Block, &c., with name 18c. F. W. AUSTIN & CO., North Haven, Ct.

IF YOU WANT TO MAKE MONEY

Send a three cent postage stamp and get full particu-lars, Say in what paper you saw this address. J. B, WOOL-EY, Box 208, Bloomfield, Iowa,

PENMANSHIP TAUGHT BY MAIL, by Prof. R. C. L. veridge, of Yale Business College, New Haven. Conn. Send stamp for specimen and circular.

MAN WANTED in every Co. in the U. S. to sell our POPULAR BOOKS.
Good PAY and steady work. Write at SHEEP | Centennial Medal awarded. Sizes suitable for marking Cattle, Sheep and Swino, Samples tree. Agents wanted. Address C. H. DANA, West Lebanon, N. H.

50 Elegant Cards, name in gold, silver or jet 10c.

 ${f PATENTS}$ For Inventors, How to obtain them. Send for circular. HENRY J. ENNIS, Box 442, Washington,

AYER & SON'S MANUAL According to a described a complete guide to advertisers. New Haven Journal - Amounts to all who advertise to a complete and the advertise to a complete and the advertise.

50 LARGE MIXED CARDS with name, 13c. 40 in case 13c. 20 styles Acquaintance Cards 10c, Ag'ts outfit 10c, DOWD & CO., Bristol, Conn.

Imperial Egg Food



Will Make Your Hens Lay Winter and Summer, support Fowls during moulting, keep them constantly in fine condition, and increase their profit 100 per cent. Half of the chicks die annually, this makes bone and muscle early, and will save them. Packages to mix with 50 weight ordinary feed, 50 cts.; larger for \$1.00 and \$2.00. Sent prepaid on receipt of price. Also sold by Grocers, Feed Stores, etc. -LOCAL AGENTS WANTED. --C. R. ALLEN & CO., BOX 103, HARTFORD, CONN

A. J. THOMPSON & CO.,

FOR THE PURCHASE AND SALE OF Grain, Seeds, Hides, Green and Dried Fruits, But-ter. Eggs, &c. 102 S. Water St., Chicago.

German National Bank, Chicago, Hall, Patterson & Co., Union Stock Yards, Chicago

A DAY we offer either sex better inducements and guarantee larger profits on small investment, than any other house in the country, Send 50c, for \$1.00 samples or stamp for pamean business. C. P. Ray, & Co., Chicagu

THE KANSAS QUEEN

s a faultless piece of workmanship, and contains

all the beneficial improvements known to the Reed Organ. It is manufactured for this market and will be old on the most reasonable terms, direct to the people. Send stamp for terms and particulars. EBE R C SMITH, Proprietor, Burlington, Kaneas

JACKSON'S BEST SWEET NAVY CHEWING TOBACCO!



My annual Catalogue of Vegetables and Flower Seed for 1878 will be sent FREE, in Jannary, to all who apply Customers of last season need not write for it. I ofter one of the largest collections of vegetable seeds ever sent out by any seed housel in America, a large portion of which were grown on my six seed farms. Frinted directions for cultivation on each package. All seed sold from my establishment warranted to be both fresh and true to name; so far, that should it prove otherwise I will refill the order gratis. As the original introducer of the Hubbard and Marblehead Squashes, the Marblehead Cabbages, and a score of other new vegetables, I invite the patronage of all who are anxious to lave their seed directly from the grower. fresh, true, and of the very best strain. New Vegetables a specialty. JAMES J. H. GREGORY, Marblehead, Mass.

-LOCATED NEAR-

ELLIS, KANSAS,

ON THE KANBAS PACIFIC ROAD.

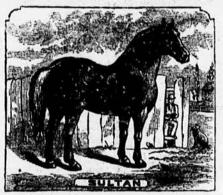
I have now For Sale all classes, and want to close them all out in the next ninety days.

Market Opens for Through Texas Cattle, October 1st in Kansas, this year, instead of November, as formerly. "Enquire, of WM. B. GRIMES, Ellis, Kansas.

Original Grange Supply House, 227 & 22 Wobsek Ave., CHICAGO, III

IMPORTED

NORMAN HORSES



E. DILLON & CO. Normal, McLean Co., ILLS.,

HAVE made the Important and Breeding of NORMAN HORSES a specialty for the last 20 years. Have imported from Normandy. France, Seventy-Five Stallions and Marcs, and have now on hand 100 head of Stallions and Marcs, as FINE A HERD as can be found in the United States; all of, which we are offering for sale, on terms as liberal as the same quality of stock can be had for any where in the United States. Imported in July, 1877, 8 as fine stallions as ever crossed the Atlantic Ocean, all dark dapple greys, from 3 to 5 years old; will weigh, in good flesh, an average of 2,000 pounds each. Our ILLUSTAATED GLE, kiving description of stock, will be sent, free of charge, to any one sending us his post-office address,

E. DILLON & CO.,

SHANNON HILL STOCK FARM, KANSAS.

ATCHISUN,

Thoroughbred Short-Horn Durham Cattle, of Straight Herd Book Pedigree, Bred and for sale.

ALSO Berkshire pigs bred from imported and promium stock, for sale singly, or in pairs not akin.

Addres GLICK & KNAPP.

P. S. Persons desiring to visit the larm, by calling on Mr. G. W. Glick in the city of Atchison; will be conveyed to and from the farm free of charge.

GEO. M. CHASE. KANSAS CITY, MISSOURI.



Thoroughbred English BERKSHIRE

Dark Brahma and White Leghorn Chickens. None-but first-class stock shipped

DOWN .WITH HIGH PRICES.

CHICAGO SCALE CO., 68 & 70 W. Monroe St., Chicago III.



4-ton Hav Scales, 260; old price, \$160. All other sizes at a great reduction. All Scales war ranted. Send for Circular and Price-lies

T. S. HUBBARD, Fredonia, N. Y

10,000 CATTLE Trumbull, Reynolds & Allen.

Farmers. Keep an Eye on This Column.

AND WE WILL TRY TO MAKE IT PROFITABLE AS WELL AS INTERESTING TO YOU.

THE BIG GIANT CORN MILL.

WILL MAKE AND SAVE MORE MONEY

For want of room I will sell very low four tries, each of Dark Brahmas, and Buff Cochlas, one year old fowls, choice Breeding Stock, Todd's strains, also two pair each Breeme & Brown China geese, two pair colored Muscovy Ducks, these five varieties, I will close out, also for sale a large lot of young stock, Pein find Ayleburg ducks, white and brown Leghorns, Brahmas Cochies and S. S. Hambargs. Rverything warranted to go safely by express, and to be pure bred. Address. J. DONAVAN, Fairmount, Leavenworth Co. Kansas.

FOR A FARMER IN PROPORTION TO ITS COST, THAN ANY IMPLE-MENT HE CAN PUT UPON HIS FARM. THE VALUE OF CORN AND COB GROUND TOGETHER FOR FEEDING STOCK IS GENERALLY ADMITTED TO BE NEARLY AS GREAT AS SAME WEIGHT OF SHELL-Brahmas Cochies and S. S. Hambargs. Rverything warranted to go safely by express, and to be pure bred. Address. J. DONAVAN, Fairmount, Leavenworth Co. Kansas.

The Big Clant Meets a Want Long Felt.

While it is similar in its outward appearance to Mills heretofore made, yet it is entirely different in its construction, and

warranted to grind twice as fast as any other mill of same size and

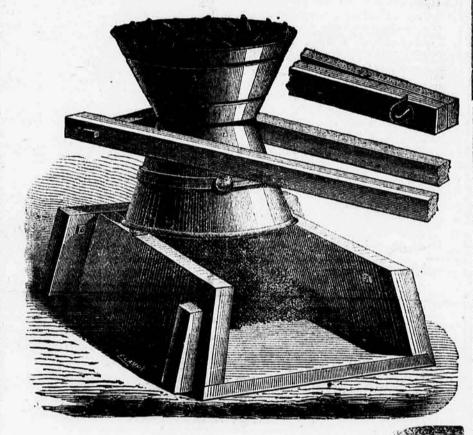
Is the only mill that will grind corn and cob successfully.

Is the only mill that will grind corn fine enough for family use,

Is the only mill that will grand corn with shuck on.

Is warranted to last 25 per cent. longer than any other mill. In fact, will never become useless. One set of grinders will grind several thousand bushels, and when worn out can be replaced at a trifling

Every man can be his own miller at a small outlay.



The following are the sizes and prices, with capacity of each when grinding corn and cob only coarse for feeding purposes. The figures giving capacity are for bushels of meal ground.

Capacity, Bu. per Hour. 10 to 15. 16 tr 20. No. 2. Heavy One-Horse or Light Two-Horse.
No. 3. Heavy Two-Horse
No. 3. With Three-Horse Attachment The above are all sweep mills and are complete, and can be driven only with horse-power

If there is no Agent near you Write Direct to Us.

SELLING RAPIDLY. 200 SOLD PAST MONTH. 400 WILL BE SOLD DURING DECEMBER.

The following are active agents in Kansas, to whom we refer. Can furnish hundreds of testimonials of parties who are using the Big Giant.

HADCOCK & ELLIOT, Spring Hill. A. R. CLIPPINGER, Centralia. W. K. MOTTRAM, Ottawa. J. S. RUSSUM, Independence. PARK & CROCKER, Pleasanton. RAYMOND & OFFICER, Girard. RHEINSCHILD & LUCAS, Lawrence. W. H. DUNKIN & CO., Hutchinson. JOHN LEBMAN & CO., Halstead. HOUCK BRO'S., Wichita. S. LEBMAN & CO., Newton. 3. H. STASSEN, Wilson. EDWARDS & BRO., Kinsley. HALL & HAIGHT, Burlington. P. H. McHALE, St. Mary's. KINGMAN, ANDERSON & CO., Salina, E. T. READ & BRO., Oswego. WM. DAVIS, Leavenworth.

These mills are for steam or water-power.

A. W. GRAY, Great Bend. 7. M. GEORGE & CO., Paola. FLOOD & SMITH, Clay Center. 7. S. GIBSON, Council Grove. BUIST & DOUGHERTY, Cawker City. DENNIS & BERRY, Cherokee. McKIMMON & CO., Concordia. WELLS BRO'S, Coffeyville. R. T. STOKES, Garnett. KINNEY & McLOID, Ellsworth. VERNON & DAUM, Eureka. D. W. FINLEY, Neosho Falls. PECKHAM & WILLIAMS, Seneca. YATES DOUGLAS, Solomon Rapids.

We are general agents for The Canton Clipper Plows, Canton Sulky Plow, Browne Sulky Plow, Rock Island Plow, New Departure (Tongueless) Cultivator, Challenge Corn Planter, Challenge Corn Drill, Aultman & Taylor Thresher, Champlon Resper and Mower, Dayton Hay Rakes, Studebaker Wagon, Watertown Platform Spring Wagons, &c., &c.

Also a full line of Buggies, Carriages, Phaetons, &c. In our Seed Department will be found everything in the way of Field, Garden and Flower seeds.

---ADDRESS-

Trumbull, Reynolds & Allen,

WHOLESALE AGRICULTURAL HOUSE,

Kansas City, Mo.

ESTABLISHED 1863.

TOPEKA, KANSAS, DECEMBER 26, 1877.

VOL. XV. NO. 52.

The Kansas Farmer.

SUPPLEMENT.

J. R. HUDADA, Editor & Proprietor, Topeka, Kan

TERMS: CASH IN ADVANCE.

One Copy, Weekly, for one year, One Copy, Weekly, for our months, One Copy three months, Jopies, Weekly, for one year opies, Weekly, for one year ples, Weekly, for one year,

RATES OF ADVERTISING.

PATES OF ADVERTISING.

One insertion. per line, (nonpariel) 20 cents.
One month, " " 15 " per insertion
Three months, " " 12 " " "
One Year, " " 10 " " " "
The greatest care is used to prevent swindling humbugs securing space in these advertising columns.
Advertisements of lotteries, whisky bitters, and quack doctors are not received. We accept advertisements only for cash, cannot give space and take pay in trade of any kind. This is business, and it is a just and equitable rule adhered to in the publication of The Farker.

TO SUBSCRIBERS.

equitable rule schered to in the publication of The FARKER.

TO SUBSCRIBERS.

A netification will be sent you one week in advance of the time your subscription expires, stating the fact, and requesting you to continue the same by forwarding your renewal subscription. No subscription is continued longer than it is paid for. This rule is general and applied to all our subscribers. The cash in advance principle is the only business basis upon which a paper can sustain itself. Our readers will please to understand when their paper is discontinued that it is in obedience to ageneral business rule, which is strictly adhered to and in no wise personal. A journal, to be outspoken and useful to its readers, must be pecuniarly independent, and the above rules are such as experience among the best publishers have been found essential to permanent success.

Organized in 1872. Named in honor of Jesse L. Reno, Capt. U. S. A., and Maj. Gen. of Volunteers, who was killed in battle, September 14th, 1862, at South Mountain, Maryland. Square miles, 1,260. Population to square mile, 4.05. Population in

1875, 5 112.
County Seat.—Hutchinson, the county seat, is 141 miles, in an air line, from Topeka, in a southwesterly direction.

Face of the Country.-Bottom land, 15 per cent., upland, 85 per cent., forest I per cent., prairie, 99 per cent. The width of bottoms varies from one to miles, general surface of the country, gently un-

east to west. Salt springs and marshes have been discovered in the western part of the county, said to produce salt of good quality. An excellent quality of cement is reported ten miles south of Hutchinson.

Railroad Connections,—The Atchison, Topeka & Santa Fe railroad runs through the county from

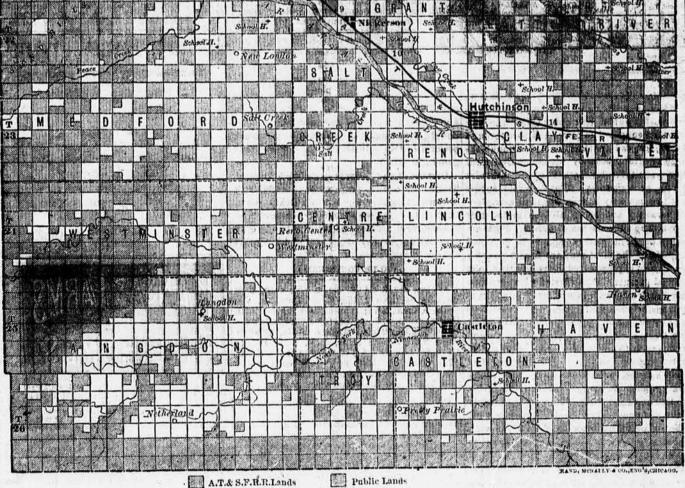
Facts and Figures from Kansas.

The first instalment of a hundred teams from Emporia, reached here yesterday, to work on the mines, but in the two rival towns situated the railroad grade west of the river, and dirt is made to fly with the determination to have the cars on the Kansas City, Burlington & Sansthe cars on the Commission cars of the commis ta Fe road running through town to the Neo-sho on or before the helidays. Graders all in the progress of the work, while at the other as the "Neutral lands" These lands are owned as eventy-five teams and one hundred and ed by the Missouri River, Fort Scott & Gulf (and the first five miles of Railroad Co., and are located in the extreme lave been awarded. One thing the commission of the set in a new shaft, this were settlers in the event any of them should be is of the fine block quality. along the line are making every fair day count township. Cherokee county, on what is known praised at their actual value, to protect the mas. R. H. Ross has about twenty-five stone masons and laborers working on the bridge abutments, and proposes to have them ready for the iron as soon as the track can be laid from the M. K. & T. Altogether the prospects look bright for the completion of the whole the different mining companies on Short line from Williamsburg before the first of creek. From the 11th of August, to October April.-Burlington Independent

The Prairie Furmer and the Kansas FARM-ER, two of the leading agricultural papers of the west, have inaugurated a vigorous war on the system, adopted by a number of newspapers, of endeavoring to secure subscribers means of a premium distribution, or lottery They denounce the lottery business, whether associated with newspapers or managed purely as a lottery, as a demoralizing swindling game.—Atchison Champion.

lers must look elsewhere for good markers which can be reached at reoronable rates, or or else cease raising such products for export As Texas has this year received an accession of over 300,000 population; it would seem as though that state would take all the grain we

can spare. - Neosho Co., Journal prairies and imagine it a big undertaking to convert them into good substantial improve ments; but I am convinced that many, very many farmers of this county, might make a change from their present avocations to this line of business, with great profit. I know about what the work is, having quarried and have the same and our statements; but I am now business, with great profit. I know about what the work is, having quarried and have the same and that too, in wet weather and at odd times, so as not to interfere when it is no mystery; it is owing with any other work. I am now building a barn of rock, 24x40 feet in size. The walls are ten feet high and two feet thick. I am Very few people rightly appreciate the ad-



Reno County.

Timber.—An inconsiderable amount on the putting on a steep roof of good pine shingles, Allen township is situated in the extreme Concerning the lead mines at Galena, in

geographical situation of these rich mines, we the road this side of Williamsburg by Christ- southeastern portion of the state. The mines have proved to be the richest in the world. Lead was discovered in April last, and be- have only to wait patiently, biding their time tween that date and August 11th, the last report of the "turn in" that we published, there had been 1,491,679 pounds of mineral raised by Sist, the following report will show what has been done in the way of getting cut lead:

1	RECATITUDATION
	Bonanza 575,314 Empire 422,519
	Empire422,519
	Disaminustan
•	S. S. T. & M. Co

raised on Short creek since April 1st, 1877, which proves without a doubt that these mines are the richest on this continent .- Camp's

"As the days begin to lengthen the cold begins to strengthen." Thermometer stood at 66 this noon—one degree colder than yesterday .- Topeka Blade, 14th.

Live-stock, beef cattle, 2½@3cts 7 lb; sheep day. The contract for conveyances was let to Mr. R E Jenness, who owns a half interest day. The contract for conveyances was let to Mr. R E Jenness, who owns a half interest Railroad Connections.—The Atenson, topesa contained at the place of sattle, 21/203cts [9] lb; sheep day. The contract for conveyances was let to southeast to northwest, following the valley of the Arkansas. Principal station, Hutchinson.—From Agricultural Report, 1875.

Live-stock, beef cattle, 21/203cts [9] lb; sheep day. The contract for conveyances was let to in the Jackson shaft, on the Bloomington in the Jackson shaft, on the Jackson shaft, on the Bloomington in the Jackson shaft, on the Jackson shaft, on the Jackson shaft, on the Jackson shaft on the J We spent several days last week in the lead diggings on Short creek, for the purpose of noting the improvements going on, not only in the mines, but in the two rival towns situated upon either side of this famous little creek.

In the was elected shern of Andersen of Andersen of Andersen of Andersen of Andersen of County.

They can remove and appoint as they choose, county.

Boston & Strawder, on lot 25, Haughy by any of the members, although the duty part of the commissioners to find out the action of "shooting" going on in the lead by any of the members, although the duty properly devolves on the clerk. A majority with it and the commissioners to find out the action of "shooting" going on in the lead by any of the members, although the duty properly devolves on the clerk. A majority with it and the commissioner of the second appoint as they choose.

They can remove and appoint as they choose.

They can rem raphical situation of these rich mines, we actual cash value. All improvements that state that they are located in Lowell have been made by the settlers will be aphave been awarded. One thing the commis-sion is sworn to secrecy upon, and that is as to the price placed upon the land. The settlers been started. until the completion of the appraisement, resting perfectly easy in the assurance that the appraisement will be honorable, fair and the shaft Thursday evening. impartial -Council Grove Republican.

Wheat, No. 4 ₱ bu. 60 to 90 c. Corn—old 20c. new ,16@18 c. Hye, 50c Oats, 15c. Hogs. 314c. Catile, butcher's, \$\tilde{1}\$ ib 214c. fat Steers, 3c. Sides \$\tilde{7}\$ hundred 9c Lard per ib 10c. Pota toes per bu 60 to 65c .- Osage City Free Press

Butter, fresh, per lb 10@20c. Eggs, 20c. Chickens, live, per doz. \$1.25@1 50: Turkeys, live, each 50@75c. Lard, 8c. per lb; Wheat, Red Fall, 85@100; White Fall, 75@90c Spring, 70@87c; Oats, 20c; Corn, old, 20c; Rye,

Wheat in Oak township, twentysthree and

ter than last year, or 110, corn, 125, oats, 125, barley, 140, rye, 100, and potatoes, 95, the sea son having been extremely wet about the

Timber.—An inconsiderable amount on the streams.

Principal Streams.—Great and Little Arkansas, Cow creek, Ninnescah, Salt creek, general course of all, southeast. The county is well supplied with springs, well water obtained at a depth of from 10 to 50 feet.

Coal.—None discovered.

Building Stone, etc.—Good limestone in the central and northern parts of the county; also an abundance through the centre of the county, from east to west. Salt springs and marshes have been and the part of the same.—Burlington Patriot.

Allen township is situated in the extreme southeast corner of Jewell county; is six miles square; is watered by Buffalo and Cheyenne creeks, on which a liberal supply of good native timber is found. These creeks afford and curpentar work.—F. W. Baker in Independence Kansan.

Coal.—None discovered.

Building Stone, etc.—Good limestone in the central and northern parts of the county; also an abundance through the centre of the county, from east to west. Salt springs and marshes have been controlled in the extreme southeast corner of Jewell county; is six miles square; is watered by Buffalo and Cheyenne creeks, on which a liberal supply of good native timber is found. These creeks afford good running water all the year round. In addition to the timber there is a most abundance through the centre of the county; from east to west. Salt springs and marshes have been county and the barn when all complete, will cost, aside from my own labor, leas than one hurdered and the barn when all county is six miles square; is watered by Buffalo and Cheyenne creeks, on which a liberal supply of good native timber is found. These creeks afford good running water all the year round. In addition to the timber there is a most abundant to the timber there is a most abundance through the centre of the county; also an abundance through the centre of the county; also an abundance through the centre of Jewell county is six miles square; is watered by Buffalo and Cheyenne creeks, on which a liberal supply of good native timber Wheat, red winter, No 2, 92 @95cts; white and red winter, No 3, 85@90cs; red and white everything in readiness for the winter cam good land in Anderson county. Since his late No. 4, 70@85cts; rejected, 50@65cts; oats, 1212 paign. The service of the commissioners was strike he has been offered another 160 acres of cis; rye, 25cts; corn, in ear, 15cts; shelled, 15c. The service of the commissioners was strike he has been offered another 160 acres of filled by receiving sealed bids; L. McKenzie land for his half interest.

mines, reminds us of the busy times of last summer.

feet in a new shaft, this week. The mineral tice of the peace or notary. Quite an interest is manifested on lot No. 5

Hove & Mitchell, on lot 4, Haughy tract struck a big run of mineral this week. They

It is hoped that the strike may hold out and district. prove a good one, as Billy has labored hard without much reward during the past sum

A fair amount of wheat has been brought to treasurer. town this week. This Thursday morning winter wheat is worth: No. 2 \$1.00 No. 3 90@ 95c; No. 4. 75@80c; Rejected, 60@70c Spring wheat, 65@70c; rye, 25c.—Abilene Uhronicle.

does not owe the state more than from \$400 to \$500. Few counties in the state can exhibit 000 and \$14 000.

Godfrey Schwarts, of Neosho Rapids, is an old and thrifty settler, having a farm in Cof- tricts. fifty-five; barley, twenty-six; rye, thirty one; fey and another in Lyon county. He came to this county in April, 1858, and has been a though its individual members may change continuous resident since that "time. He informs us that Mr. Maleney, living near him, lost six head of yearlings and calves, recently, and Mr. Schwarts lost two head. They had been turned into a stalk field, and although in

SCHOOL LAWS OF KANSAS. The following points from our school laws

may be of interest to our readers. 1. There are no legal holidays for teachers. 2. A district officer cannot teach in his own

district without resigning his office. 3. The district clerk shall be fined \$50 for not reporting the tax levy to the county clerk 4. Teachers shall not be paid their last mouth's salary until they make a term report

to the district clerk. 5. The district clerk is liable to \$100 fine or three months' imprisonment for making a

false report to the superintendent. 6. The district board may require a teacher to teach any branch of the English language provided, they can teach it.

7. The district board shall be fined \$100 per month for refusing children residing in the district the privileges of school, and shall ad mit children living outside the district, but may assess a per capita tax on them.

8. Parents or guardians of children over eight and under twelve years of age, who live within two miles of a school, and are able to furnish their children with books and clothes shall send them three months of the year, six weeks of which shall be consecutive, or pay a fine of not more than ten dollars for the first offense, and not more than twenty dollars for each subsequent offense. RECENT RULINGS.

The following rulings have been made in the office of the State Superintendent of Public Instruction:

2. The electors of the district meeting have no right to determine the amount per month to be paid the teacher. That power belongs to the district board.

2 District boards cannot dismiss a teacher without the concurrence of the county super-

3. If the director or other member of the board refuses to sign a legal order, payable to the teacher or other party entitled to receive it, he may be compelled to do so by a writ of mandamus.

4. A county superintendent cannot remove a district officer on petition of the legal voters of the district. Such removal can be made only by a civil action brought in court.

5. In the legal alteration of a school district it is necessary to post five notices in each of the districts affected by the change.

8. A district officer can qualify before the

chairman of a district meeting, or any one au-Haubgy tract, struck a fine run of mineral at 28 thorized by law to administer oaths, as a jus-Kiser, on the Dorman & Loop lot on the 9. An appointed district officer holds over

> only until the next annual meeting. 10. The power to grant certificates rests entirely with the county examiners and the state

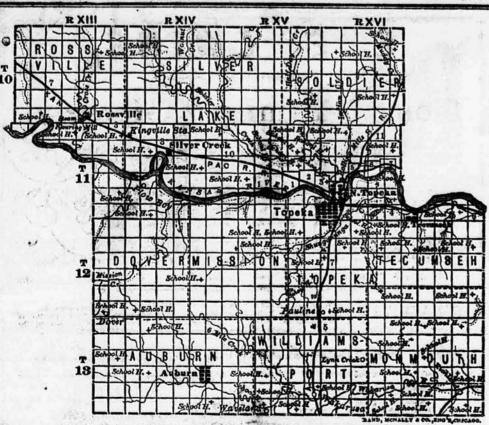
board of examiners. 11. A school-district board have the power to rent the school house for use of a private

had over 10,000 on the dump when we visited school, provided that such school does not Walkinshaw & Shamblin, lot 4, Haughy school, provided that such school does not ract, struck surface mineral last Thursday. interfere with the legal public school of said 12. Whenever the district clerk and direct-

or deem the treasurer's bond insufficient, they can demand additional surety of the district

five per cent. of the assessed valuation of the this kind of a record, thanks to a treasurer that it will contain less than fifteen children In of school age residing in the same, unless the district is made to lose its organization by having all its territory attached to other dis-

> and any legal obligation made by them, to be discharged in future, is binding upon the



Shawnee County.

SWINE.

The following is one of the Premium Essays issued by the American Berkshire Association. It was writfound of great value to our readers. MEASLES-rubeola.

place from the central points of hardness, and disease. gradually in two or three days or more the acute signs are allayed, the spots become brown colored, the cuticle peels off, and pertions occur, as diarrhoea or inflammation of in the muscles of voluntary motion. Triching money at common rates of interest? But the lungs; these often prove fatal. With the consists of very minute cysts of an obleng fig. we know by past experience that, when first symptoms of the fever there is generally ure. When taken with the food they multis cough, vomiting, redness of the eyes and flow ply in the intestines, and then migrate to the

Treatment .- As soon as the disease is ascerbe separated from the healthy ones; and those be well to place in quarantine. Strict attention should be paid to cleanliness and general comfort, and free ventilation, yet allowing a warm temperature. The bowels require to be kept open, with gentle laxatives; and mild doses of salines are useful. Feed with warm. sloppy, easily digested food, and have plenty of cold, clean water always accessible. It is not by any means a dangerous disease, if prop er care is taken of the patient, and complications do not occur.

If much fever is present it would be well to give three or four times a day as a drench, potassium-carbonate, 1/2 a drachm to 1 drachm; sodium carbonate, 20 to 40 grains: Epsom salts, 1 to 2 ounces. Dissolve in from a half to a pint of water. These doses must be regulated according to the size of the animal The smallest doses being suitable for pigs of about 50 fbs. weight, and the largest for anim mais of 200 hs and upwards.

MEASLES-cysticercus cellulosus.

applied to that morbid state induced by the presence of cysticercus cellulosus in the muscular structure of swine. It is a purely parasitic disease, and depends for its origin on the mature and fecundated ova of one or more it is now a conceded fact, that the tapeworm cyst of the pig, will produce tapeworm in both partake of the flesh, in the form of pork, ham, Young Folks Sent postage paid one year for man and dog. The ova of the tapeworm is or sausage.

or wallowing among human or canine excre- ova of teenia can only affect young pige under ment-afterwards developing-and the em- a year old, because in older animals they canbryos are supposed to pierce and pass through not pierce through the tissues, as experiments ten by A. R. Colman, V. S., of Canada, and will be the tiseues, and are then carried through the performed with animals over a year old have large arterial vessels by the circulation until generally failed. they reach their destination in the muscular Measles may be defined as "a contagious system or structures. But it would appear hogs might run at large without much risk febrile disease, characterized by catarrhal that this can only happen to young animals of contracting disease, but in thickly popusymptoms, and the presence of a rash upon the parasites not being able to make their lated districts, swine should be kept and bred the skin, without the disappearance of the way through the tissues of adults. Pigs are in enclosures. This is believed to be the only fever." It has often been confounded with said to be born measly, and it is supposed sure and proper way to prevent and keep this Fort Scott, Kan. small-pox. The term measles has been most that one of the most constant means whereby disease in subjection. erroneously applied to two diseases of the pig: the disease is propogated, is by breeding from the one being a parasitic malady, due to the affected parents. Pigs affected with cysticerci existence of cysticercus cellulosce in the mus- may become fat and never betray any sign of cular system; and the other, a disease of the sickness, or the parsites may be so numerous blood of a gangrenous character, usually as as to cause great constitutional disturbance. sociated with severe gastrointestinal derange- The flesh after death requires very careful ment, and well known as "hog cholera, blue examination to detect the cysts or bladders Mills, Golden Sheaf, 3.10; Pacific Mills, XXX, sickness," etc. Very little is really knewn containing the parasites. They are often 275; Graham, 300; rye, 275; corn meal, with regard to this malady. It is not known found beneath the internal membrane of the whether it is one and the same disease in man mouth, under the tongue, inner lining of the and these animals, or whether it is transmissa- eye-lids and the muscles below the spine withble from animals of one species to those of in the abdomen. The disease is supposed not in the abdomen. The disease is supposed not times for Leavenworth, is the constantly into be so prevalent now as formerly, owing creasing demand for goods of Leavenworth manufacture, not only in Kansas, but through Symptoms.—From what has been observed probably to the animals not being allowed to out adjoining states. Every manufacturing of this disease, it appears to consist of irrita- run at large so much and get access to hu- establishment in the city has all the orders it tive fever, with estarrhal symptoms, swelling man excrement. And it would be a wise sys- can fill, and wherever Leavenworth goods are of the head and throat, constipation usually, tem of prevention if pigs were universally en Everything that is manufactured here—from and loss of appetite. Irregular eruptions closed, and not permitted to run at large; for a cellar box to a steam engine, from a box of commonly begin to appear about the second a sery few persons affected with tapewerm matches to an iron bridge, from the cheapest or third day, which are generally confined to discharge joints sufficient to contaminate an kitchen chair to the finest of parlor furniture, the insides of the thighs and foreslegs, sides immense number of hogs. Each joint of a and under-parts of the body and face, and tapeworm is supposed to contain 53,000 ova or consist of a perceptible elevation, the redness eggs and when we consider what an immense of which disappears on pressure. In the center of these elevations a very perceptible hard- of diet, too great care cannot be exercised to ness is felt, usually after the expiration of prevent the flesh from becoming affected, another day, a red papulous eruption takes thereby protecting the human family from

nline or parasite, and appear to be generally found muscles. No symptoms have, as yet, been observed to be pathognomonic of their prestained to be present, the sick animals should ence in the muscles. It would appear, however, that they may be the cause of the morbid that have been in contact with them, it would phenomena produced by eating the flesh of animals in which they existed, and likewise of sausage poisoning, and of the poisoning resulting from eating pork and ham affected with cysticerous cellulosus. There are also other varieties of tonia and hydatid parasites. peculiar to other animals, as cattle and sheep, body. Pigs, and often cattle and sheep, suffer na! organs of man, when consumed as food, especially when taken in a raw underdone sufficient to notice that affected fiesh is capafamily, and our chief aim should be, by every continuation of this disease in the animals un. cent. der our care. Prevention in these cases is about all that can be done, as treatment is of honey. I have doubled my number of col-The very inappropriate term "measles" is little or no avail, for it is usually not until onies, by natural and artificial swarming. after death and in the cutting up of the meat, There are very few pursuits in which we that the disease is observed. If pigs were can invest a small amount of capital and kept more enclosed, where they could have no make such handsome profits as in bee-culpossible access to the excrement to the human ture. It has been well-said of bees that they introduction into the system of the pig, of the beings and dogs, the disease would be much lees prevalent than it is now. Though hapspecies of tapeworm (tania). From experipily we are not so much troubled with it here. ments and observations that have been made, as some other countries, especially in Ireland, where probably the majority of the pigs are of man (tonia solium) and the tapeworm of allowed to run at large, -nearly every little the dog (tania serrata), and probably of the cottage having one or more pige, where they wolf, will produce in the muscular system of roam at will, with every facility of taking inthe pig the cystic form or parasitic, the cysti- to their systems the ova of human or canine cercus cellulosus, and in the brain of the tonia, and afterwards becoming the very sheep the occenurus cerebralis, or hydatid dis fruitful source of affecting with trichina or ease, and the cysticercus cellulosus or measles tapeworm thousands of human beings who

Organized in 1855, Received its name om the Shawnee tribe of Indians, whose original reservation in Kansas embraced a considerable portion of the county. Square miles, 558. Population to square mile, 27 62. Population in 1860, 3,513, in 1870, 13,121, ncrease in ten years, 9,608 population in 875, 15,417 increase in five years, 2,296,

crease in fifteen years, 11,904.
County Seat,—Topeka, the county seat, the capital of the State. Face of the Country.—Bottom land, 31 r cent., upland, 69 per cent., forest, 8 per

nt., prairie, 92 per cent. Average width bottoms: Kansas river, three miles, Misouri creek, one-half mile, Wakarusa, one smaller streams, various widths. General surface of the country, undulating, some portions, adjoining the Kansas river bottom,

Diuffy.

Timber.—The timber is confined to the water courses. Varieties: elm.cottonwood, black walnut, oak, sycamore, box elder,

hickory and ash. Principal Streams,-Kansas river, flows southeasterly; tributaries from the north, Baubien, Cross, Soldier and Indian creeks tributaries of the Soldier, Little Soldier, Moccasin and Half Day creeks, tributaries of the Kansas, from the south, Vesser, Mission, Shunganunga, Deer, Stinson and Tecumseh creeks, tributaries of Mission Tecumseh creeks, tributaries of Mission creek, Haskell and Blacksmith creeks. The Wakarusa flows southeast, tributaries from the north, Six-Mile and Lime creeks, from the south Two-Head and Berry creeks. the springs are not numerous, but there are some excellent ones; good well water is ob-tained at a depth of from 18 to 40 feet.-From Agricultural Report, 1865.

IMPORTANT DISEASES THAT APPECT taken into the system of the pig by feeding It would appear that the embryos of the

In some of the sparsely populated districts

(TO BE CONTINUED.)

Wheat, No. 3, \$1 00; No 4, 85c; corn, 20c; rye, 85c; cats, No 2, 15c; Flour, Douglas, Co Mills, XXXX, 2, 75; Douglas, Co Rose, 2.50; Delaware Mills, New Cable, 8.80; Delaware Mills, XXXX. 290; Delaware Mills, Chantibolted, in bulk, 75c, in paper sacks, 85c; chop feed, 70c. bran, 40c.—Lawrence Standard.

PROFIT OF BEE-KEEPING.

From the report of the Southern Kentucky Bee Association as reported in the American Bee Journal we take the following extract from a paper read by Dr. Botts:

Aside from the pleasure of bee-keeping, the profits are far greater than can be realized from the same amount of capital invest-The disease known in the human family by ed in any other stock. Say bees pay an fect subsidence usually takes place by the this name, is due to a small species of entoza average of 20 per cent., then would not the well managed, they hardly ever pay less Reduced Rates for 1878: than 100 per cent., and often as much as than 100 per cent., and the stratements of the strategy of the

The most expensive part of bee-culture is at the beginning. We have to buy bees, hives and other apiarian supplies, but when once bought, if well cared for, they will last almost a life-time.

By getting our bees in good condition and giving them the necessary care, we may from eating the flesh of which, this, or simis confidently expect to be well paid for the lar diseases may be induced in the human expenses we have incurred and the pains we have taken. To illustrate : Last spring to a great extent from hydatide of the liver. I purchased four colonies, two of them very These cysticerol are apt to take up their abode strong and two weaker, for which I paid also in the liver, mesentery and other inter-\$12.25. They were all in log gums; I transferred them as early as possible, and from condition. But it is not necessary here to go honey—enough to more than pay for all of one of them I extracted over 100 lbs. of fine them. Beside each one of the four gave ble of producing this disease in the human me a large swarm, paying in honey and increase of stock at least 400 per cent., the possible means, to prevent the spread and best one of the four paying 600 or 700 per

From 12 colonies I extracted 700 lbs. of " are the only servants that work for nothing and board themselves."

To be successful, and make this avocation both pleasant and profitable, we must study it, for unless we understand how to properly manage our busy little insects we soon meet with losses that will discourage us. We should also love the business, which we are very likely to do, it we know how to conduct it.

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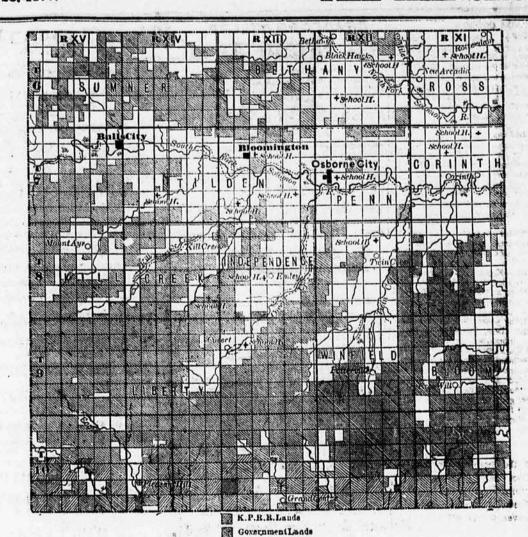
The Only Book of the kind in Price 50 cents, only. The book will be mailed to any address on the receipt of the price. Now is the time to learn the practical experience given in this book. Be ready for your Winter and Spring work on your Hedge Fences and plantings. Address, Prof. P. B. ROUCH, Topeka, Kansas.

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Apple Root Grafts Made to order, of ist class stock in the best manner, by experienced workmen, and packed to ship safely to all parts of the United States. Price Lists of va-

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FOR 50 cents we will send you a 64 pege pamphlet con'aining beautiful life like chromos of hency plants and Italian Bees in heir natural color. Prize essay by Mrs. B. T. Tapper Queen Rearing by M. Quinny and the proceedings of the National Contains a full roor to the proceedings of the National Bee Keepers' Arsociation at their sanual convention, held in N. Y. City on he 18th 17th, and 18th of Oct. 1877 Appnal Subscription \$1.56. Bee-Keepers Text Book 40c. Address, A. J. KING & CO.,61 Hudron St., N. Y.



LINCOLN COUNTY.

Organized in 1870. Named in honor of Abraham Lincoln, the sixteenth president of the United States, and author of the Emancipation Proclamation, assassinated April 14, 1865 Square miles, 720; population to square mile,

346. Population in 1870. 516; population in 1875 2.493; increase in five years, 1,977.

County Seat.—Lincoln Centre, the county seat, is 132 miles in an air line from Topeks,

in a westerly direction.

Face of the Country —Bottom land, 15 per cent; forest 1 per cent; prairie, 99 per cent Average width of bottoms, one and one-half miles; general surface of the country-the greater part undulating, but some portions are level, others bluffy.

Timber.—Belts of timber along the princi-

pal streams average about one-quarter mile in width. Varieties: cottonwood, ash, black wal

nut box elder, oak and elm.

Principal Streams.—The Salina river is the principal stream. It flows east through the entire extent of the county; tributaries on the south side, Table Rock, Owl. Brush, Eikhorn, Bullfoot, Oak, East and West Twin creeks; general direction northesst. Tributaries on the north, Twelve mile, Beaver, Yanger, Lost, Spillman and Wolf creeks; general direction, southeast. The county is well supplied with springs; good well water reached at from 20 to 50 feet.

Coal.-Coal has been discovered cropping out of the banks. The quality is poor, and none has been mined for use. The veins are from 10 to 20 inches in thickness, and have been found in township 11, range 9 west. Building Stone, etc.—Inexhaustible quan-

tities of stone found in the bluffs-white mag. nesian limestone, of good quality. There are several salt springs and marshes on S. lt creek and its tributaries, but their value has not

been tested.

Railroad Connections.—There are no rail. Agriculture.

FOOD FOR PRODUCING MILK.

We think dairymen have not sufficiently appreciated the value of the pumpkin as food for producing wilk. The prejudice against this food for mileh cows has arises from the effect of the seeds when given in tolarge quantity. The seeds have a diurstic ef fect, operating on the kidneys, and this has sometimes lessened the flow of milk; but if small portion of the seeds are removed, this danger is wholly overcome. Indeed, the cas es of ill-effect have probably occurred from feeding more than the due proportion of seeds

We have seen pumpkins fed quite freely with excellent result in quantity and quality of milk; but it is not fit or economical to feed too largely of any one food. Potatoes fed in moderation are excellent for milk; but, given in too great quantity, they will reduce the yield. Turnips or beets must not be given too liberally, corn-fodder, given as a sole ration is unprofitable; but fed with half-pasture, will keep up the yield of milk, and add largely to the profit of the season. So pumpkins are ex cellent to keep up the fall flow of milk. Hav ing fully the value of turnips, per weigh: they are more cheaply raised, and should be added to the yearly supply of food by every dairyman. When grown alone, it is found that as many tone per acre may be produced as of turnips; but the custom mostly is, to grow the pumpkin with a corn crop. From one to two tons may be grown with a good yield of corn, requiring little more than placing the seeds, at distances of about 20 feet apart, in alternate rows of corn. The cultivation of the corn will be sufficient attention to the pumpkin crop; and this crop will often be equal, in food value, to ten bushels of corn per corn, requiring little more than placing the acre. - Live-Stock Journal.

· THE STRAY LIST.

Strays For the Week Ending December 26, 1877 Anderson County-J. W. Goltra, Clerk.

STERE—Taken up by E W Pomeroy, Indian Creek Tp. Nov 21, 1877 one yearling steer, light red and white, upper part of face white with red around each eye and above the noise, white und r the belly, tip of letthorn broken off, no other marks nor brands visible. Valued at \$14 50.

*#EIPER—Taken up by Geo Bach, Putnam Tp. Dec. 3, 1877, one 3 year-old white heifer, with two black feet and black area, a small black aripe ar und the nose, no other marks nor brands. Valued at \$15.

Lincoln County.

Bourbon County -- I H Brown, Clerk.

Bourbon County—I H Brown, Clerk.

78TEER—Taken up by F D Myrick, one white steer, with some red spots, crop off left ear, supposed to be 2 yrs old, past, no bra da perceivable. Valued at \$20.

8TEER—Taken up by J W Baluum, 'imberhill Tp. one steer, supposed to be 1 yr old last spring, red with white steer, but he had been and tall, both ears marked but cannot ten how, no brants Valued at \$15.

8TEER—Taken up by W H Jonnson, Osage Tp, one red and wante spotted steer, 1 yr old, marked with two sills in left ear and swallow-fork in right, no brands visible. Valued at \$12.

HEIFER—Taken up by Joseph Noret Marmaton Tp, one 2 yr- old heifer, medium size, red an 'white spotted, white lace, no marks nor brands. Valued at \$15.

PONY—Taken up by Aaron Holeman, Franklin Tp, one black horse pony, white face, both sind feet white and the left hip down, to other marks nor brands, about 2 yrs old. No value given.

8TEER—Taken up by C Daniels, Walaut—Tp, one red and white, spotted, yearling steer, no marks nor brands, Valued at \$15.

STEER—Also, one red roan yearling steer, with brand on hip supposed to be [P]. Valued at \$15.

Elk County—George Thompson, Clerk.

Elk County-George Thompson, Clerk.

Lyon County .- J. S. Craig, Clerk

Miami County—C. H. Giller, Clerk.

STEER—Taken up by J D Lindsay, Sugar Creek Tp., Now. 17, 1873, one white yearling steer, with red ears, crop off right ear. Valued at \$15.

STEER—Taken up by Wilson Palmer Ossge Tp., Dec. 6, 1873, one red and white steer, 2 years old, branded on oght hip with unknown brand. Valued at \$20.

STEER—Taken up by G L Kenoche. Middle Creek Tp., Nov. 16, 4877, one white, yearling steer, some red about the head and neck, some red spots on body. Valued at \$15.

Also, one red yearling heifer, white spot in Iorehead, some white spots on body. Valued at \$15.

COW—Taken up by Dedrick Miller, Valley Tp., Nov. 12, 1877, one fred cow, 4 or 5 yrs old, crop off right ear, two underbits in left ear, points of b th horns sawed off, oranded \$10. In the land of th

alued at \$30. FILLY—Taken up by James Stevens, Osage Tp, Nov 19 \$77, one dark brown filly 2 yrs old, star in ferenead h narks nor brands. Valued at \$50. Norton County-N. J Fitz Patrick, Clerk STERE: Taken up by G N Cheeseman, Solomon Tp, Nov 5, 1877, one Texas steer, about 13 hands high, 2 yrs old pass red, both hind feet white, some white in forehead, braned in form of a diamond on right side. Vanued at \$12.

Nemaha County-Walter J. Ingram, Clerk. COW-Taken up by D A Rister, Richanond Tp. Dec. 14 1877, one red cow 5 yrs old, crop and underbit in right ear, slit in left, understruck brand on left hip. No value

Riley County-Wm. Burgoyne, Clerk.

STEER-Taken up by Ed. Secrest, Jackson To, Nov. 10 IST7, one red and white steer, underbit in both ears, 1 yr old. Valued at \$14.

STERR—Taken up by Andrew Anderson Zeandale Tp., Dec. 14, 1577, one steer, bedy mostly white, neck and legs red, slightly mixed with white, below medium size, When walking, holds his head lower than cattle usually do, no marks nor brands. Valued at \$20.

COLT—Taken up by E. \$1, John, Zeandale Tp. Dec. 10, 1577, one iron gray mare colt, star in forchead, i yr old, no marks nor brands. Valued at \$20.

Summer County-stacy B. Douglass, Clerk Russner County—stacy B. Bouglass, Clerk
Taken up by James W Wright, Oxford Tp. the following
described stock, to wit:
HEIFERS—One 3-year-old black and white heifer, bra
on hip indescribable. Valued at \$6,
Also, one 3-year-old black and white heifer, crop ears, s me
brand. Valued at \$6,
Also, one 3-year-old black and white heifer, same brandy valued at \$6
Also, one black necked 6 year-old heifer, Valued at \$7
COW—white spots, lame in righthind leg, 5 yrs old, Valued at \$5.
Also, one white cow, 5 yrs old, one hip down, very lam
Valued at \$5.
Also, one spotted red and white, cow, crop ears, sore fee
6 years old. Valued at \$7.
BUIL—One white 2 year- id buil, no marks. Valued at \$7
STEER—One red and white 2 year-old buil, Valued at \$8
Woodson County—I. A Holloway, [Clerk
Taken up by W B Woodside, Eminence Tp., Nov 20

Taken up by W B Woodside, Eminence Tp., Nov 20 1877, one brindle steer, under and overbit in both earb anded (Cr)on left hin, a little white under belly, no oil er marks nor brands, 2 yrs old. Valued at \$20 COW—A 180. Taken up by J H Berger, Owl creek Ti. Nov 30, 1877, one roan cow, 5 yrs old, no marks nor brands Valued at \$14.

Wabaunsce County-G. W. Watson, Clerk MARE—Taken up by D C Keler, Mission Creek Tp, Nov 10, 1877, one brown mare 2 yrs old, branded (O I) on lef shoulder. Valued at \$25.

Eik County—George Thompson, Clerk.

COW—Taken up by W P Hamsberre, Elk Falls Tp. Dec 6, 1877, one large, red cow, white belly, branded on right side (O, Off 12), on right hot, it is R), shounts yre old, with her a roan suckling cast.

GOLT—Taken up by K S Cummings, Elk Falls Tp. Nov. 2,4877/one yearling dun-colored horse colt, slit in lett car, valued at \$12.

COLT—Also, one yearling colt, dark brown, no marks for the same at \$12.

GOLT—Also, one yearling colt, dark brown, no marks of the color of the same at \$12.

GOLT—Taken up by Jacob Yoakum, Douglas Tp., Nov. 16, 1877, one bay yearling filly, white spot in forehead some white on nose and inside of left hind toot. Valued at \$25.

BTERK—Taken up by Jasac Cordon, Liberty Tp., Nov. 17, 1877, one red and white yearling steer, white across the shoulder, red neck. Valued at \$15.

STEKR—Taken up by Peter Davis, Grant Tp., Nov. 17, 1877, one red yearling steer, no marks nor brands visable Valued at \$15.

STEKR—Taken up by Peter Davis, Grant Tp., Dec. 5, 1877, one red yearling steer, white lace, no marks nor brands visable Valued at \$15.

Lyon County—Chas H. Krebs, Clerk.

STEER—Taken up by G W Thompson, Mt. Pleasant T, 1877, one red steer, few whit spots on each side, split in left ear, medium size, about 19 split in left ear, medium size, about \$40.

STEER—Taken up by G W Thompson, Mt. Pleasant T, 1877, one red steer, few whit spots on each side, split in left ear, medium size, about \$40.

STEER—Taken up by G W Thompson, Mt. Pleasant T, 1877, one dark \$40.

STEER—Taken up by G W Thompson, Mt. Pleasant T, 1877, one dark \$40.

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STEER—Taken up by G W Thompson, Mt

kik County-Geo Thompson, Clerk

Lyon County.—J. S. Craig, Clerk

HEIFER—Taken up by Simon Taither, Americus Tp., Dec. 5, 1877, one red roan helfer 2 yrs old, no marks nor brands. Valued at \$15.

COLT—Taken up by W B Holt, Elmendaro Tp. Nov. 1877, one year hoor. Valued at \$20.

HEIFER—Taken up by John B Withers, Jackson Tp, 18, 1877, one yearling helfer, red, with white belly, crop off, and swallow-fov k in right ear, no other marks nor brands. Valued at \$2.

STEER—Also by same, at same time, one red orindle yearling steer, white under belly, crop off, and swallow-fov k in right ear, upper and underbit off left ear, oo other marks nor brands. Valued at \$12.

STEER—Also by same, at same time, one red orindle yearling steer, white under belly, crop off, and small swall ow-fork in right ear, upper and underbit off left ear, oo other marks nor brands. Valued at \$12.

Jessenweile Compton Compton

HEIFER—Taken up by Mrs A E Skioner, Delaware Troce. 13.1877, one-year old, past, dark red helfer, generally potted with Silties, short berns. Valued at \$13.

HEIFER—Taken up by John C Wison Tonganoxie Tp., Sep. HORSE—Taken up by John C Wison Tonganoxie Tp., Nov.13, 1877, one bay horse, 12 yrs old, collar marks on each and harness marks on each side. Valued at \$40.

MARE—Taken up by John C Wison Tonganoxie Tp., Nov.16, 1877, one sorrel mare 4 yrsjold, 1415, hands high, both and fred white, star in forehead, and small white spot on end of nose. Valued at \$30.

Mismit County—C. H. Giller, Clerk.

STEER—Taken up by J D Lindsay, Sugar Creek Tp., Nav. 17, 1877, one white yearling steer, with red ears, crop of right rear. Valued at \$30.

STEER—Taken up by Wilson Palmer Osage Tp., Dec., 1877, one red and white steer, 2 years old, branded on cigit hip with anknown brand. Valued at \$20.

BTEER—Taken up by G L Kenoche, Midde Creek Tp., BTEER—Taken up by Edwin Moorhead, Americus Tp.

20,1877. one dark brown fillly, mouse colored nose, medium size, star in face, no marks or brands. Valued at \$25. HEIFRIK—Taken up by Edwin Moorhead, Americus Tp Nov. 1877, one black and white snotted heifer, yrs old swallowfork in lett car, no other marks or brands. Valued at \$12. COLT—Taken up by T J Atchison, Fremont Tp., Nov. 1, 1877, one bay mare colt, 1 year old, right hind foot white star 'n face, small for its age, hip-hot. Valued at \$20. FILLY—Taken up by Ira Hinsha-" Emporia Tp., Nov. 1877, one bay tilly 2 yrs old, no marks or brands visible. Valued at \$20. STELE—Taken up by EB Hadley, Pike Tp., Nov. 19 1877, one bay tilly 2 yrs old, no marks or brands visible. STEEE—Taken up by E B Hadley, Pike Tp., Nov. 19 1877, one can appear to the right ear, swallow-fork in the same, 1 year old fast spring no other marks or brands. Valued at \$20. Cold Taken up by F H Whitesell, Waterloo Tp., Nov. 7, 1877, one white roan heifer? years old past, (with a red roan heifer call 3 months old) marked with a crop off one ground the horns. Valued at \$20. Cold Taken up by Pai- Long, Fremont Tp., Nov. 5, 1877, one bay mare colt 2 yrs old, with some roan hairs n body, one white loot, star in fate, white round root of all. Valued at \$25.
HORSE-Taken up by Morgan Thomas, Pike Tp., Nov. 5 877, one black horse about 6 years old, branded on left houlder If yeuclosed in a diamond and [C] on left hind cy, scar and broken rib on same side, no marks visible, valued at \$35.

Jefferson County-D B Baker, Clerk,

HEIFRI.—Taken up by J J Robinson, Jefferson Tp., bec. 10, 1875, one yearling heifer, black and white spotted short tail, no marks or brands: Valued at \$15, HEIFER—Taken up by Albert Edwards, Union Tp., Dec. 10, 1875, one 2 yr old heifer, rather small, white branded on right hip [H]. Valued at \$12 50.

Also one 2 yr old red steer, some white about his legs selly, branded on left hip [s]. Valued at \$15.

STERE—Taken up by Geo. Werst, Ozawkie Tp., Dec. 40, 1877, one red roan steer, medium size, red and white spots on legs, white face no marks or brands. Valued at \$15.

MARE—Taken up by V L Shelton, Ozawkie Tp., Dec. 10, 1877, one bay mare, about 9 yrs old. 15 hands high, branded on right snoulder [S] leather on, has the appearance of a work animal. Valued at \$25.

MULK—Al-o, one light sorrel mare mule, about 4 yrs old, 144 hands high, has the appearance of a work animal, no marks or brands. Valued at \$50.

Reno County-H. W Beatty, Clerk.

COW-Taken up by Geo. Hern, Castletoñ Tp., Nov. 10, 1877, one blue red cow, about 10 yrs old, branced [H] on left hip. Valued at \$12.

Also by same, at same time, one 2 yr old blue roan heifer branded on left hip [H]. Valued at \$12.

Also, by same, at same time, one 2 yr old steer brown, with white on flanks, and white face. Valued at \$14.

Also, by same, at same time, one 2 yr old steer, pale red, no marks or brands. Valued at \$10. STEER—Taken up by Jesse Efaw, Jackson Tp, Nov. 23, 1877, one white steer, red head and neck, some white in forehead, legs red and white, one year old. Valued at \$14, STEER—Taken up by C. White, Diaze and dark neck, no marks nor brands. Valued at \$18, Nov. 24, 1877, two 3 yr old steers, one dark roan with blaze face, the other, a light roan with blaze lace and dark neck, no ther, a light roan with blaze lace and dark neck, no ther marks nor brands perceivable. Valued at \$50, 1877, one white helfer, red ears. Valued at \$12.

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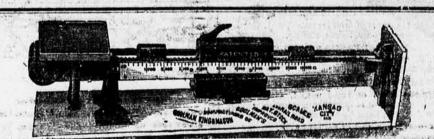
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Governor, Geo. T. Anthony. Lieut, Governor L. U. Humphrey. Secretary of State, Thos. H Cavanaugh. Auditor, P. I. Bonebrake. Treasurer John Francis. Superintendent of Public Instruction Allen B. Lemmon, A torney-General, Willard Davis. Adjutant-General. Peter S. Noble State Printer Geo. W. Martin. Superintendent o Insurance Department, Orrin T. Welch. State Librarian, D. Dickinson. Secretary State Board o Agriculture, Alfred Gray. Chief Justice Suprem. Court Albert H. Horton. Associate Justice, Daniel M. Valentine. Associate Justice, David J. Brewer.

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Address, for information, State University, Law-rence, Kansas. 45.920 acres for sale in Allen, An-derson, Coffey, Linn, Wabaunsee and Woodson

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00,000 Acres of Land for sale. Office of the COVERNMENT LAND-DISTRICTS OF KANSAS.

NORTHWESTERN LAND DISTRICT.

F: CAMPBELL, Register; J. M. HODGE, Receiver, Kirwin, Phillips county, Kansas,
Comprising the counties of Jewell. Mitchell. Smith, Osborne, Phillips, Rooks TNorton, Graham, Decatur, Sheridan, Rawlins, Thomas, Cheyenne, and Sherman.
There remain in this district, open for settlement

at this time, about 4.750,000 acres that can be tak-enunder the homestead, pre-emption and timber (For further information, address J. M. Hodge,

WESTERN LAND DISTRICT

WESTERN LAND DISTRICT.

L. F. EGGERS, Register; A. J. VICKERS, Resceiver, Hays City, Ellis county Kansas.

This district comprises the counties of Ellis, Rush, Ness, Trego † Gove,† Lane,† Scott,† Wichita,† Greeley,† Wallace.

There are yet vacant and open for settlement in this district, under the various acts of Congress, about 3 020,550 acres. About 68,000 acres are settled upon and being improved. Only three counties in this district have settlement to speak of, towit: Ellis, Rush and Ness. There will, however, be considerable settlement and improvement in other counties during the coming summer.

(For further information, address the Register.)

SALINA LAND DISTRICT.

SALINA LAND DISTRICT. T. L. BOND, Register; D. R. WAGSTAFF, Receiver, Salina, Saline county, Kansas.
Comprising the counties of Davis, Morris & Chase, Marion, McPherson, Ellsworth, Russell, Lincoln, Ottawa, Dickinson and Saline.
The amount of government land in this district, subject to entry at this time, is estimated at 500,000

(For particulars, address the Register.) TOPEKA LAND DISTRICT.

W. H. FITZPATRICK, Register; C. B. LINES W. H. FIZEATRICK, Register; C. B. LINES, Receiver, Topeka; Shawnee county, Kansas.

Comprised of the counties of Marshall, Pottas watomie, Wabaunsee, Lyon, Coffey † Osage, Shawnee, Jackson, Nemaha, Brown, Doniphan, Atchison, Jefferson, Leavenworth, Wyandott, Douglas, Johnson, Franklin, Miami, Anderson, Linn, Morris, Chase, † and Greenwood. †

These are no years land in this district worthy. There are no vacant lands in this district worthy

B. H. MCECKRON, Register; E. J. JENKINS, Receiver, Concordia, Cloud county Kansas,
The following counties are located in this district:
Jewell,† Republic, Washington, Marshall,† Pottawatome,† Riley, Clay, Ottawa,† Lincoln,† Mitchell,† and Cloud.
Estimated number of acres of government land in this district, subject to homestead, pre-emption, and timbersculture entry, is between 75,000 and

80,000.

(Additional information can be obtained from the

ARKANSAS VALLEY DISTRICT.

C. A. MORRIS, Register; ELI GILBERT, Re ceiver, Larned, Pawnee county, Kansas.

The counties located in this district are as follows: Barton, Rice. Pawnee, Edwards, Ford,

Pratt, Barbour, Kice. Fawnee, Edwards, For Pratt, Barbour, Comanche, Clark,† Hodgeman Buffalo,† Foote,† Meade,† Seward,† Arrapahoe Sequoyah,† Kearney,† Grant,† Stevens,† Kansas, Stanton,† and Hamilton,† 'There are about 7,500,000 acres of land yet to be

taken in the district.
(Address the Register for information.)

WICHITA LAND DISTRICT. H. L. TAYLOR, Register; J. C. REDFIELD, Re-

H. L. TAYLOR, Register; J. C. REDFIELD, Receiver, Wichita, Sedgwick county, Kansas.
Comprised of the counties of Reno. Kingman, Harper. Sumner, Sedgwick, Cowley, Butler, Hargvey, McPherson, Marion, and Chase the There is a large amount of excellent land still open for settlers in this district. No report has been received from the officers.

(Perceived information, can be obtained from the

(Desired information can be obtained from the Register.)

OSAGE LAND DISTRICT.

W. W. MARTIN, Register; H. M. WATERS, e, Montgomery county

Kansas.

Comprising the counties of Greenwood,† Elk, Chautauqua, Montgomery, Wilson, Woodson, Allen, Neosho, Labette, Bourbon, Crawford, Cherokee, Linn,† Anderson† and Coffey.†

A close estimate of land open for actual settlement shows as follows: Osage Trust and Diminished Reserve land, under act July 15, 1870, 650, 000 acres; Osage Ceded land, act August 11, 1876, 500,000 acres. Homestead and pre-emption land in this district does not amount to very much-probably 50,000 acres, of an inferior quality, hardly worth settling upon.

(For further particulars, address the Register.)

Portions of these counties extend into other districts 'Unorganized, and known as the "Western Plains."

HOW TO PRE-EMPT LAND.

leclaration of invention to pre-empt, and within hirty months from filing the land must be paid for. If within ten miles of a land grant of a railroad, he price is \$2.50 per acre; outside of that distance, \$1.25 per acre. No one can pay for land under the pre-emption law until the claimant and family (if he has one) have actually resided upon the land for ix months, and he must not be the owner of three nundred and twenty acres of land within the United states (exclusive of the pre-emption claim). No person can make a settlement or improvement on and for another which will hold for pre-emption. No one can hire another to live upon the land for No one can hire another to live upon the land its in such a way as to answer the requirements of the law that the pre-emptor shall have resided on the tract. One land warrant can be laid on a quarter-section (160 acres) in pre-empting, but it he land is \$2 50 per acre, the \$1.25 per acre must be paid in cash. Soldiers have no rights in pre-emption beyond any other person.

Commuting a Homestead.

Homestead settlers may pay for their land in cash (or warrants), at the Government price—\$1.25 or \$2.50—upon making proof of actual residence and cultivation for a period of not less than six months.

cultivation for a period of not less than six months from date of entry to the time of payment; but this does not interfere with the right to pre-empt.

The fact that a person has had the benefit of the pre-emption act does not in any case, interfere with his right to homestead.

The fact that a person has had the benefit of the

homestead act does not prevent him from pre-empt-ing. But no one can leave his or her own land in the same State or Territory to take the benefit of

the pre-emption act.

Inasmuch as both homestead and pre-emption require actual residence upon the land claimed, no person can hold land under both acts at the same

No person can pre-empt more than once. No person can homestead more than once. No person can make a second entry to a home stead, unless the first was illegal.

How to Acquire Land by Homestead. Any person qualified for pre-emption can ac uire, by occupation and the payment of commis-ion and fees, one hundred and sixty acres of land sion and tees, one nundred and sixty acres of land, held at \$1.25 per acre, or eighty acres of land within ten rules of a railroud, and held at \$2.50 per acre. Every homestead settler, except soldiers, must in person go to the land office to make the fising, unless he is actually living on the land, and then it is allowable to make the filing before the clerk of the county within which the land is situated. The right of land under homestead law dates from The right of land under homestead law dates from filing (not from settlement, as under pre-emption), and then the claimant is allowed six months, within which he must take possession of the land by
occupation and improvement. Within seven years
thereafter, the settler must go to the land office and
prove by two witnesses that he has resided upon and
cultivated the land for five years immediately succeeding the time of filing, and thereupon the set-

ler is entitled to a patent.

Absence from a homestead for more than six months at any one time during the five years' works a forfeiture of all right to the land, if proven to the satisfaction of the U. S. Register. Homesteads are not liable for debts contracted prior to the settle-

In case of death before the title is perfected either by pre-emption or homesteading the rights of the deceased descend to the widow or heirs.

You Pay Fees, Commissions, Kto

۱		AS PER APPENDED TABLE.							
1	-	8	COMMI	BBION.	FEES.	Total Fees			
The second second	Ne Acre	Price P.	Payable when en- try is made.		Payable when en- try is made.	and Commis- sions.			
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How to Secure a soldier's Claim

1st. Any soldier or sailor who has served no less than ninety days "during the recent rebellion, and was honorably discharged, and remained loyal, can homestead one hundred and sixty acres, either inside er outside the ten-mile railroad limits.

2d. The time he served (or if discharged on account of wounds or disability, the time for which he enlisted) will be deducted from the five years resi-dence required for securing a title: provided, That he must in all cases actually reside upon the land (with his family, if he has one), at least one year. 3d. A soldier or sailor can file upon lands through an agent. The agent must have a power of attorney from the soldier or sailor, and must go to the land office in person and make a declaratory statement, and pay a fee of \$2; but the soldier or sailor must commence actual settlement within six months thereafter, and pay the regular homestead fees of \$14 on \$1.25 land, or \$18 on \$2.50 land, or he forfeits all right to the land, and loses all his homestead rights. Therefore, no man ought to em-ploy an agent to locate land unless he is certain to move on it in six months, and he must then reside upon it at least one year, no matter how long he

erved in the army or navy.

4th. That the widow, if unmarried, or in case of her death or marriage, then the minor orphan children of a person who would be entitled to the benefits of this act, may enter lands under its provisions; and if the person died during his term of enlistment the widow or minor children may have the benefit of the whole term of enlistment.

The above includes all the changes made for the enefit of soldiers under the new law.

WHEN AND HOW TO PAY TAXES IN KAN-

As tax-paying time has come, the following information will be valuable to most taxpayers.

I. Taxes become due Nov. I, and the whole or one-half of the same may be paid on or before Dec.

6. Warrants for delinquent taxes on personal property will be issued Jan. 1, and July 1.
7. Lands delinquent for taxes will be advertised July 10, and sold on the first Tuesday in Sept-

8. After the tax sales, the amount of the taxes and costs will be subjected to interest at the rate of fifty per cent, per annum.

9. At the end of the third year, tax-deed will be issued to the purchaser

PAMILIAR PARM TOPICS.

. . NO. 52.

PRACTICAL EDUCATION.

For the last forty years there has been a growing sentiment that our higher colleges Every head of a family, or widow, or single man or woman over twenty-one years of age, being a citizen or having filed a declaration of intention to become a citizen, can pre-empt 100 acres of land inside or outside of railroad limits. The first act necessary is settlement, or the commencement of some work or improvement upon the land, and the pre-emption right dates from the first improvement or occupation of the land. Upon surveyed land the pre-emptor must, within three months of settlement, go or send to the land office in that district, pay two dollars, make a "fiting" or written should be connected with existing colleges, of agricultural and mechanical arts." The stamp.

or be independent. In some of the states. Connecticut for example, the agricultural school has been connected with the Sheffield scientific school of Yale College. In Michigan, lowa and others they established an independent institution, in no way under the control of the classic colleges. We in Kansas have done the same.

While the cry of retrenchment is so general among the people of our state, there s apprehension that an effort may be made to merge our agricultural cellege, now located at Manhattan, with the State University at Lawrence. This movement has frequently been suggested and it is well for the friends of industrial education to be on their guard. The "new departure" as it has been called, has hosts of enemies to contend with ; "the aristocracy of learning" is as powerful as "the aristocracy of wealth." Seven centuries of classic learning will not witness with indifference, any innovations made on their mode of instruction. Now and then we find one who stands forth and pro claims his opinions, Dr. Hitchcock, of Amherst College is decidedly in favor of independent institutions.

We cannot, in these notes, enter into the pros and cons of this question, they are too numerous : but the most prominent reason why these colleges should act independent. is, that agricultural knowledge can only be obtained by constantly testing in the field the theories of the school room. The idea that labor is degrading is (though not dedesignedly) fostered by setting apart, in our ordinary colleges an educated class, who are not workers, and who from superior education occupy high professional positions.

PROGRESS OF THE COTTON MANUFACTURE Fourteen of the northern states having cotton mills number 660. Number of spindles, 8,927,754; bales of cotton manufactured, 1,094,387. In the southern states there are in operation 187 mills; number of 487,629; bales of cotton manufactured, 128,526. Total, north and south, 1,222,913.

We never read any statistics concerning the growth or manufacture of the cotton staple, but we are compelled to smile at the gloomy prophecy which Gov. Hammond, of South Carolina, predicted would come to pass if slave labor in the southern states was brought about. From his executive ch. i . he issued orders, mandates, and warnings with the same authority as the Pope of Rome issues edict to the church. On one occasion he said, "annihilate slavery in the cotton states, and every mill in the country would be compelled to stop. The northern manufacturers would have to turn their operatives off, and then riots and revolution would follow. The cotton mills and manufacturers in England and Europe would starve, bread riots would follow, which would crumble down Kings and Princes, and their very thrones would tremble with consternation." Slavery has been abolished, and in place of the two and a half millions of bales of cotton, it now approximates about four million bales annually.

It is very amusing to look into these documents, perhaps it is wicked to do so, but we have a natural inclination for such JAS. HANWAY.

NEW ADVERTISEMENTS.

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

Repository of Fashion. Pleasure and Instruction."

Harper's Bazar. ILLUSTRATED.

Notices of the Press.

one-half of the same may be paid on or before Dec. 26, without penalty.

2. One-half of the taxes may be paid on or before Dec. 20, and the other half out or before June 10 following without penalty.

3. If the whole tax is paid, a rebate of five per cent, is allowed on the half that may run over to June 20.

4. On any property where half payment has not been made by Dec. 20, the whole becomes due, and a penalty of five per cent, is added Dec. 21.

5. A penalty of five per cent, is added March 21, and another five per cent, on June 21, on all property where the first installment was not paid by December 20.

Notices of the Press.

The Bazar is the organ of the fashionable world, and the expounder of that world's lawe; and it is the authority in all matters of manners, ctiquette, costume, and social habits — Bacton Traveller.

The Bazar commends treelf to every member of the household—to the children by droll and pretty pictures, to the young ladies by its fashion-plates in added to the children by droll and pretty pictures, to the young ladies by its fashion-plates in added by jits tasteful designs for embroidered slippers and luxurious dressing-gowns. But the reading matter of the Bazar is uniformly of great excellence. The paper has equived a wide popularity for the fireside authority with the ladies of America.—N. Y. Eccening Post.

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Cloth Cases for each volume, suitable for binding, will be sent by mail, postpaid, on receipt of \$1.09 each. Indexes to each volume sent gratis on receipt of starp.

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LIVER DISEASE and In digestion provail to a greater exter than probably an other malady, and relief is silver as a month, billons attacks, papilitation of the heart, depression of spirits or the blues, and a hundred other symptoms, Simmons' Liver Resoultance is the best remedy that has ever been discovered for these all ments. It acts mildly, effectually, and being a simple vegetable compound, can do no injury in any quantities that it may be taken. It is harmless in every way; it has been used for forty years, and hundreds from all parts of the country will vouch for its virtues.

LIVER

LIVER

LIVER DISEASE and In digestion provail to a great-to-ther malady, and relief is silver to silver. If the Liver canses Head-acted to the symptoms, but the country will vouch for its virtues.

Viz: Hon. Alexander H. Stephens, of Georgia; Blastop Pierce of Georgia; Blastop Pierce of Georgia; Blastop Pierce of Georgia; Blastop Pierce of Georgia; John Gill Shorter, of Alabama; Gen. John B. Gordon, R. L. Wott, of Columbus, Ga. are among the hundreds to whom we can refer. Extract of a letter from Hon. Alexander H. Stephens, dated March 8, 1872; 'I occasionally use when my condition requires it, Dr. Simmons Liver Education, with good off ct. 1: is mid, and suit substitute medicine.

It is not the quantity eatern that gives strength, the

REGULATOR

It is not the quantity catenth active medicine.

It is not the quantity catenth the property of the property of the property of the thorough dispession of the food taken let it be much or little. Therefore, do not missing on the stomache to carve food, but rather ist dispersion after esting by taking the property of the property of

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The "Little Giant" Cathartic, or Multum in Parvo Physic, scacely larger than mustard seeds, and are super-coated. They remove the necessity of taking the great, crude, drastic; sickening pills, heretofore so much in use.

As a remony for Hendache, Dizziness, Rush of Blood to the Head, Tightness about the Chest, Bad taste in Wonth, Eructaitean from the Stomach, Blisons Atricks. Jaundice, Pain in the Kidneys, Highly-colored Urine, and Internal Fever, Dr. Pierce's Pleasant Purgative Pellets are unsurpassed. Surthermore, I would say that their action is universal, not a gland escaping their aguative impress. Age does not impare the properties of these Pellets. They are sugar-coated and included in gives bottlet, their virtue being thereby preserved unsurprised for any length at time, so that they are always from any length at time, so that they are always from any lengths at the properties of the policy witch are put up in cheap wooden or pastaboard boxes. The daily use of two Pellets has acress the mast abstitute cases of Scrohla, Tetter, Salt-rheum, Brysipelas Boils, Blotches, Pimplen, Sore-Ryes, and Empitions. They are, however, recommended to be taken in connections with the Golden Medical Discovery, in order to secure the best results.

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FAVORITE

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