The Kansas Farmer.

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

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PARAFFINE.

Of the many products of modern chemistry, possessed of great utility in the arts, I propose to give the readers of the FARMER the history and uses of some of the more important, and I begin with parafilne.

This is a white, translucent, waxy body, lighter than water, melts at 1099 to 1519 F. It dissolves in warm alcohol of ninety-five per ent. proof, and is mostly deposited on cooling. It is soluble in ether, chloroform, bisulphide of carbon, benzine and the petroleum napthas, being abundantly soluble in all these fluids when they are warmed. It mixes in all proportions with animal fate, waxes, etc., also with fixed vegetable oils and all resins except amber. It burns with a wick, giving more light than the best of wax; the hard, transparent, ice-like candles occasionally seen in stores are made of paraffine.

Paraffine takes its name from its most valuable property, that of resisting the action of almost all chemicals.

It may be boiled with caustic alkalies, or with strong sulphuric acid. In the cold it is on by strong nitric or muriatic acid, hence it resists the corrosive action of all the chemicals, whether acid, alkaline or saline ordinarily found in drug stores, its solvents above named, and iodine, bromine and sulphur

excepted. From this property, corks or wooden vessels thoroughly saturated with paraffine become practically impervious to chemicals, resisting their corresive action. It is used for stoppers in lieu of glass for acid bottles; to coat paper in photography; as a lubricator; for candles; for a burning fluid; to coat pills; to remove fusel oil from spirits; to prevent frothing in sugar boiling; to prevent scale in steam boilers; it is the basis of "the best, purest and most wholesome of chewing-gums;" it makes let us as farmers give each other our experithe best basis for all manner of sealing waxes and grafting waxes; thinned with oil or of the good luck or good management of some chloroform it makes a fine cintment, which and avoid the mistakes and bad management may be medicated to the liking; made adhesive with resin it is the best of plasters; thinned with a refined paraffine it is "Cosmoline," a very fine ungent basis. It is the basis of all known shirtstront polishes, starch polishes, starch glosses, etc. It is the best of material to keep, iron, brass, steel or copper from tare nishing. Filtering paper saturated with it may be used to separate oil from water; meat immersed in it "frying hot" may be kept indefinitely by the film enveloping the meat, and this may be finally removed by boiling water; fruit covered with melted paraffine season to another; barrels, pails, chopping Club," which you can publish, or throw into bowls, etc., dipped in it and kept there at a temperature of 308° to 350° become air tight and water tight, with no more shrinkage, and chepping bowls no longer crack. Timber kept some time in the hot fluid is no longer subject to decay; druggists coat their acid chambers in soda fountains with it, and cor- wish the FARMER and all who are interested baths of high constant temperature. Any Need we apologize if we write on this occa. I was particularly glad to see the article from leaving the head, hands, feet, and other parts liquid from which it is desirable to exclude sion a miscellaneous, jumbling letter, full of Prof. Mudge, I thought he had forgotten the of the system, exposed; and, as a consethe air may be protected by an oily film of breaks and without connections. paraffine. Fabrics are rendered water proof For the last two months, during a twenty, structing, and who can do it in so few words dered trapslucent; walls may be varnished core, and for the last two weeks have not been another by Prof. Gale, than whom in his is no doubt the average case and woman as see that the second of the last two weeks have not been another by Prof. Gale, than whom in his is no doubt the average case and woman as see that the second of the last two weeks have not been another by Prof. Gale, than whom in his is no doubt the average case and woman as see that the second of the last two weeks have not been another by Prof. Gale, than whom in his is no doubt the average case and woman as see that the second of the last two weeks have not been another by Prof. Gale, than whom in his is no doubt the average case.

immersed in a melted bath of it look like mare uses warm; no frost, scarcely any sunshine, ble and may be washed afterwards. Drawing and mud and water everywhere. paper may be made transparent by immersion Corn in this county will turn out about in a solution of it in ether; dissolved in a 30 bushels to the agre. Oats yielded from 40 soft oil and colored black, it is a better leather to 75 bushels. Spring wheat, not much preservative than Miller's; shoemaker's wax raised, but was good, averaging 29 bushels. made with in lieu of beeswax remains soft Rye was a fair crop, about 22 bushels. Apand pliant; it is a good insulator for tele-ples a failure, but small fruit, as currants, graph wires, or for the bey's home-made elect gooseberries, raspberries, and strawberries, tric machine; the boys may make a plate yielded well. Other fruits, except grapes and electric machine of it. It is the basis of all wild plums, were light, or none at all. Hay

to some bad uses, such as adulterating chocos states. place in every household. Atchison, Kansas.

HUSBANDRY.

EDITOR FARMER: I have not the necessary amount of egotism to feel satisfied in my own mind that I can instruct my brother farmers n that noblest of occupations, viz: husbandry. I believe that any one farmer does. In this day and age of the world, writing for an age ricultural paper is no easy task. The field of literature, agriculturally speaking, have been if we consider ourselves on a plane with other other, spasmodic jerking of the head aldeways am certain that I do not know it all, nor do tural papers have multiplied in numbers, and out. as each ene must have its "notes on farming"

would be a very interesting one. I could tell the farmers that large crops pay better than small ones; that the striped-handled variety of broom corn sells best in the Chicago marcow, is with a clothes-pin attached to a tenfoot pole. However, such information as this would not benefit the farmer to a very great extent. The old-fashioned Methodists of Ill. inois used to hold "love feasts," at which each one was expected to tell his or her experience, and they declared it to be of great benefit in a spiritual point of view. Then ence in farming, that we may take advantage of others.

dent, if not I will knock it hire'n a kite, that the FARMER—the more original matter, fresh is, it Dick Sawyer is elected to preside. He from the minds of its readers, the better as a always crowds himself in ahead of me.

Still later.-We are organized; Sawyer Secretary, and your humble servant, Reporter! to success. Some editors, again, are so fastid The society did not elect a Treasurer for the ions, or assinine, that they will not admit to reason that there was no treasure to guard.

As I am reporter, you may occasionally hear of the sayings and doings of the "Clod-Hopper the waste-basket. Jubilantly yours,

Hill Spring, Kansas, Jan. 1st.

LETTER FROM ILLINOIS.

EDITOR FARMER: First and foremost, we

ropes and clothes-lines are protected from de- we have never known so still, dark, rainy best articles that have appeared in the FARMcay by it; as a substitute for sulphur in weather, with such unfathomable depths of ER in years past have come from his pen. A sufficiency of good, wholesome food is cematches; window glass coated with it is ren- mud. Many farmers are not done husking Then right by the side of his article appears sential to health in cold weather. And there

with it and marbled ad libitum; plaster casts able to get into the fields, and still it contin-

ed quantities by the distillation of the cannel not pay even at the low price offered for it. as Mr. Sinnett says, it will take concerted ac- to perform their functions properly; and by coals, and mineral waxes. It costs at retail Thirty cents per bushel is what is offered. A tion. prices now about 30 cents per pound, and can few figures will show that both raising the C. W. J. this is not because there is a superabundance are publishing on "Diseases of Swine." chains from generation to generation, as Eu- place. rope holds her laboring classes. Readers, is carefully harvested since the formation of the

Now, if we are to be a correspondent of the FARMER, our readers will naturally enough known or heard nothing until within the past seem that the subject has been pretty well want to know what kind of a "chap" we two years. I have treated the rest of my hoge written, published, and some of them sold, fully explaining the modus operandi of conducting forms of them sold, and some of them sold, the series of them sold, and some of them sold, the series of them sold, and our general health good, aloes should not be given to pregnant sows. ducting farm operations in a paying manner.

Nam (Special Research Room)

This wormseed grows in Kansas, and a strong not make a very large book, nor do I think it lieve true. We go for a free discussion of all subjects that truth may prevail. We cannot right in saying that our people are divided on persuade ourself that being a conservative, the subject of "hard-pan." If I am correct, ket, or that the safest way to milk a kicking or, in other words, a string assitude, is any part of the other river bottom. What I have been taught

duty of man. If not positive in opinion, go to work, read, talk, think, get at a pronounced opinion. Don't sit still, hampered by an eternal uncersomething to turn up-turn it up yourself. We discard mealy-mouthed sophistry as Christ did Satan. We love truth, fair reason. cide the question as to what it is. ing and logical conclusions. Don't believe us a willing bigot, and if you believe us wrong, don't hesitate to set us right. We are no less fallible than our readers, and are, Morris county, will be organized tolnight, and opinions on most subjects, and will maintain them until shown to be wrong. Write for to bore agricultural editors. A. G. CHASE. whele will the paper be liked. Some editors are so pig-headed, that they think their own brain and their scissors are the only palladium their opinions. This is a mistake, for men of mind do not want a paper which is confined progenitor—Dyspepsia. of freedom, equality and justice.

R. K. SLOSSON. Verona, Illinois.

THE FARMER AND ITS CONTRIBUTORS. is an exceptionally good one, in my judgment.

gentleman, but I read his articles with pleas-

his characteristic articles; you are never at a demoralized from December till March, and a whole race of complexion and skin beautifi- good, but did not pay for raising, and we sust loss to know what Brother Sinnett means. And you banish, in a great measure, the nosepect the field will be left for those who are he is generally correct in his premises, even if blowing, eneezing, coughing, and spitting With all these good qualities it is also put making new farms in lows and other western his conclusions are a little rough. I think the that invariably afflicts us during that sesson. principles of his present article are correct, and the farmers of the west should bestir use "s cold in the head" to a deranged stomsometimes doctored with it when prices are to sixty dollars an acre; and another thing themselves in this matter. God Almighty has ach; but a little observation will convince any high. Paraffine was first discovered by Reich- about land here, as well as elsewhere, is, that furnished us with these great water highways enback in the tar of beech wood; it attracted a majority of farms are plastered with mort- for the transportation of our produce; only but little attention until within the last fifteen gages, which the greedy builionists expect to the stupidity and cupidity of our congressmen or twenty years, when an abundant supply of sweep into their nets in a very few years, deprives us of the use of them. The people it was discovered could be obtained from the The price of beef cattle is, from 31/2 to 4 must educate our western and southern memsolid residue left in the still in petroleum re- cents, as per quality, and hogs, since the rush bers on this matter, and force the eastern fineries. It is a compound of carbon and hy- of 280,000 into Chicago in one week, has been members to render us even-handed justice in drogen only, and may be obtained in unlimit— here 3½ cents per pound. Feeding corn does the improving of our navigable streams. But petite, because the digestive organs are unable

. Pardon me if I express an unfavorable opinbe had at most drug stores, and is worthy a corn and feeding it is slosing business, and ion as to the practical value of the articles you of corn, or hogs, but because Wall street the many diseases that have been described, I mable to disease, or before the individual, as thieves, brokers and bondholders have the doubt if there is one that any average farmer we say in common parlance, "caught cold." people by the throat and mean to choke them would recognize, and few that he would meet out of all they have, except the necessaries of with in a lifetime. As a scientific contribulife, and mean to hold them in these clanking then to veterinary science, they may fill a

I have lost two young sows recently, (one this a pleasant prospect for your children and year old) that exhibited marked and peculiar the "gleaner" finds very little left. Agriculnumbers sometimes, and of which I have

Your correspondent, Mr. W. W. Cone, is or, in other words, sitting astride of the there is no hard-pan in the Neosho nor any plow will scoot over it like water from a duck's back. I have seen more of it on the tainty, like another Micawber, waiting for high prairie in Jackson and portions of Pottal watomie counties, although the beds are generally small. Perhaps Prof. Mudge can de-

I had hoped that the question of spaying heifers had become obsolete. As Prof. Shelton well says, the operation is difficult and dangerous and the results are unsatisfactory, to therefore, sometimes wrong. But we have say the least; but it is one of those questions that recur periodically, on purpose, I suppose,

PLAIN TALK ON FAMILIAR SUBJECTS.

NO. 1V.

Colds, in nine cases out of ten, proceed from their paper anything that does not agree with for the parentage of nearly all the ills that say it is the mildest winter they ever experithe stomach, and are caused by indigestion; flesh is heir to can be traced to that fruitful

A person whose stomach is in good condishall all become friends, bound for the good tion, and who does not overload it with indigestible food, seldom takes cold. The impression prevails that in order to resist cold a usual; last season our apple crop was a fail. great amount of food should be eaten. But when the stomach is overloaded, or deranged by improper diet, the vital forces that should EDITOR FARMER: Your issue of January 3, be expended in resisting cold, are exhausted tion. in endeavoring to relieve the stomach, thus yond their capacity, or load them with indi-(but highly inflamable) by immersion. Well three years' residence in Grundy county, Ill., should come as often as possible. Some of the gestible trash, reap their reward in a bounties

specialty, none can interest or instruct more needs a greater amount of it in winter than in perfectly.

Turn to the next page and we have another article from Prof. Shelton; I have not the honor of a personal acquaintance with this working condition during the winter months. The appetite is generally keen in cold ure, for they are always based on good, hard, weather, and it is highly important that it common.sense. All three of these writers live should be kept so, and not gratified at the ext at Manhattan, the home of our Agricultural pense of the atomach. Banish the slapjacks and melasses, mince-pies, donghnuts, cakes, Mr. Sinnett, of Iowa, is an old contributor candies and other abominations with which of the FARMER, and furnishes you with one of the stomachs of children as well as adults are

most subject to colds are those who fertify themselves with hearty breakfasts, dinners and suppers, and take an occasional lunch between meals of pie, cake, candy, or something else, to enable them to resist exposure A cold is always accompanied with loss of ape sovered that the digestive organs had been deranged by improper food, or by overloading Of the stomach before the system became preg-

CULTIVATING ORCHARDS.

There are very few apple orchards, either in poor soils at the east, or on the rich lands of the west, that are not benefited by cultivation or by manure, and in some soils both are persentry. In young orchards it is better to ely cutefly on cultivation; in old, bearing orchards, top dressing with manure has given satisfactory results, the manure apparently promoting the growth of fruit, and increasing productiveness to a greater degree than mere stirring of the soil. This has been found out by farmers [who make the most money from their old orchards.

There is perhaps no locality in the country where seeding peach orchards to grass does not result in small growth and inferior fruit, and it may be laid down as a nearly universal rule, to keep the soil of peach orchards clean and mellow as long as they produce crops, taking care to discontinue the cultivation soon after midsummer, to favor the cessation of growth and the ripening of the wood. In some of the reported instances of peach trees bearing more uniformly and suffering less from the severity of the weather, the cultivation was kept up, and the growth of the shoots gravel, that lies so close and compact that a continued to remain green and succulent, till or destroyed them.

Since the wide prevalence of the blight in the pear, la large number of instances are reported of great immunity from this disease in trees growing in grass, while in rarer cases, the reverse has been observed. 'The evidence however, preponderates in favor of pear orchards in grass—this remark applying to standard trees.

From Warren County, New Jersey. EDITOR KANSAS FARMER: Knowing that your valuable paper would be made more valnable by current news from abroad as well as at home, we herewith enclose a compend of news items. The winter wheat crop is in excellent condition, as also are the cereals of all kinds. The weather is delightful; the bluebird, glad harbinger of spring, is with us again, the trees are budding, and old residents cattle etc. is not as profitable as formerly. Good horses are in great demand in this section : a good animal averages from \$200 to \$300. Our prospects for fruit are as good as ure, owing to a drouth. Peaches, pears and cherries are always a profitable fruit with us. Our churches and schools are in good condi-

Flour per cwt, \$3 00@3 50; meal per bu., 85 @\$1 00; potatoes, .60 to 75; apples, \$1 00 to 1 25 turnips, 20; onions, .75; beans \$8 00; cabbage, 5 to 10; per head; kraut, 25c per ga 1214 to 14c per lb.; cheese, 15c; chickens, each 1314c; turkeys, 35 to 50c.—Fredonia, Wilson

THE KANSAS FARMER AND AMERICAN Y OUNG FOLKS Sent postage paid one year fer

farm Stock.

IMPORTANT DISEA-ES THAT APPEUT SWINE.

The following is one of the Premium Essays issued by the American Berkshire Association. It was written by A. R. Colman, V. S., of Canada, and will be found of great value to our readers.

MALIGNANT BORE THROAT- &dema glottidis. This disease consists of a rapid effusion and exudation amongst the tissues comprising and surrounding the larpygeal opening and glottie, attended by great difficulty of breathing. in which life is jeopardized by interfering with respiration. From what is known concerning it, most authorities agree in classing it among the contagious diseases; and from the suddenness of its attack, and the rapidity with which it runs its course, it generally ter-

minates fatally. Symptoms -This disease with the pig is characterized by febrile symptoms, duliness, stiff gait, and loss of appetite, quickly followed by difficult breathing, swelling and soreness of the throat and tongue, gasping for breath, cough, heat of expired air, and great heat of black, bluish color of the buccal membranes, difficult delugtition, and symptoms of suffication. If the animal is not too fat, externally and along the course of the traches, a hard in flammatory swelling may be traced, often extending down to the fore extremities; the breath is often extremely offensive, desquamation of the epithelium occurs within the mou b and there is great tendency to gangrene. The disease may terminate fatally in from one to to three hours.

Post mortem 'Appearances:- Larynx and pharynx in a state of inflammation, and ulcerated perhaps as well, and covered with putrid discharges; root of the tongue ulcerated and considerable enlargement of the salivary glands and surrounding tissues. In addition to this the organs of the body generally are dark colored, from the accumulation of dark blood in the blood vessels.

Treatment.-This is, in the majority of cases, most unsatisfactory, for generally the poor sufferer succumbs to a disease which we appear to have no power to arrest, much less to cure. Happily it is of rare occurrence. In the early stage an active emetic might be given, such as tartar emetic 4 grains, ipecacuanha 6 grains, white hellebore 6 grains. Give either in food, or drench very carefully. If the animal will drink anything, or eat a lit. tle, a purgative should be given, as, castor oil, 2 to 4 ounces, or raw linseed oil, 1 pint, or aloes, 1 to 2 drachms in solution. If the animal will drink water, dissolve in it a little hydre chlorate of ammonia and nitre, or sulphite or hypo-sulphite of sodium, 1 drachm, and give several times daily. The application to the sides of the neck of rage wrung out of boiling water, or other active vesicant, 177. In his dilemma Mr. Shearer had called would be beneficial. Also, as constipation is generally present, frequent injections may be ties to treat the hoge, but without deriving

In other animals, when the difficulty of formed; but in the pig it is not practicable, it being far easier performed in theory than in practice.

Preventive measures should be adopted in preference to curative. Great care should be save some of the remainder. He then applied d-sh, as bad results might occur from having cause of our visit. abrasions or cuts upon the hands. Other animals should not be allowed to eat any of the blood or flesh of diseased animals, and the carcasses of all that die from this disease should be buried deep, and as soon after death as possible.

PLEURO-PNEUMONIA.

This disease may be divided into two forms. One, sporadic or enzoctic pleuro-pneumonia, which occurs spontaneously, and is influenced by climate, season and location. It is not usu ally fatal, and is generally considered not to all animals. The other, epizootic pleuro-pneuacter, and heretofore supposed to be peculiar to the ox species alone.

That this latter form has its origin spontaneously, and afterwards spreads by contagion and infection, there can be no doubt whatbe impossible to go into a minute detail of affected animals among healthy ones, because treatment in contagious pleuro pneumonia is a miserable failure. Happily our country has bred as the Hambletonian and more so than have most of the older European countries.

come a contagious affection, has not been definitely determined. A paper read by the author at one of the weekly meetings of the Onpigs, is here reproduced.

reported that some disease had attacked the time immemorial, and their traits of character fore, in order to produce a satisfactory result, cheese factory at Rockford, about ten miles to possess style) are as indelibly s'amped on and good materials from which to make cheese with brood. Thus it will be seen that instead

bin to Rockford.

Mr. Shearer is the proprietor of the Rockford and Villa Nova cheese factories, and according to his account, every spring when beese-making commences, he buys up a sufficient number of pige to consume the whey during the summer; and later in the season s certain amount of bran and chop stuff is added to the whey, so that by fall the hoge are fat, and are then disposed of.

The history of these pige, so far as known, le as follows: Mr. Shearer, through an agent, bought two hundred green pige, purporting to come from Wisconsin, U S., to be shipped rom Chicago to Brantford, Ontario. I think this was about the latter part of April. On arriving at Brantford, they were driven the same day to Rickford, a distance of fitteen miles, and left over night in a low, damp unsheltered fallow field, and without anything to eat, the weather at that time being quite inclement. The attendent stated that the next morning they appeared to suffer very much from cold and exposure, and on peas being thrown down to them, they took little or no noticeo f them. Whether this was from sickness, or from their not being well posted o peas, it would be rather difficult to explain; but from their being western hogs, perhaps if corn had been offered to them instead, they might have indulged greedily enough.

I might here mention that in previous years Mr. Shearer had always procured his pigs in Canada, and had always had very good suc

The attendant said that although they did not appear to care much for the peas they ate large quantities of earth, or rather clay, for the soil is very stiff clay. This was correct. for on examining some dried fædes that

shown us, it appeared to consist exclusively of earthy matter like hard-baked clay. They took readily enough to the whey feed,

and after a few days all seemed to be doing first rate, and continued to do so for a few weeks, with the exception that some of them were troubled with a cough; but in a very short time afterwards worse symptoms appeared. They got off their feed, diarrhos set in, or in some cases very obstinate constination, difficult breathing, and vomiting; and when the warm weather came, they commenced to die off very rapidly; so that the attendant's duties of feeding were somewhat dis verted, and grave digging and burying soon claimed the greatest share of his time. By this time Mr. Shearer was greatly slarmed about his loss, and also there was considerable excitement in the surrounding neighborhood; the people thinking that some very serious epizootic ditease among the pigs was breaking out, which might spread over the coun in the services of two or three different parany benefit from them, as they continued to die off just the same. At this time very nearly breathing is grea; tracheotomy might be per- half of his herd of two hundred had died, and a considerable number were still sick. Of course he naturally felt very much discouraged, but thought he would again try if anything could be done to arrest the fatality, and

(TO BE CONTINUED)

PONIES OR THOROUGHBREDS!

EDITOR FARMER: Much has been said of good stock hogs, cattle and horses, and we believe there is a steadily growing interest in the same, but as yet that interest is confined to a very limited number, and I do not doubt it will be some time before there is a very decided change for the better.

I propose in this article, to discuss the horse, as that seems to be about the last animal the be propagated by contagion, but common to common farmer thinks of improving, from the fact that in this western country most farmers monia, is a malignant form of inflammation of come here poor, and finding nothing but pot the lungs, of an eminently contagious char- nies, mustangs, etc., a motley, mongrel lot to be sure, but 'twas Hopkins' choice, these, or nothing. Thus, it is obvious why we have them, but why we should retain them, or persist in breeding from them, is not so apparent. Ot course, these ponies are very hardy, and ever; but in an essay like the present, it would many have had them so long, and by familiar ity with them and nothing better, they have these diseases. Very able writers have given | become to a degree satisfied, and think it will much careful study and attention to the sub- not pay to give five, ten or fifteen dollars for ject, and to their works we must direct our at- the service of a thoroughbred horse, and so tention for exhaustive information respecting they breed them to some pony as worthless as the history, orgin and fatality of this-espe- their mare, that they may have a team when cfally the latter form-devasting disease. By the present one is worn out, and so they still every means in our power, we should avoid, have a pony team. But the day is near at by preventive measures, the introduction of hand when this should cease, and true economy says now is the time.

I regard the pony or mustang, as thoroughnot suffered from its devacting ravages as the Morgan, and he will impress his traits, size, and general appearance on his progeny Sporadic pleuro-pneumonia is in the major. as surely as either, and there would be no ity of cases amenable to treatment; but hope of a common grade horse, and not more whether after a certain time, and under cer- than an equal chance, if bred to a thoroughtain circumstances, it does, or does not, bee bred stallion. And why, you say do you regard the ponies and mustang as being as thoroughbred as the Morgan and Hambleton niau? It may appear odd to put it in that way, tario Veterinary college, pleuro pneumonia in but it has the same effect, they have as pure blood as those of a higher grade or standard, About the early part of June, 1875, it was they have been bred on the same stock from but a chemical process throughout. Thereherd of hogs of Mr. W. R Shesrer, at his and constitution, form, style (if they can be said two requirements present themselves: pure keep on till every available cell is occupied from Simcoe, and that they were dying off in them, in them and through them as any spe- and a person of skill and experience to use of the queen laying her eggs on the outside

Mr John F Smith, V. S., and wished him to characteristics of the pray are as inseparable less degree, for the quality of their producvisit the hoge, and see if anything could be as the blood characteristics of the best and tions. But dairymen must understand that in done for them. The next day I accompanied highest bred horse that ever walked; of course this matter they have an equal or greater obif high, long careful breeding were require to bring out a strain of blood that would tell an off-pring so the long and systematic neglect of this same course will tell in a reverse, though no less strong impression on progeny. And this same principle will apply to all animals, from a dung-hill chicken to a stallion, or to animals of a higher order as

Then, you ask; what shall be done? There is but one way open to a speedy reform; quit breeding your ponies at all, and get one or more good mares, and use the best stallion you can get. Will that pay? I reply, yes; two good mares will do as much work, (and do it better) than four ponies, and will be able to raise from one to two colts each year. and in the course of three years you will have a team to break and train, that you will be proud of; and if you wish to sell them, they will command more money than all the pony horses you might raise from your four pony mares, and you will have more satisfaction and pleasure, and a larger profit, either to sell or keep them for your own use. They will cost no more to raise than your ponies, or so many steers, if you raise the steers for profit, and care for, and feed them as they should be, leaving out the cost the stallion of course, and they will be more profitable than either figure it as you may. December 25th, 1877.

MURRAIN. PROF. SHELTON: Dear Sir: I take the liberty of giving you the tollowing symptoms of a direase among the cattle of this locality, and ask its name, cause and treatment An early answer through the Industrialist is renested. I myself bave lost eight head, and presume fifty have died in this locality. here cattle are running in the stalks, and have free access to running water. The leaths occurred mostly during the first week

n December; a few since. Nearly every animal was taken sick in the morning before nine o'clock. 'I'be first symp-toms were twitching of the muscles, the animal frequently putting his nose to his side as if in great pain. In about three minutes the animal is stiff in the joints and in thirty to forty minutes more lies down, and cannot again arise, death following in from five to nine hours. Have given physic, including linseed oil, warm salt water, etc., but every one taken has died. A post mortem examination showed the stomach and intestines loose, but the manifold was packed hard and dry. and much inflamed. The disease is called here black-leg; I think it the dry murrain. Many, however, are dectoring whole nerds for the blackleg. Respectfully.

CORINTH, Kan., Dec. 20th, 1877.

Our correspondent describes quite accurately the disease known variously as dry murrain, staggers, impaction of the manifolds, etc. This disease has no relation whatever to the disease called blackleg, and any "doctoring" your neighbors may be indulging in for this latter complaint is so much time wasted on their part, and useless suff-ring for the animals. Impaction of the manifolds may be In the early stares of the complaint, if prompt action is taken, there is some chance of saving exercised in handling or cutting the diseased to Mr. Smith, as before stated, and hence the

hours. If the animal exhibits great distress, (Wis) Union. give % ounce of laudanum, but give no more of this than is sufficient to keep down the pain. During all this time, ply the animal liberally with injections of soap-sude, taking care always to leave as much of this in the intestine as this will retain. After seven hours, if no action is obtained, repeat the dose of salts and oil. We give this treatment without consulting the standard works upon the subject. In a case that occurred upon the college farm two years ago, this disease yielded after a time to the above treatment.

neighbors to prevent this dire complaint, even if they have to keep their animals from the stalk-fields altogether. The abundant rains of the past fall have washed and rotted the stalks to such an extent that what remains is little else than indigestible woody fiber. This fact undoubtedly explains the exceptional prevalence of impaction the present season. But where cattle are allowed to range the corn fields they ought to have free access to salt; and especially the owner should know that all are abundantly fed and watered before they enter the stalks. After all these precautions, the animals ought not to be allowed to remain in the stalks longer than half of each day -Prof Shelton in Industrialist.

Dairn.

CONDUCTED CHEESE FACTORY.

Cheese-making, contrary to the opinion of

S ortly afterwards Mr. Suearer called on times if possible, and pony blood and all the properly, are held responsible in a greater or ligation. To aid both parties the following suggestions are off-red:

1. Milk from cows in any way diseased should never be sent to the fac ory.

2. Do not send to the factory, too soon milk from cows that have recently calved. 8 See to it that when the cows are driven from the pasture, that they be not chased by dogs, nor in any way burried or heated.

4 Never allow any person to beat, scold, nor in any way misuse or excite your cows. 5. Milking should be performed at regular

hours, and no trivial business should break this rule. It is better for the cows, and therefore pays. 6 Insist that the milking shall be per-

formed in a cleanly manner, and never tolerate flithy habits in milkers-it is ur just to the purchasers and to the consumers of our cheese. 7. Cows must have free access to pure wa-

Stagnant water ir jures milk seriously. 8. Cows should have salt regularly and frequently.

Nev. r, under any circumstances, send a can of milk to the factory that has not been strained. A tin strainer pail is best, but a clean, carefully scalded cloth, stretched upon a neat little frame, which may be placed dis rectly over the can, will answer.

10. Avoid the use of wooden vessels about the milk. Tin is the only fit article for pails,

11 Pay close attention to the cans, especial-IMPACTION OF THIRD STOMACH-DRY ly to seams, covers and faucets. In hot weather be particularly vigilant. A thorough rinsing, washing, scalding and sunning in the morning, will suffice, though it is very desira. able that in hot weather the cans and fauceta be scoured with salt twice a week. For scalding milk uteneils the water must boil.

12. In portions of the year when the milk is sent to the factory only once daily, always put the night's milk into a can (into two, if you have them), leave the cover off, set in a cool place, and stir the mass with a dipper several times during the evening.

13. Always have leaky pans promptly re

14. The milk should all be delivered at the factory by 8.30 o'clock morning and evening. While manufacturers may not insist on this, it is certainly best that all should conform to it.

15. Patrons sending their milk by carriers should have the milk upon the platform, and leave off the covers until the milk is started for the factory. Cans should be protected from the rain, and especially from the sun's rays in hot weather. If patrons would adopt many of the devices for that purpose, and cool their milk as soon as drawn from the cow they would find a profit in it.

16. Foul and noxious weeds in pastures often injure, sometimes ruin, the milk.

17. Always cool your milk as soon as drawn from the cow, by placing the can in a tub or vet of cool water. If the water becomes warm. draw it off and fill is again with cool water. caused by any dry, fibrous, innutritious food; The second batch will always cool the milk and it is always a disease to be dreaded, being in the hottest weather. Agitate the milk ocnearly always attended by fatal consequences. casionally to keep the cream from rising while it is cooling.

18. Give your cows warm stables, plenty winter. In summer arrange to have an abund- but there is the diff-rence that a duckling's upon the use of active purgatives and stimu- Let care, order, and cleanliness pervade every lants, with frequent injections. Give 11/2 department of the dairy. If such be the case, pounds glauber or epsom salts, dissolved in and suggestions like the foregoing be put in two pints of hot water with one ounce of gin- practice, dairymen may confidently expect, ger, and a large quantity of gruel or other and strenuously insist, that the obeese or butwatery fluids. Follow this with the ginger ter produced shall be of the best quality, and and pint doses of linseed oil every three command the highest price. - Jefferson Co.,

Apiarn.

THE SECRET OF SUCCESSFUL BRE-KEEP-ING.

To be successful, the apiarist must have simple, movable, frame bive of some kind; and for box honey, the brood chamber should not contain over 1550 cubic inches inside the frames. All know that bees gather honey. We earnestly counsel Mr. Farwell and his and that the eggs laid by the queen produce bees, consequently the more eggs the queen lays, the more bees we get; and the more bees we have, the more honey they gather. In fact, the queen is the producer of the honey Therefore, if we wish good returns from our bees, we must see to it that we have good prolific queens, and that they fill the combs with brood before the honey sesson commences, so that when the honey harvest comes, the bees will be obliged to place the honey in the boxes, as there will be nowhere else for them

But how shall we secure combs full of prood, and plenty of bees to carry on the labors of the hive by the time our honey harvest begins? As soon as spring opens, our bees should all be examined by lifting the frames of each hive, and if the stocks are weak, the bees are shut to one side of the hive by means of a division board, so as to keep up the neces-RULES WHICH SHOULD GOVERN A WELL sary heat for brood-rearing, on as many combs as they can cover. As soon as the queen has filled these combs with eggs, we spread them many, is not a mechanical operation merely, apart, inserting an empty comb between those occupied with brood, and in a few days' time the queen will fill this one also; and so we cles of stock known; aye, more so, a thousand them. Cheese-makers ordinarily, and very of the cluster, she lays them in the center of 82.00

the brood-nest, where they should be. After the hive is full of brood and bees, it does not make so much difference, as the weather is warm, and bees are plenty, so that the queen can deposit her egge anywhere in the bive.

As soon as the strongest stocks are full, take a frame of brood just gnawing out and place it in the weaker ones, giving the strong one an empty comb for the queen to fill sgain, and so keep on until all are full. When this is accomplished, put on boxes; and, as we said at the commencement, it any honey is gath. ered it must be put in the boxes. Each box should have a small piece of comb attached to the top as a "starter," to get the bees to work more readily in the boxes; the center tier of boxes, if possible, should be full of comb. left over from the previous year. As soon as the first tew boxes are filled, they should be taken off, before being colored by the bees passing over them, and empty ones put in their places, thereby causing the bees to work with renewed vigor to fill up the vacant space left where the full ones were taken out. And thus we keep taking out full ones, and putting empty ones in their places as long as the honey edason lasts.

This, in short, is the way we work our bees to secure good yields of honey. We were told when we first commenced to keep bees, that teasel honey was dark, but after 9 years of experience we will say we never saw any dark boney gathered from teasel. We have caught bees while they were at work on the blossom and killed them, only to find their honey sacs filled with white honey; and we have extracted when basswood was a failure, with plenty of teasel honey, only to find it white. In short, we never got a pound of dark honey from our bees, when teasel was in bloom. It is the whitest honey we know any. thing about .- G. M. Doolittle in American Bee Journal

Poultry.

TO TELL THE AGE OF FOWLS.

If a hen's spur is hard and the scales on the legs rough she is old, whether you see her head or not, but her head will corroborate your observation. If the under bill is so stiff that you cannot bend it down and the comb thick and rough leave her, no matter how fat and plump, for some one less particular. A young hen has only the rudiments of spurs; the ecales on the legs are smooth, glossy and tresh colored, whatever the color may be; the under bill soft and the comb thin and smooth.

An old hen turkey has rough scales on the egs, callogities on the soles of the feet and long, strong claws; a young one the reverse of all these marks. When the feathers are on the old turkey cock has a long tuft or beard. young one but a sprouting one; and when they are off, the smooth scales on the legs decide the point, besides the difference in size of the wattles of the neck and in the elastic spot apon the nose.

An old goose when alive is known by the rough legs, the strength of the wings, particularly at the pinions, the thickness and strength of the bill, and the fineness of the feathers, and when plucked, by the legs, the senderness of the ekin under the wings, by the points and the bill and the coarseness of the ekin.

Ducks are distinguished by the same means, breadth of its head than the old duck's.

A young pigeon is discovered by its pale color smooth scales, tender, collapsed feet and the yellow, long down interspersed among its teathers. A pigeon that can fly has always red colored legs and no down, and is then too old for ues as a squab.

HOW-BREAKER.

EDITOR FARMER: I not ced a clipping in your paper from the American Farm Journal, on husking corn by certain devices called a muzzle and a jockey-stick, which is, perhaps, well enough in the east where corn brings a good price. We are always thankful for any thing that will help us in our broad fields, but at present we hardly think we need to use the muzzle in our corn-fields, as corn is so cheap that we use it for fuel, and of course the mere use of the muzzle does away with the jockey. When our land becomes old and worn-out, then we will need to use them. To use the jockey in our corn fields, we also need to use the device named at the head of this article. This is our implement here in the west for breaking the straddle-row. Without this row-breaker the jockey and the horse's mouth would have a hard row to break with us. They may work well east where they have such large horses that the jockey would pass over the top of the corn.

To use the row-breaker, run a crooked stick 21% or 3 feet long through the front end of the tongue iron and fasten it by driving in wedges, the points of the breaker pointing forward. This breaks the stalks down in the middle of the row, and they do not pull and hang on the lines to the great annoyance of both horses and driver.

Bunker Hill, Kansas.

TO BOIL WATERY FOTATOES -Let the potatoes be of a size; do not put them in the pot until the water boils; when done off the water and remove the cover until all the steam is gone; then scatter in half a teaspoonful of salt and cover the pot with a towel.

THE RANSAS FARMER AND AMERICAN YOUNG FOLKS Sent postage paid one year

Zatrons of Ausbandry.

Ohn T. Junes, Barton, Ark Secretary: U. M. Kel John T. J. 1918, Barton, Ark Secretary: O. M. Retly, Louisville, Ky.

Kambas State (France, Waster: Wm. Sime, ToReamas State (France, Waster: Wm. Sime, ToReamas State (France, Waster: Levi Booth,
Color 100 State Grings — Kister: Levi Booth,
Deliver Lec nre: J. V. Hammot Platteville.

Bellower Lec nre: J. V. Hammot Platteville.

Miss. Usi - T. TEG (ANGE, — Mister: H. Earbingh,
Hiss. Usi - T. TEG (ANGE, — Mister: H. Earbingh,
Hiss. Usi - T. TEG (ANGE, — Mister: H. Earbingh,
Color of the Color arkaysas T Ts Grang : - Master; John T Jones arkaysas T ts Grang : - Master; John T Jones arkay, Phillips County, Secretary; J. S. Will ame, Duval', Biuff.
Texas Stats Grangs. - Marter; W. W. Lang,
M arin. Scrietsly: R T. Rennery, Mexis.

[CONTINUED FROM LAST WEEK]

PROCEDINGS NAMEAS STATE GRANGE.

EMPORIA, KANBAS. WEDNESDAY, Dec. 12. 1877-8 A.M

Grange assem led. Worthy Master in the chair. Roll called. A quorum present. Grange opened in due form. Minutes read, corrected and approved.

Special Relief Committee made report, which was continued, and business in regular order called. Roll called by counties for the introduction

of new business. Bro. J S Payne offered the following reso-

lution, viz : Resolved, That the State Grange is in favor of pushing forward to completion at the earliest day possible, the State Co-operative

Association Wulch resolution was on motion, unanimously adopted.

Bro. Summerville offered a resolution relating to delinquent sub-granges, which was referred to the Committee on Constitution and By Laws. Also introduced a resolution relat ing to an equalization by legislative enact. ment, of railroad transportation and travel, which was referred to the Committee on Needed Legislation.

Bro. S evens, S ate Lecturer, made his re port, which was referred to the Committee on Good of the Order.

Bro. Downs, Secretary of the Patron's Muta ual Fire Insurance Association, submitted his final report of the condition and closing up of the affairs of the association. The report was referred to the Committee on Insurance.

The Worthy Master announced the appoint. ment of the following Committee on the Good of the order: G. F Jackson, of Wilson county; G. T. Watkins, of Jackson county; J Jen kine, of Franklin county, Mrs. Mary Stratton, of Lyon county; Mrs Bins A. O.is, of Sha waee

On motion, it was resolved to confer the fifth degree in form at 7 p m., of this day ayes and nays, which demand was sustained. The Worthy Master appointed the following the vote resulting in 19 in the affirmative and committee to arrange the ball and make the necessary arrangements for that purpose:

Committee-Sister H. M Barnes, Sister Mary Stratton, Bro J. H. Hicox, Bro. Wm. Ross, Bro. P B Maxon.

On motion the Grange took a recess until 10 a. m., to give committees time to do their work and report.

The recess having expired the Grange was called to order by the Worthy Master and ed as a whole. a call for the report made. No committee being ready, and the officers present having reported, the roll was called by counties for the introduction of new business.

WEDNESDAY, Dec. 12-1 P. M. Grange met, Worthy Master in the chair Roll called, a quorum present. Call made for the report of committees.

The Committee on Finance reported that they find the duties and labor of the Auditing Committee to be the same as that of this committee, and that the Auditing Committee were in possession of the reports, books and papers re-Pating to the matters of the finance of this Grange, and were discharging their duties, in view of which, the committee off-red a resolution discharging said Finance Committee from further service, and moved its adoption, which motion prevailed. The committee was discharged.

0

The Committee on Fire Insurance made a partial report, which was accepted and the committee continued.

On, motion, the rules were suspended and the following resolution offered, viz:

Resolved, That the record book in the hands of the State Agent, in which is recorded the names and numbers of the sub-granges advancing the sum of five dollars (\$5 00) each to the State Agency, while Bro. O is was State Agent, be turned over to the Secretary of the Sate Grange.

Bro. Rue, of Dauglas, offered the following resolution and moved its adoption, which motion prevailed, viz :

Resolved. That we demand of Congress the reprai of the law demonetizing silver, and that the silver dollar of 412% grains, standard silver, be made a legal tender for all demandspublic or private, with free coinage of the same by the mints.

Committee on Good of the Order, reported the following preamble and resolution and moved their adoption, which motion prevailed:

WHEREAS, There is property belonging to the S are Grange, in the shape of agricultural implements, office furniture and warehouse, which should be made available. Therefore, Resolved, That the Executive Committee

appoint some competent person to look after, take charge and dispose of the same and turn the proceeds over to the Treasurer of the State Grange.

The Committee on Good of the Order, made the following report:

Worthy Master. Brothers and Sisters of the

matter referred to us and by leave to report.

The resignation of Bro. Stewart as State

Agent was presented and your committee on the committee of the Executive Committee.

The order is not and never the committee of the Executive Committee.

The order is not and never the committee of the Executive Committee.

be discontinued, in-as-much as there are so many local co operative stores that have failed to patronize said agency, and those will bave supported said State Agency, have become tamiliar with the honess with whom Box Stewart has dealt.

2 We would turther recommend that the Worthy Master appoint-either upon the commendation of the delegates or other wise ten district lecturers, whose duties shall be, to visit dormant granges, to consolidate where it shall be deemed advisable, and inetruct in all that pertains to the best interests and welfare of our order. To advance in every of stock to our State U.- Operative Association That the Worthy Master shall commission such lecturers, and have power to revoke the same upon the failure of such lecturer to perthe posseribed dutes, and appoint others in their place. That the compensation of each lecturer shall be two dollars (\$2 00) per day, to be paid out of the State Grange innds, the number of days not to exceed thirty (30) each Said lecturers to work under the direction of the Worthy Master of the State Grange and shall report the progress made under such structions as may be prescribed by the Excutive Committee.

We would recommend the districting of the State into ten (10) districts as follows, viz:

Dist. No. 1 —Composed of Cherokee, Labeite, Montgomery, Chautauqua, Elk, Wilson,

Necessity and Crawford counties Dist N : 2. Woodson, Coffey, Greenwood, Lyon, Coase and Marion.

Dist N . 3 Bourbon, Allen, Linn, Ander Dist N. 3 Bulroon, Aless, Johnson, Pracklin and Miami.

Dist N. 4. J. hoson, Wyandotte, Leavenworth D. uglas, O. age and J. fferson

Dist. No. 5 Doniphan, Atchison, Brown,
Nemaha, Washington and Marshall.

Dist. No 6 Shawnee, Wabauneee, Potta-Dist. No 7 Jewell, Republic, Cloud, Clay, Otawa, Lincoln, Osborn Mitchell, Norton,

Pullips and Graham. Dist. N. 8 Dekinson, Saline, Barton, Mcs Pherson, Edsworth, R ce, Russell, Eilis, Rush,

Ness, Trego and Pawnre.
Dist. N · 9 Cowley, Butler, Sumner, Sedge wick and Harvey. Dist. N . 10. Rano, Kingman, Harper, Barour, Pratt, Etwards, Klowa, Comanche,

Clark and Stanton. All of which is respectfully submitted.

W.M. Roz., Chairman. MRS. MARY STRATTON, Bec'y.

On motion, it was ordered that the report of Committee on Good of the Order be taken up and considered at this time.

Oa motion, the resignation of Bro. Stewart as State Agent, was accepted and the agency discontinued.

It was moved that the report of the committee relating to the appointment of ten district lecturers be adopted Upon which motion Bro, McConnell, of Shawnee, demanded the 8 in the negative, viz:

AYES-Cook, Coon, Bussenback, George Gray, Hart, Hays, Jenkine, Jackson, Kneeland. Martin, Noc , Paul, Payne, Roe, Reardon, Spurgeon, Stratton, Worley-19.

NAYS-Hogue, Rehrig, Toothaker, McConnell, St. John, Watkins-8.

So the motion to adopt prevailed, and on motion, the report of the committee was adopt-

Bro. W. H Jones, Chairman pro tem , of the Executive Committee, submitted the annual report of said committee which showed that the committee had held five meetings during On motion, the Grange adjourned until 1 the year. One at Manhattan, two at Emporia, and two at Kansas City. At one of the meetings in Kansas City, the agents of the co-operative associations were invited to be present, several responding to invitation. The work of the committee has been directed to the dissemination of the principles of the order, and a better understanding of the principles of co-operation by the membership in Kansas.

The financial exhibit shows the committee to have received during the year, \$250 00.

	O DEAD ICCOLLEGE		
١	DISBURSED.		
	Paid M. E. Hudson, Cha'n Ex. Com "Wm Sims, W. M. " "L-vi Drumbauid, Sec'y " "W H J.nes, Treas." "W. P. Popenoe	\$ 86 0 33 1 32 2 44 2	2
1			-
	Balance on hand	\$203 46	2
1	Deterior of management		-

On motion, the report was referred to the

Auditing Committee. The Committee on Constitution and By-Laws, reported as follows:

Amend Section 2 of Article 2 to read as fol-

SEC 2 Each Grange shall elect one delea gate at large and one additional delegate for each twenty members or fractional part thereof, equal to fifteen, at the first regular meeting in October, who shall meet on the third Saturday in November, at the county seat, or such place as may be designated, and elect from the dasters, or Past Masters, or their wives, who are Matrons of said county, one delegate at large, and one alternate, provided said county has (50) fifty Patrons in good standing on the books of the State Grange, and also, one additional delegate, and alternate, for each fifteen hundred (1,500) member in the county, of fractional part equal to ten hundred (1 000) Provided, the membership in a county is less than fi ty (50). the Secretary of the S are Grange shall attach to the nearest convenient county and notify both counties of his action. The deputy— where there is one—if there is no deputyt the Master of the Grange nearest the county seat, shall make the call, and designate the place of

meeting. Adopted. 2d To amend Article 3, Section 1 to read as

SEC 1. This Grange shall hold a regular annual meeting on the third Tuesday in December, at such place as the State Grange, or whose souls are too small to appreciate any-Executive Committee, may determine. Spe. thing larger than a five-cent piece, and unless had the same under consideration with the cial meetings may be called by a vote of the they can see pecuniary benefit in everything, matter referred to us and by leave to report.

Grange, or by the Master and S-cretary, upon they lose their interest.

recommend the acceptance of the same, and thirty days preceding such meeting Adopted mercial organization.

The district lecture 3: To amend Section 2 of Article 10 to

read as follows:

SEC. 2. Each Suberdinte Grange within
the jurisdiction or Pomons of District Grange may elect, at any regular meeting, one delegate at large, and one delegate for every fif-teen (15) members on fraction equal to ten (10) to the Pomons or D strict Grange. Adopted.
4 h To amend S ction 8 of Article 10 to

read as follows: SEC 3 All Dispensations for Pomona or Detrict Granges, shall emanate from the State Grange, and be signed by the Master and Secretary thereof, under seal. All applies cations for dispensations shall be made to the S-cretary of the State Grange, and signed by and welfare of our order. To account the State Grange, and he ac-way, the subject of co-operation Such lec-the persons applying for the some, and he ac-turers may be authorized to take subscriptions turers may be authorized to take subscriptions companied by a fee of five dollars (\$5.00)

5 h. To amend Section 5 to Article 10 to

read as tollows: SEC 6 They shall hold meetings one in each quarter, and may hold intermediate meetings as often as may be deemed necces sary for the good of the Order. All meetings shall be opened to Fourth Degree members. except for conferring the Fitth Degree Adopt

6th. To amend Section 7 of Article 10 to read as follows:
SEC 7. Any Fourth Degree member in good standing shall be eligible to office, or receive the Fifth Degree in Pomona or district grange whose recommendation shall be signed by the Master and Secretary under seal of his or her grange, that a majority vote on such application for membership and the Degree shall elect that applications may be ballotted for and if elected, the Degree confer-red at the same meeting. Adopted.

Worthy Master Sims presented the proposed amendments to the National Grange Constitution presented at the Eleventa (11th) Annual Session, which is as follows:

CONSTITUTIONAL AMENDMENT.

FEES FOR MEMBERSHIP. ART VI.-The minimum fee for member ship in a Subordinate Grange shall be: for men three dollars, and tor women, one dollar,

for the four degrees.

Amend Preamble under the head of " ganization - 'National Grange,'" by adding the following at the close of the 1st paragraph Each State shall be entitled to two votes under said bead:

in the National Grange, and an additional roto for every ten thousand paying members p excess of ten thousand."

Which on motion were unanimously ratified. On motion the Grange took a recess until ?

P B MAXON, Secretary. (TO BE CONTINUED)

WHY HAVE SO MANY GRANGES GONE DOWN.

Among the various reasons given for the downfall of over a thousand granges in Kansas within the last three years, we find the following to be most generally advanced, viz: "hard times," "non-attendance," "lack of interest," "no money in it," "too much money it t," etc , etc. 1 am inclined to think, however that neither of these is the principal cause of the reduction of membership from forty thou sand to four thousand paying members.

It must be attributed to a cause more closely connected with the working part of the order, viz: the lack of a due appreciation of the beauties of the ritualistic ceremonies of the order. Were these fully exemplified, carefully followed, precisely, accurately and intelligent ly practiced at every meeting, the grange would not have gone down, in this or any other state. The essentials of every secret order are the initiation ceremony and the other secret work. If the initiation ceremony should be dropped out, every secret order in the world would immediately cease to exist. This is a well known fact among all secret societies and cannot be disputed. Criminally neglectful of this, the main, the principal, the essential teature of our noble order, the officers of the subordinate granges in the state of Kansas have allowed the main features in the initiation ceremony to drop out of use, and to omit most of the opening and closing portions of our beautiful ritual. So much is this the case that it is not difficult for a person not a member to enter a grange and be allowed a

sest. . Granges have even gone so far as to allow the members to sit during the meetings with out the regalia.

The atter disregard for the essentials has brought down the grange to the present low ebb. It is not the hard times; other secret orders have continually increased in membership during the same time. Let the members look back three years, and ask themselves if they did not enjoy those good, old-tashioned meetings, when the grange "worked" in some one of the degrees every meeting? I am sure that the members of the order in this state are not as well "posted" as they were three years

The salvation of the remaining granges is to put new life into the grange by drilling, and this will be closely followed by more initiations. The following extracts were take en from the last report of O H Kelly, Secres tary of the National Grange, and one of the

founders of the order : Our members generally are being convinced that a successful secret organization cannot be run upon the great American convention plan We have other successful secret societies, such as the Masonic and Odd Fellows, and it is very doubtful if we can make our institution a success by running a directly opposite course. We can profit by their years of experience, and thereby add great strength to our order.

We are getting rid of this troth which rose to the surface at the firs: boiling of the grange cauldron, as well as the mercenary portion,

The district lecturers appointed at the last meeting of the State Grange, have a grand work before them. Let them go to work as they would in any other secret order, and the grange will go up instead of down.

W. W. CONE. Topeka Kansas, Jan 1, 1878.

ADVERTISEMENTS.

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

SHORT-HORN CATTLE.



ALBERT CRANE, ALBERT CRANE,
Drham Park, Marion
County, Kan., breeder
of pure Shor An ns
of sashionable bleed.
Stock for sale low.
Also, best BerkLives in Ka *a...
Catalogues Free.

HIGHLAND STOCK FARM."

Salina, Kansas.

THO'S. H. CAVANAUGH, BREEDER OF

HEREFORD CATTLE. COTSWOLD SHEEP, BERKSHIRE and DORSETSHIRE

PIGS.

Premium Castle, sheep and Pigs for sale. Cor

IMPORTED **NORMAN HORSES**



E. DILLON&CO

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SHANNON HILL STOCK FARM KANSAS.

ATUHISUN,
Thoroughbred Short-Horn Durham Cattle, of Straight
Herd Book Pedigree, Bred and for sale.
ALSU Berkshire pige bred from imported and premium stock, for sale eingly, or in pairs not akin.
Addres

P. 8. Persons desiring to visit the tarm, 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. BREEDER OF

Thoroughbred English BERKSHIRE PIGS.

Dark Brahma and White Leghorn

(fig. or sale home-grown F att and Ornamental Trees, Grape Vines, Quinces, Saall Frants, th ubbery and Evergreens, Apple Seedlings at low prices; apple grafts put up to order.

None but first-class stock shipped.

50 HEAD GLYDESDALE -AND-

ORMAN HORSES FOR SALE.

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



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I have now a very choice collection of pigs sired by Imported Kansas King." 1°39 and Matchless Liver-pool and out of fue sows sired by my famous old Boar Richard 1059 Lord Liverpuol 227 and Lord Liverpool 2nd. Can reliat '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

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Will Make Your Hens Lay, Winter and Summer, support Fowls during moulting keep them constantly in fine condition, and increase riefr profit 1°0 per cent. Half of the chicks dicannually his makes bone and muscle early, and will save them Packages to mix with 50 weight ordinary feed, 5° cts. larger for \$1.00 and \$21.0. Sent prepaid on receipt of price. Also sold by Grocers, Feed Stores, etc.

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I have on hand a large clock c. standard pear trees two and three years old, Kansas grown, at very low prices. Address E. H. HARROP, or M. S. GREEN, Topcka, Kansas.

Breeders' Directory.

A LBERT CRANK, Durham Park, Marion C., Kansas, Breeder of Pure Short-Horn Cattle of ashionable fundies. Young stock for sale cheap. Send for catalogue. Herd of 2:0 head. Also Berkehlves.

R. COOK Ivia. Allen Co., Kansas, Breeder of Light Brahma Chickene, All Stock warranted first-class and Supper C. O. D.

W. H. COCHRANE. Emporis, Kan . B ceder of Short-Horn Cat.le Stock for sale Correspondence soficited. Planet, 17914 at head o herd.

P. J. IVES, Mound City, Linn Co. Kaness, makes From the best strains in the U. S. A few choice Birds for rale at reasonable figures. Correspondence Solicited.

JOHN W. CARRY, Canton, Ill., breeders and ship-pers of the breed Poland-Thina hogs. This stock took the \$1 000 prem um at Canton, in 1871 over \$8

SAMUEL IEWETT, Breeder of Pure Blood Merios Sheep 200 Chrice Rams for rale. Correspondence solicited. Address, Independence, Missouri.

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J. M. ANDER-ON salina, Kansas, Pekin Ducks Partridge, Cochin fowls, and White Guineas., Write to me. L EVI DUMBAULD, Hartterd. Lyon County, Kan-sas, Breeder of Thoroughbred Short-Horn Cattle and Berk-hire Pigs. Young stock for sale. Corres-pondence collected

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

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FRANK LEECH, Waterville Marshall Co. Kansus, Breeder of thoroughbred Short-Hern cattle and Berkshire pigs Stock for sale at fair prices.

JOHN W. JONES, Stewartsville, Mo., breeder of Thorough-bred Shirt Horn Cattle of approved blood and pedigree. Also, breeder of Beckshires of the best strains in the United States and Canada AMUEL ARCHER, Kansas City, Mo., breeds Spanish Merino Sheep as improved by Atwood and Hammond, from the Humprey's importation in 1822. Also Chaeves Wertz Hoss, pr. mium slock, and Liest Branna Chioxess, both bred pt re by me for eight years past Send for circulars. 23"50 RAMS FOR SALK this year.

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

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fruit plants. Address G F. Espenhaum,
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The Kansas Farmer

J. R. HUDSON, Editor & P. oprieter, Topeka, Kan.

HOW LONG?

One of the most alarming circumstances in the present condition of the country is the great increase of failures in the city of New York within the last month. During December one hundred failures occurred in that city, with liabilities exceeding eight millions of dollars. There has been a great deal of talk about the country having reached the lowest point of financial distress, but it now seems doubtful as to whether we may not have to keep on the down grade for some time yet.— Washington, D C. Union.

How much more of this will our eastern friends probably need before they come to their senses, and recognize the fact that in destroying greenbacks and demonetizing silver, they have let out the life-blood of the nation, and that such a course, if persisted in though it may enrich the few who have their capital invested in bonds, must inevitably ruin all the industrial and commercial interests of the country.- Leavenworth Times.

It is useless to expect a change in the condition of business for the better, until there is a definite, settled financial policy adopted by United States. The compliment is a deserved the government, different from the present resumption and contraction policy and practice. The debts of the country, especially the west, are increasing, while the values upon which their payment depends are decreasing. We are told that we are reaching a safe and substantial foundation. Let the common-sense of any man answer this for himself. Is his business or are the interests of his creditors safe when he is unable to pay his debts? The most sagacious judgment, the most careful and economical management of business is not proof against the continued shrinkage of all kinds of property—and continued increase in bankruptcles east and west are evidences incontrovertible that the condition of business is growing worse instead of better. If the press ent congress fails to remonetize silver which would be a long step in the right direction, and the villainous special legislation in the interest of those who hold gold-bearing bonds remains, we may expect further depression in all circles of business. The most unfortunate fact in all this, as it seems to us, is, that those who are demanding a gold standard and are advocates of the resumption-contraction policy are pursuing a course that will ultimately react upon them most disastrously in the further destruction of business, if it does not directly become the cause of repudiation with all its attendant dishonor and demoralization. The money question is vital, the absorbing question of the hour, because it concerns not only the business interests of every individual, and every community, but the welfare and prosperity of the whole country. The politician who shirks his duty or is not true to the interests of the people, whatever may be his party politics, should be permitted to remain in private life. The principle at stake is as clear and as well defined as it was in 1861 between slavery and freedom.

" THE DANCE OF DEATH."

The New York Herald opposes Mrs. Gen. Sherman's crusade against the waltz and thinks that lady is unnecessarily alarmed, beit says, the charming young man whose talents lie in his heels, is always a harmless creature. It thinks doting mammas may safely intrust their darlings to these "whirling, cavorting idiots," as it calls them, because they don't know enough to do any harm! But keep a sharp eye on the awkward fellows who step on your dress at every turn, and are "such horrid dancers!"

THE LAW OF LIBEL.

of libel for this state, and arrives at the following conclusions:

1st, In all criminal prosecutions the truth of the libel is no defense, unless it was for many who write from theory alone. the public benefit that the matters charged should be published, or, in other words, that the alleged libelous matter was true in fact and was published for justifiable ends, but in all such proceedings the jury have the right to determine at their discretion the law and

2d, In all civil actions of libel brought by the party claiming to have been defamed, where the defendant alleges and establishes the truth of the matter charged as defamatory, such defendant is justified in law and exempt from all civil responsibility.

The opinion is an able one, and was concurred in by all the judges.

THE STRAY LAW.

Those getting up clubs will remember to say to their friends that the FARMER is now, and has been for more than 10 years the official state paper for the publication of all strays in the state. The law making the FARMER the official paper for publication of strays, was passed by the legislature in 1866. How to post a stray, and this week's list of strays will be found on page 19.

THE AMERICAN YOUNG POLKS.

better in 1868 than ever before. The size, 16 belted onto the joice upon which rests the met today and passed the following resolupages will be continued and sent to any ad- floor. The foundation consists of two stone dress one year for 50 cents. Any boy or girl walls running the length of the crib, 21/2 feet who has not seen it should send for a copy and get up a club. The club rates are 6 cop- under the ground. The crib projects over the ice for \$2 50, to any eddressee. The FARMER wall 2 feet upon each side. This style of crib garine" and to procure uniform state laws and AMERICAN Young Folks are sent one ear to any address for \$2 00. Address, J. K. style. Hudson, Topeka, Kansas

THE KANSAS COMMISSIONER TO PARIS.

Under the law of congress providing for the ommission to represent the United States at the coming Paris Exposition, twenty com missioners were to be selected from the thirtysix states, with a considerable additional num. ber of honorary appointments, who are to be members of the commission, but receive no pay. The pay of the twenty commissioners is \$1200 each, which is to cover per diem and expenses.

The first appointment under the faw by the president was Mr. McCormick, as chief of the commission. The first state appointment was Hon. Alfred Gray, of Kansas, the present secretary of the State Board of Agriculture. The selection of Mr. Gray will be conceded by all to be particularly appropriate, and was concurred in unanimously, by the Kansas delegation at Washington. Mr. Gray has been identified with Kansas, more especially the agricultural interests of the state, for more than twenty years. In his position as secretary of the State Board of Agriculture, his annual reports have won for him a national reputation for being the most comprehensive, original and exact, of any similar publication in the one, and if Mr. Gray's health will permit his acceptance, he will do the state and himself credit in the discharge of his new duties.

SADDLEBAG NOTES.

NO. VII.

My notes this week have been made from items collected in a trip through Shawnee county on the south side of the Kaw river.

I find that the corn crop of last year is but very little over half gathered, and like the balance of the state, the quality is not as good as the crop of 1876. There is a considerable portion of it that is soft and not filled out. The yield of corn the past year will not be far from two and a half million bushels. The winter wheat is, without exception so, far as I have observed, in excellent condition, the ground being completely covered with a perfect mat

of green foliage. Richard Disney, Esq., a successful farmer living near Richland, has a fine herd of domestic cattle; he is fattening 40 of them. Mr. Disney is one of the oldest settlers of the couny, having moved here in 1855.

Near the north part of Monmouth township is the stock farm of Mr. Fred Heil; here is a fine herd of 125 head, 25 of which are upon

At the farm of Phillip Lux, Esq., 12 miles southeast of Topeks, I noticed an apple orchard of 1400 trees, that were well trimmed in excellent shape, and in a very healthy condition. Mr. Lux has a fine herd of 70 head of cattle, 12 of which he is fattening.

Near Waveland is the farm and residence of one of the most practical farmers in the county. At this place I noticed the hedges were welltrimmed, and well-cultivated. The cattle, 175 head, were nearly all yearlings and two year-olds, and showed good care and good feeding. 75 head of hogs were following these cattle. A corn crib on this place has 1400 bushels of corn raised in 1875. Here, for the first time in my travels I noticed orchard grass in sufficient quantity to form a judge nt as to its real value for Kansas farmers. There was one field of six acres of this variety put an end to the marauding expeditions care that was sown in 1878. which has been cut ried on by the hall-savage inhabitants along three years, each year yielding about 1½ tons to the acre. In 1874 the grasshoppers fed on it for weeks, but as it grew very fast, they did suppress these raids. They speak of the situnot kill it. Another field of about 20 acres is ation, however, as anything but pacific; that at this time of writing looking quite green and fresh. Butter made while the cows were seeding upon this grass, is as yellow as that made in summer, Mr. C. C. Gardner, for that The Supreme Court of this state has just is the gentleman's name, will give us his exmade a decision in which it discusses the law perience in raising the tame grasses, through the columns of the FARMER, and our readers may rest assured that these articles will have a practical value far beyond the writings of

Messrs. Thompson Bros., two miles from Auburn, are fattening 208 head of cattle and

150 hogs. John Robinson, Esq., who lives in this neighborhood, is also fattening about forty

I noticed on the farm of Capt, H. E. Bush, near Auburn,s very large and convenient barn; the dimensions are as follows : 65 feet long, 57 feet wide and 34 feet to the peak;

At Wakarusa, I saw a large, heavy horse, which is troubled with an unknown disease. As the owner, Mr. S. Maggart, is anxious to know what remedies to apply, I make mens tion of it here. The horse is 11 years old, works well, and is in good, sound condition, except that he has extreme difficulty in swallowing food or drink: has been afflicted this way about a month. There is no swelling either inside or outside of the throat, what is

the matter, and what is the remedy ? Sever miles southwest of Topeka is the farm of of Ex-Senator Wm. Sims. On this he is half feeding, At this place I saw the lost 200. heaviest and best corn I had seen in the last six weeks. I noticed a corn crib here of pecu-This splendid boys' and girls' paper will be liar construction; the upright scantling are thick and 3 feet high, 12 inches of which is has a number of advantages over the common

Mr. Sims is one of the most successful farm- Butter.'

ers in the state. As Master of the State Grange of Kansas he has gained the confidence of all the members of the order. W. W. CONE.

WINTER IN THE EAST.

Boston, January 4.—In New Hampshire sight to ten inches of snow has fallen. Reoried cold weather in Maine, at some points s 25° below zero.

Richmond, Va., Jan. 7 .- The coldest weather this season is now upon us. The James river was frozen over last night. The ther. mometer is 12° above zero. Four inches of snow fell at Covington, Alleghany county, Four inches of vesterday, with the thermometer 9° below zero Reports from other parts of the state indicate

similar weather. New York, Jan. 7 .- Dispatches from various points in New England show that the cold is intense this morning, the thermometer ranging from 24° below zero at Nashua, N. H., to 42° below at Fort Fairfield, Me. Along the Hudson the thermometer marks several degrees below zero, and the ice boat clubs are preparing for their annual contests. In this ity it is 14° above zero, and becoming colder.

Washington, Dec .- The commissioner of agriculture has sent out a circular letter to the governors of the several states, asking them to sid the Department as far as possible in making the agricultural exhibit at the Paris Exposition complete. He recommends that each governor make arrangements to have samples of the staple productions of his state forwarded at the earliest date, such samples to be packed and labelled ready for shipment and sent to New York in order that they may be forwarded by the 1st of February commissioner hopes that the governors will find no difficulty in complying with his request as the legislatures of most of the states are now or shortly will be in session. principal trouble about the exhibit at the Paris Exhibition will be that if the commissioner of agriculture should be allowed to occ cupy all the space he desires there would be room left for other exhibits. The space assigned to the United States is only 100 feet by 400, and cannot by any possibility beins creased. The commissioner of agriculture, in his enthusiasm had already arranged for an an exhibition that would fill more than that

Washington, Jan. 7 .- The consuls at Brads ford, England, say that the trade in American plumage.
butter and cheese is astounding. The latter is sold at Cheshire. Petroleum is a necessity. Trade in other products of American industry

is rapidly increasing.

FROM MEXICO. CITY OF MEXICO, December 30, via Havana, January 5 .- Secretary of State Ramero has been granted two months leave of absence to recuperate. Public opinion favors Ramer for minister of foreign relations on account of his intimate acquaintance with the American people. On the other hand they declare this qualification to be an objection; stating that Mexico is not to be pinned to the cuffs of the

President Diaz pretends to entertain anti-European sentiments and is apparently counting a close alliance with the United States.

General Negrete has been appointed military commander of the federal district in place of Gonzales. The latter has not yet taken charge of the war department. The governcharge of the war department. The govern-ment mistrusts Negrete outside of the capital. The unsettled condition of the border is hard ly discussed. The press is disposed to be cautious on the subject. Congress before ads journing, authorized the construction of railroads from the city of Mexico to Marcles; from Cetaya to Pulunias, and from Metusco to

FROM THE RIO GRANDE. Gen. W. R. Shafter and Lieut. J. Q Bullis arrived here last night from the Rio Grande. In conversation they stated that the present policy of the government on the Mexican border is the only on state that the officers of the Mexican forces are apparently in earnest in their efforts to the bitterest hostility exists between the Mex. icans and Texans, and that complications are not improbable which may involve more serions consequences. The intrigues against Diaz are actively kept up, and an effort is being made to unseat him under the cry of American sympathies. They state that a cessful revolutionary movement in Mexico inevitably involve the United States by the attempt of a formidable invasion of American

soil, by detached parties from Mexico. EASTERN WAR.

London, Jan. 7 .-- A special from Bucharest says Gen. Radetsky, who has crossed the Balkans through the Shipka pass, will proba-bly not move beyond Kezaulık, where he can secure comfortable quarters. Interruption of communication across the Danube would arrest his onward merch. Nothing is known at the headquarters of the Czarowitch about Gen. Radetsky's movements, which would confirm the impression that he will not go beyond Kizaulik.

London, Jan. 7 .- A Bucharest correspondent says an officer from the Czarowitch's the Turks having abandoned their positions previously because of the severe cold.

Iledija to destroy the telegraph lines have been totally routed, after a desperate engagememt.

St. Petersburg, Jan. 7 .- An official telegram shows that Sofia was entered on the 3d inst, after a skirmish in which the Russians lost only 24 men.

A telegram from Gen. Gourko appounces that a desperate engagement occurred Jan. 2d near Bagrov. The Turks artempted to surfarm there is 250 head of fine domestic cattle, round five battalions of Russian infantry and 70 of which the ewner is fattening, the balance is brigade of cavalry, but were defeated, leaving is half feeding. At this place I saw the

FOR THE PREVENTION OF THE ADULTER-New York, Jan. 4—The butter merchants

Resolved, That we form ourselves into a national association for the protection of dairy products from adulteration; the enforcemen of a statute relative to the sale of "oleomar regulating the sale of the same and that such an association be called "The National Ass ediation for prevention of Adulteration of

THE CLUBS ARE COMING.

From the east, west, north and south of the state, the old friends of the FARMER are rally. ing to its support, and sending in their clubs. Most of them write that times are hard, money scarce, etc., but that people find more for the money they pay, in the "old reliable," than any place else they can put their dollars. Our common-sense plan of seaving out all gift schemes and lottery humbugs to secure sub. scribers, finds many warm supporters. It is the right principle of giving the paper at a near cost as it can be made.

Not a single mail has been received for week that did not bring subscriptions from more than fifteen states east of the Mississippi river, each day. To these people in the east who are looking westward for new homes, the FARMER goes as a fair, truthful exponent of the resources, profits, losses and results of farming. If a club has not yet been commenced in your community, go to work, triends should commend it to other localities in the and make one up at once.

PUBLICATIONS.

Our readers will find in our advertising columns the notices of some of the best news, religious, literary, agricultural and horticultural publications in the country. Examine them.

THE SPIRIT OF THE TIMES .- The Christmas number of the Spirit of the Times was one of the best specimens of newspaper enterprise ever sent out of New York. The number was finely illustrated, full and complete in every department and furnished with a beautiful and original cover. The Christmas stories, from the best authors of Europe and America was a specially brilliant feature of this splendid paper.

THE ATCHISON CHAMPION'S New Year's paper, as an exhibition of the industries of that city and a survey of the resources of the state, led the daily press in enterprise, and adds another feature to the Champion's

THE BURLINGTON PATRIOT sent out a finely printed New Year's paper, 'giving very complete summary of the business of Burlington and Coffey county, for which it deserves credit at home and abroad.

THE TOPEKA BLADE, in a double edition ssued New Year's, illustrated with views of Topeka and a number of public buildings, quite eclipsed its neighbors in enterprise. The issue gave a very complete resume of the business of the capital city. It was a decidedly good thing.

We notice, by the last issue of the Kansas Spirit, that Mr. Brown takes editorial charge, which will no doubt be much appreciated by its readers. The Spirit has been, since Mr. Kalloch left it, only a local paper with rural tendencies. Mr. Brown will no doubt improve it by giving it a broader field. Mr. B. was the first editor of the FARMER when it was a small, 8x9

sheet, issued semi-occasionally. HAND-BOOK OF FINANCE.-This work, which is a discussion of the greenback side of the money question, contains the result of much labor and thought. It was written and published by Dr. Joseph Root, ler is the only one which will late Lieut. Governor, Minister of U. S. to Chili, etc., and sold, when first published, at 75 cents per copy. It contains 236 pages, and the copies now on hand have been donated by Dr. Root to the greenback cause. To any reader sending ten cents to pay postage, and cost of package, etc., the book will be sent. Six copies can be sent for 50 cents. Send at once.

> WEATHER PREDICTIONS FOR DECEMBER, 1877.

Prepared by Prof. F. H. Snow, of the State University.

STATION-Lawrence, Kansas, corner of Tennessee and Pinckney streets; elevation of barometer and thermometer 875 feet above sea level, and 14 feet above the ground; anemometer on the University building, Io5 feet above ground.

The month was remarkable for its high

temperature and excessive cloudiness. Mean temperature 44°.43, which is 5°.20 above that of November, and 16°.31 above the December average of the nine preceding years. The next warmest December headquarters states that Gen. Radetsky has on our record was in 1875, with mean temcrossed the Balkans through the Shipka pass, perature 39°.35. There were only two days whose mean fell below the freezing point; in December, 1876, there were 24 such days. sian infantry and cavalry, who advanced to The highest temperature was 68°, on the 12th; the lowest was 10°, on the 1st; range of temperature, 58°. Mean at 7 a. m., 38c. 79; at 2 p. m., 51°.22; at 9 p. m., 43°.87.

Rain and melted snow, 2.21 inches, which is 0.36 inches above the December average. Either rain or snow fell on ten days. The entire depth of snow was only half an inch, which fell on the 39th; there were snow flurries on the 5th. There were two thunder showers-on the 16th and 17th. The total rainfall for the year 1877 has been 41.08 inches.

Mean cloudiness, 58.17 per cent. of the (entirely cloudy, 9). There were six entire- and for the prevention of the adulteration ly cloudy days in succession. Mean cloud- of butter. iness at 7 a. m., 64.84 per cent.; at 2 p. m.,

S. E., 11 times; N. E., 9 times; N., 8 times; secretary, T. M. Seaver.

S., 3 times; E., twice; W., once; calm, twice. The entire distance traveled by the wind was 10.683 miles, which gives a mean daily velocity of 3446 miles, and a mean hourly velocity of 14 36 miles. The highest velocity was 45 miles an hour on the

Mean height of barometer, 29.191 inches; at 7 a. m., 29.208 in.; at 2 p. m., 29.167; at o p. m., 29.196 in.; maximum, 20.575 in., on the 8th; minimum, 28.596 in., on the 14th; monthly range, 0.976 in. .

Relative humidity-Mean for the month, 74.4; at 7 a. m., 83.12; at 2 p. m., 62.3; at o p. m., 78.8. Greatest, 100, on several occasions; least, 30.7 at 2 p. m., on the 2d. There was no fog.

THE FARMERS' INSTITUTE AT MANHAT-TAN.

This Institute has some features that state. It is permanently organized with a board of directors under the statute of the state, and does not die with each successive session of the body, and hence, can more successfully make preparation for its regular and special meetings. Its official action becomes more influential, as that action is really the voice of a large and intelligent body of farmers.

With a recognized head, and a wisely seected board of directors it is hardly possible for such an organization to fail of success.

This institute proposes to hold a meeting of three or four cays, commencing in the evening of Janu / 15th, The influence o these meetings! . past years has been salutary. We are confident of the same results now. They have awakened much interest upon important farm questions. They have quickened the love of many for rural life, and made many desire to be better farmers in future. The first farmers' institute ever held was called by the Board of Regents of the Kansas Stare Agricultural College, and was conducted under the direction of the facualty, and it is gratifying to know that those who have profited most by these meetings, during the past years, are now disposed to give the Institute a legal and perpetual existence.

There are a hundred places in Kansas where just such meetings as the one here contemplated should be held during the present winter. We most cordially welcome brother farmers from other towns and counties to our meetings, but we urge you to organize farmers' institutes for yourselves.

Manbattan, Kapsas.

THE WOOL MARKET.

From January wool circular of Walter Brown & Son, we take the following points of interest :

The first receipts of new wools coming upon a bare market, were eagerly taken by manufacturers, whose necessities compelled them to buy, and under the excitement of the moment, some large parcels were purchased at the advanced prices. A few weeks, however, changed the aspect of the trade; dealers, who previously had no fleeces to offer, could now show a large assortment of all grades, and the manufacturers, who had bought freely, found that wool was not so scarce as they had supposed, and regretted that they had purchased in advance of their requirements.

From this time until near the close of the year, there was a constant effort on the part of the holders, to realize their wools, whiter manufacturers, receiving little or no encouragement from the prices of their goods, could not be induced to purchase any faster than their necessities required. The experience of the past six months must have been very unsatisfactory to most wool ope-

During the first half of December, rather more inquiry was noticeable, though without many large transactions. With the approach of the holidays, the usual "taking account of stock" at New Year's, has deterred manufacturers from buying, and for the past ten days the market has been very quiet. There is, however, an increased firmness shown by holders, who express the opinion that with the new year, greater activity will prevail, and that prices have touched the lowest point of the season.

The average price of Domestic Fleece Wools in the United States, from 1827 to 1861, were: for Fine, 53 3-10c.; for Medium, 42 4-10c.; and for Coarse, 34 5-10c. Average prices for four years, from 1861 to 1866 (during the war), were: for Fine, 75 6-10c.; for Medium, 74c.; and for Coarse, 707-10c. Average prices for twelve years, from 1866 to 1877, inclusive, were: for Fine, 53 8-10c.; for Medium, 52c.; and for Coarse, 47 7-10c.

ANTI-OLEOMARGERINE ASSOCIATION.

The butter makers of New York have formed themselves into a national associasky, the month being 9.21 per cent. cloud- tion, for the protection of dairy products ier than usual. Number of clear days, 12; from adulteration, the enforcement of the (entirely clear, 4), half-clear, 5; cloudy, 14, laws relative to the sale of oleomargerine,

The officers of the association are presi-9.03 per cent; at 9 p. m., 50.64 per cent. dent, J. D. Hunter; vice-president, James Wind-S. W., 33 times, N. W., 24 times; F. Joyce; treasurer, Thomas H. Newman;

Jaunary 9, 1877.

From Douglas County. EDITOR FARMER: During my residence in Kansas, I have seen very few winters that furnished us, in this locality, up to date, so much damp, rainy, cloudy weather, and such bad roads. So much rain, day after day, in gently drizzling showers, reminds one of the land beyond the "Rockeys," far-famed among the old California miners for its wet winters, fat babies, red apples and strong butter, viz: the "Web-Foot Nation," or western Oregon. But the climate and the rain-fall there is rega ulated by a different train of causes from that governing this portion of the continent. We here are affected by a greater variety of varying conditions, which give us correspondingly varied seasons, no two seldom being similar to each other. So much wet and warm weather has damaged a great amount of the late and imperfectly ripened corn. A white mould, commencing at the cob and extending outward through the grain, has made quite an amount of it worthless. A good many who have gathered their corn and put it in the crib in large bulk, have damaged corn. About one fourth of the corn is in the field yet. Some fields of corn are better than last year, but the rule is the other way. There was too much wet weather last spring for the heavy soils in some places, and it was difficult to get a good stand of corn or to have the ground in good shape for a crop.

Much has been said and written about the great benefit to be derived from the use of brains in agriculture, and my observations warrant me in saying that those who have used their brains and muscles jointly, are the thrifty farmers. During the busy months, when there is a relaxation of the busy toils of farm-life, it is a good time to plan for the fun ture. We should study well the varied causes of success or failure which affect either our selves or others, and draw lessons of practical beside therefrom. The study of order and system in the affairs of the farm, as well as a proper understanding of the way to proceed when the busy seasons come, so as to do the best that can be done for ourselves and for those dependent upon us, are things of vital importance, and should now receive our most carnest and intelligent thought. M. A. O'NEIL.

From Greenwood County. EDITOR FARMER: Winter wheat looking well; a larger acreage than last year; a considerable old corn on hand, and the present crop was immense. Oats and rye were also good; potatoes were somewhat short. The condition of cattle is firstsclass, and their number are on the increase. The first crop for 1877 was fair; the peach crop very large:

The following prices are, I think, about the average in this county: Corn, 20c delivered;

CATTLE—Buchers are paying 3 to 3% cents. No cattle in the market for shipping. Muton 4 to 4% cents live, and not much in the market.

HOGS—The prices paid were 3% 63%c, and none oats, 18e delivered; wheat, 80c@\$1; barley, 50c; potators, 75or: Twunyearsold steers, \$25 to \$30; yearlings, \$18 to \$22; cows, dry, \$18 to \$25; good workshorses, \$75 to \$100. Wild land prairie and bottom, \$3 to \$12 per acre; ims proved bottom farms from \$18 to \$30 per acre. Farm labor from \$12 to \$16 per month. Schools and houses good; churches scattering. M. P. S.

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Markets.

New York Money Market.

NEW YORK, January 7, 1878.

NEW YORK, January 7, 1878.

GOLD—Steady at 102%.

BILVER—Bars, 118% greenbacks; 115% pold; silver coin, % per cent. discount.

BONDE—Governments firm. Railroad bonds generally hieher. State bonds steady.

STOCKS—The week opens at the Stock Exchange on a very strong market for speculators' shares, with stocks evidently in strong hands; the market opened %@1% above Saturday's closing prices, and during the first hour the general list advanced %@1% per cent; subsequently there was a similar decline, but during the afternoon the speculations were again characterized by a strong tone and prices made a further advance.

New York Produce Market.

New York Produce Market.

New York, January 7, 1878.

FLOUR-Light trade and strongly in buyers' favor; superfine western, \$4 88\pi.10; common to good, \$5 25\pi.55; good to choice. \$550 5; white wheat extra, \$6.06\pi.65, 76. 8t. Louis, \$5.4\pi.82 5.

WHEAT—M defeate demand; ungraded spring, \$1.32; No. 2, Chicago spring, \$1.32; No. 2, Chicago spring, \$1.32; No. 2, Chicago spring, Mixed, \$1.32\pi.33; No. 1, spring, \$1.38; No. 2, north-western spring, January \$1.33\pi.01 34.

RYE—Dull; western, 71\pi.74c.

BARLEY—Dull, light trade, ungraded new western mixed, 55\pi.65; steam mixed, 55\pi.65;

58%@58%c. OAT Firm, mixed western and state, 36@40c

OAT—Firm, mixed western and state, 366 white, 370,44%c.
COFFEE—Dull.
SUGAR—Quiet and unchanged.
MOLAS-BB—Dull and unchanged.
RICE—Quiet and stready.
EGGS—Western, 20@23%c.
PORK—Mess, \$12.50@12.75.
BEEF—Quiet.
MIDDLE—Western long clear, 75-16@7%c.
LARD—Prime steam, \$7 95@8.
BUTTER—Western, 9@22c.
CHEESE—Firm, 7@12%c,
WHISKY—Dull and nominal, \$1.79.

St. Louis Produce Market. Sr. Louis, January 7, 1878.

FLOUR-Quiet and unchanged. WHEAT-Lewer, No. 3, 1ed, \$1.18%; No. 4, re 81.09. CORN-Lower and fairly active; 42%c; new, 36%

St. Louis Live-Stock Market.

Sr. Louis, January 7 1878. BT. LOUIS, January 7 1878.

HOGS—Lower, with good demand at a declino. light. \$3.60\sigma 3.75; packing, \$3.80\sigma 4; butchers' to extra, \$4\starting 4.10; receipts, 13.000.

GATTLE—Slow and unchanged, except for butchers' stock, which is in fair demand; prime to choice heavy shipping steers. \$4: \$5\sigma 6.12\sigma; fair to good, butchers' \$3.90\sigma 4.50; light, \$3.75\sigma 4; lair to good butchers' \$3.90\sigma 4.50; light, \$3.75\sigma 4; lair to good butchers' \$3.55\sigma 4; good to choice cows and heliers, \$3.37\sigma 4; common to fair. \$2.75\sigma 3.5; feeding. \$3.60\sigma 3.5; stockers, \$2.50\sigma 3.60; corn-fed Texans, \$3\sigma 4. receipts, 1.500.

1,500. SHEEP—Fair demand for heavy muttons; good to choice, \$3 73@4 50; common to fair, \$2.75@3.63%; re-

Chicago Produce Market.

CHICAGO, January 7, 1878. FLOUR—Dull and unchanged
WHBAT—Fair demand and lower, No. 1, spring,
\$1.09; No. 2, spring, \$1.075@1.08 cash or January.
CORN—Dull, weak and lower, 42%c cash or January.

ary.

OATS—Dull and a shade lower, 24%c. cash.

OATS—Steady and fair demand, 56@56%c.

BARLEY—Steady and firm, 57%c.

PORK—Easier and Quiet, \$11.25 cash.

LARD—Fairly active and a shade higher, \$7.40

cash.
BULK MBATS—Quiet and unchanged, shoulders,
4c; short ribs, 5%c; short clear, 5%c.
WHISKY—\$1.05.

Chicago Live'Stock Market. CHICAGO, January 7, 1878. HOGS—Receipts, unsettled, closing 5@10c off Saturday's prices, mixed packing, \$4.05@4.15: light, \$4.10@4 15; choice shipping, \$4,30@4.35; all sold; clos-

184.10@4 15; choice anipping, \$4,00@*.55; and the ing firmer.

CATTLE—Receipts, 1500; opened strong and 10@
15c. higher for fair to good "hipping; sales at \$4@5; no extra offering; feeders and stockers selling at \$3@
3.80; very little doing, butchers' opened strong and closed weaker; cows, \$2.55@.3.35; steers, \$3@3.87%; bulls, \$2.62%@3.25.

SHEEP—Receipts, small; quality inferior; nominally strong; extra to fancy, \$4.75@.5; fair to good wethers and ewes, \$4@4.50; inferior to medium, \$3@3.75.

Baltimore Corn Market.

BALTIMORE, January 7, 1878. CORN—Western dull and lower; western mixed, spot, 58%c; January, 58%c; February, 59%c; western steamer, 58%c.

Kansas City Produce Market. KANSAS CITY, January 7, 1878.

HANNAS CITY, January 7, 1818.

WHEAT—Quiet; No. 2, nominal; No. 3, 81.02% @
.03; No. 4, 92c; rejected, 78c, spring nominal.

CORN—Quiet; No. 2, 29%c; rejected, 25c.

OATS—Dunl; No. 2, 49c; rejected, 35c.

RYD—Dunl; No. 2, 49c; rejected, 35c.

BUTTER—Choice firm; 16@18c.

EGGS—14c, Hansas City Live-Stock Market.

KANSAS CITY, January 7, 1878. CATTLE—Receipts, 167; shipments, 19; driven out, 884; a shade firmer; sales of cows at \$2.75@3.30; butchers' steers, \$3@3 10; stockers, \$2.75@3. HOGS—Receipts, 2,460; strong and 54, higher; sales at \$3.75@3.20.

ATCHISON, January 7, 1877.

WHEAT—No. 3, fall. \$1 05. No. 4 do., 92c; No. 2, spring, 88c, No. 3, do., 82c, rejected do., 70c.

RYE—No. 2, 40c.

OATS—No. 2, 16c, white, 17c.

BARLEY—No. 2, 35c No. 3, 20c. rejected —.

CORN—It the ear. 29c, shelled, 29c, new corn, 34c.

FLAXSEED—\$1 00.

Leavenworth Produce Market. LEAVENWORTH, January 7, 1878. WHEAT—No. 2, not quoted; No. 3, \$100\$1,05; No. 4, 90c; local demand good, but prices subject to a decline.

ORN—Market price for choice white 26\$28c; yellow, 25\$27c; shippers paid 26\$27cts.

POTATOES—Early Rose, 40 to 45c; Peach Blows, 80 to 65c.

Leavenworth Live-Stock Market. LEAVENWORTH, January 7, 1878

	coming into the market.
	coming into the market.
	LAWRENCE, January 7, 1878. Wheat, No. 3. bush. \$1.00. Wheat, No. 4. 85. Wheat, rejected 28.
r	Oats
	Topeka Lumber Market.
	Joist and Scantling. 22.50 Rough boards. 20.10 No. 2. 20.10
E	Fencing No. 2 20 00 Common boards, surface 25 00
-	Stock C
8	1 B
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or	
ıb	The Paris Conta Market

16	A					
Dielahin	g Lumber.			1	35.00	to
LIMIDUID	E Tramper				25 00	to
Flooring	*********				3.00	+0
Shingles					3.00	
Lath						
	Topeka	Retail	Grain	Mar	kot.	
Whole	sale cash	prices by	dealers	, cor	recte	d w
Whole	sale cash	prices by	dealers	, cor	recte	d

ľ	Datil.
	Topeka Retail Grain Market.
	Wholesale cash prices by dealers, corrected week by W. Edson.
-	WHEAT—Per bu, spring Fall No. 2
-	CORN—Per bu. New
	OATS—Per bu
	FLOUR—Per 100 lbs No. 2.
	CORN MEAL————————————————————————————————————
	CORN & OATS— BRAN— BHORT—
t	Topeka Butcher's Betall Market.
-	BEEF-Sirloin Steak per lb

Round " " " Roasts " " " " " " " " " " " " " " " " " "		Topeka Butcher's Retail Market.
By the carcass per lb	VEAL	Hind By the carcass ON—Chops per lb Roast By the carcase per lb Steaks per lb Roasts By the carcase per lb Roasts By the carcase per lb Roast Roa

;	Grocers retail price list, corrected weekly by	J. A. Lee
1	Country produce quoted at buying prices	.602.80
- 1	A TOTAL DOS PARADAL	2 50
i	BEANS-Per bu-White Navy	2 2
0.4	Medium	1.50
1	Common	1.2
-	Chator	
-	HITTER-Per lb-Choice	.1
-	Medium	
	CHEESE-Per lb	10 to 193
	EGG8-Per doz-Fresh	.183
	LOMINY-Per bbl	5.25tob 5
	VINEGAR-Per gal	.90.4
	POTATOES-Peribu	.50@ .7
	POULTRY-Chickens, Live, per doz	1.5001,7
	Chickens, Dressed, per lb	0
	Luimojoj	
d.	floore	
٠.	ONIONS-Per bu	.400.7
0	CABBAGE-Per dozen	.75 to .9
•	SWEET POTATOES-Per bu	
	Leather Market.	
	Total & Connett	Doslers
at	Corrected weekly by Hartseck & Gossett	er.

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MINTER RY WER M . HI IPEIN

From Spirit of the Times. EV. BYBODY'S BABY.

BY NIM CHINKLE.

I was just twenty one and i got married! She was only rightert! To my soher sense, now, it seems like a mad mid-sun mer dream. I dwell on it with ten.

d-r worder. I suppose that love is like - kind of polariz When the sudden rays fall upon a

fellow's soul he looks down into himself and is astounded at the splendid colors that are in Late all my tribe, I was, up to that time, a

seill-b, arrogant, the ughtless, vain, unrestrain ed arimal The brute forces in me were strong. I think I would have carried off any bouncing beauty that came in my way, much as a Newfoundland dog drage a child out of the water, gives it a shake, leaves it on the him. In his own reckless moments of conshore and obtains for a hereditary instinct the templation he wonders if after all, the polyga-

honor of herotem, Neither man nor boy, I was in that midregion where the desires and the hopes were unable to touch the earth, and the impulses and appetites were too heavy to live in the

But you must not sup ose that I was, there fore, more of an animal than you, my estimable masculine reader, were at the same age, If I were different in any respect from m

race I wouldn't say anything about it. You ought to know, if you have ever thought saything about it, that you were born a brute, and it took some time for you to grow into a rational buman being It took me nearly twenty-one years.

Then one day my empress came along in pink dress A great light shone out of her eyes. I didn't know then that it had been burning there from the beginning with slowly it creasing brilliancy, and the one purpose finding me in the several hundred millions of my species and setting me ablaze.
No I did not then know anything. I hav

in a pink dress who disposes

Excuse me, if I say that this girl, whom thousands must have looked at ignerantly, was the queen of beauty. I wish that to be un derstood literally before I go any farther.

If you suppose I am going to prove it by description you are mistaken. I might as well try to make a map of her witchery, and give you a bird's eye view of her kingdom in

never could do it for myself. To come right down to actual facts, I supposed the brown of her luxuria t bair was exactly the same shade as that of twenty other girls that I had met. But there was no magnetism in the twenty. When her's brushed against my forebead for the first time something went through me like an electric oder.

Literally speaking. I suppose her deep blue eyes were anatomically constructed on the same plan as all other eyes. But for me there was a vestal fire burning in them that was new. The first time they were turned full on me I telt an irresistible impulse to take off my hat as if I had suddenly got upon holy

When I was struck down by this mysteri ous agency in a pink dress, I went home limp, I had reached the first emotional crisis of

my life without knowing it.

And you may accept it as a first class axiom that a young man never does know himself

until he is impelled by an inscrutable tate to know somebody else.

Now, to love a woman is one thing, and to cance On both of these occasions a dread possible for a well-constructed manly nature tuary, lays its old bonnet on the hall stand, one-half cup butter, one cup sugar, two

to love every good looking woman he sees. But in order to have a passion for one of them, it is necessary that he should entertain grave doubts about the possibility of possessing her. Smooth love is not heroic love, and true love is proverbially rough. The first doubts are raised by the woman berself.

She wears a subtle scorn in her face, and even in the shrug of her shoulders, that she has never seen a man good enough for This organic imperialness belongs to her, even before she is out of short trocks

The moment you come upon the one creature that was intended for you every instinct rises up and tells you she is too good for you. N .w. it it wasn't for the precious brute element in him, man would instantly make way

for a better fellow. The population of the world, and the condition of our public schools fully attest, thank Heaven, that ethics do not control the race. Briefly; The woman I loved was unquestion

ably pre-ordained to be my wite, but it took me six months to convince her of it, and even then the arguments were confidential, and carried on in spite of fathers, mothers, aunts and sisters, on both sides of the secret alliance Finally I carried her off suddenly, married

her hurriedly, and we tumbled hastily into a flat to consider it slowly.

I remember I held her in my arms for an

hour or two in the dark—she laughing and down-and-what then? crying, and I playing the mixed part of the brave and the consoler, but afraid to get up and light the gas, for fear I should dissipate some part of the illusion.

been after.

O, you tellows who court a girl four or five years have no idea of the luxury of such a coup de main. Long before you have married your women you have grown accustomed to your right of proprietorship Everybody has soul has stretched out and taken root, comes tacitly acknowledged it by keeping out of the man this dread phantom of the possible, your way. The edge of possession has been and he lifts his first to heaven, and his undisciplined nature rebels.

I called this a new view of myself. It was, event, fixing even the chair-linings; and the bridal ceremony is only an incident in a series of circumstances that you have arranged with the dult formality of an undertaker. You dis-sipate all the illusion of the sex by sitting up with your intended till twelve o'clock, discussing rents and servants. You stalk prosaical- j-rk-d her head, and said I could see her now. ly into the mysteries of womanhood, and you know all about the washing bills, the price of nursing bottles, and the reputation of the her." nearest doctor long before the crisis arrives.

years of luxuitent imaginings, voluptuous lanciles, strange doubts and misgivings, and a pensive beauty on it, and a new joy in it.

I tell down by the bedside, and got my arms at least the mysteries of the sex; let me sudand her. My voracious love seemed to please her. I pressed her dear face close to mysvery; its whelming bodice throbbing against my coat; its white arms around my from my eye upon her cheek. As it touched greatly oblige,

neck; the whole world on the other side of my door saying. "By Heavens, is shall not be,"and I idiotically kneeing the part in her hair and eaving: "By Heavens! it is!" Now you know who the baby of this story

The manly brute who, so to speak, burets into matrimony in this burglarous manner, undergoes several very curious transforms-

For the first six months he swells about with the air of a conqueror, and speaks of my wife" as it she were a banner wrung from the

enetDy. His chief concern is to keep from finding out how soft and sentimental he is. great blindness will not let him see that marrying knocked some of the brutality out of him, and that now he is developing into a responsible human being.

During the next six months he grows a little restless. He remembers the peculiar and sharp pleasure of capture, and steady posses sion does not renew it.

This is the last flare of the original brute in purely physiological point of view, it would not be better it if a man married every year At the end of twelve months I found actual experiment that the dark brown hair did not send the same electric shock through me when it swept over my torehead

The truth is, I don't think she fuzzed it so

exquisitely.

But be that as it may, she noticed with a woman's keen sense, all that was passing in my mind Ouce or twice, I thought she said, as it in tender admonition. "Do not love me miles of your habitation, and some one ought for my hair alone," but it was only my imto answer your questions.

I could swear she had little cry! I forget what my brother does when he gets ing spells, for her eyes were red, and the in-flamed look contrasted rather odd'y with her toreed galety.

Well you know, fellow brutes, how it was. She got pale, took to wrappers, sat about lan-guidly, and the air of invalidism repelled me. I was afraid of hurring her, with my old boisterous and lusty affection.

of my species and setting me abjaze

No I did not then know anything. I have since learned that the human animal, when among women, proposes, but it is the goddess in a pink dress who disposes

terous and justy assection.

Then one day I made a fresh discovery. It flashed upon me that she might die. I hadn't thought of this before. What business had my property to die? I turned about, and ran nome as tast as I could, for I thought I'd stop the dying nonsense, as a husband should.

When I got to the door, and rang the bell, an old woman came to the door, opened it cautiously, put her finger on her lip, and beck. oned to me mysteriously. I followed her into an unoccupied room.
"She's been took," said the old woman.

"Sick?" I gasped. Then my premonition

was right. She was going to die!
The old woman stood with her back to the

"You must stay here," she said. 'I'll go up and see. Wait a moment."
I think I was about to jump over her head,

when she turned around with an awful official severity, and said: "Do you want to kill her?"
"No!" I answered, submissively.

Then sit down, and make yourself comfortable I've sent for the doctor! Somewhat stunned, I believe I obeyed.

All at once I got a new view of myself. I, who had begun to think I was a little weary of married lite, was maddened at the possi. bility of losing her.

The fact is, as passion had withered, a ten- have "lots" more nice rec der regard, a holy, reverential love had been, have by asking for them. unobserved, growing up in its place

There are two occasions in a household when the head thereof feels his utter insignific tor-ign element stalks grimly into his sanc hangs its old reticule upon the hat rack, looks cups flour, one-half cup milk, three tea-at him icily, and takes silent possession of the spoonfuls baking powder. Mix butter and place. Protests are vain in the presence of that dire minister. Authority is of no avail, cake. This is a delicious cake if a thin ity under its wrinkled forehead, and calmiy flavor. itself il urishes the most potent of all authority, that of precedent.

A man instinctively knows when this methodical moneter assumes control of his house that one of two dread events are about to fol add four beaten eggs, half a pound of rais-

low—life or death.

But if he is, as I was, just out of the snimal kingdom, and hardly yet a full-fledged man, he will be very apt to mistake one event for

the other. He only knows that he is in dreadful suspense. That the house is hushed, that some-body is moving about in the next room on tiptoe, that a subtile odor of drugs pervades the air. A fantastic dread takes possession of him, that these unusual and significant circums stances are only the peliminaries of others in the same chain. That presently a dead bush stir in one teaspoonful of salt and one scant will fall over everything; that he will meet tablespoonful of white sugar. Add two the doctor and shake hands with him solemnly, and that personage will go away hurriedly, and another more dread will come. Then there will be a pungent smell of varnish in the house, and a shuffle of feet. Then the windows will be opened and the blinds pulled

Does not the very strenuousness of life breed this dread in the brain. Do others not flash black and silent, over the grave, and that hor-l had won her by a hair, so I squeezed her rible lowering of all that one loves into the tightly to make sure it was the prize I had clay with the attendant misery of desclation walk away homeward, talking of their life aft

fairs that have not been disturbed by this blast that has withered your heart forever. For the first time in his life, and just as his

For the first time I saw clearly how dear my wife was to me. For the first time I be came aware of my own capacity for suffering. I remember that the nurse appeared sud-denly and softly in the room like a wraith, and

with an unchanged expression of solemnity To me it was as if she had said: "All is over, wretch. Not even your presence can hurt

I believe I rushed headlong to know the This is your rational woose.

Give me the brute that I was, if the thing have crape in it. The passages were dark. is to be rebearsed. Let me leap out of the I stumbled, and must have made a great deal purgatory of doubts into the paradise of possess of no se. All at once I was in a lighted sion. Let me suddenly find myself, after room, white curtains, white walls, snowy All at once I was in a lighted years of luxurient imaginings, voluptuous fan- counterpanes, and a white face with a new

her, she kresed me, and said, in a thin, voice, but full of the deep music o' joy:

You do love me, don't you? I don't know what I said, but I believe it was half apologetic, about my not knowingand making a mistake. But now that there was a baby—of course—— She enterrupted me. "There always was,"

"Always was! ' I repeated.

Yes Now there's two of 'em" I -aw something very red, with a frizzy head That was one. Two! You don't say so! Where is the oth

Here," said she, pulling me down with onarm, and kissing me again on the check.

That squesze pressed the last vestige of

the brute out of me. The greatest lesson of life somes to no through a woman For even maternity touches the borders of

mortality, and we first learn from her that the greatest duries only bear the greatest bless ings when they are watered with suffering. [TO BE CONTINUED.]

LONGHOME BEN.

I have my own opinion of a "youngish" man who begs for recipes for bread and piercrust, and whines because he is compelled to ear "stuff of all kinds. There's many a nice girl who would be delighted to relieve you of the responsibility of cooking, if you would take her for "better or worse." Probably the truth of the matter is, that you have been refused by all the girls within a radius of fifty

his buckskin mittens wet, I think he buys a new pair: but I can tell you how to make yeast. Take a handful of loose hops, but then, you have a large hand I presume, and you need not take it quite full, put them in a quart of boiling water, let them boil a few minutes, then take a tea cup of flour, put cold water in it, and stir until smooth, then stir it gradually into the boiling hop water, then two table spoons ful of sugar and one of salt, and when it becomes tepid, add a gill of freeb yeast; set it saids and let it foment for twelve hours, then put it in a bottle, an old cham. pagne bottle will answer, an old liniment bot tle might impart a flavor, more forcible than agreeable; set it in a cool place. In summer "Took!" I shouted. "Mercitul heavenr! Took agreeable; set it in a cool place. In summer where?" She blinked at me. "She's took to it wilkeep a week, in winter two weeks. am sorry not to have a better opinion of your mother's yeast, but I am confident she could not always have had perfectbread, if she made corn yeast and kept it in a bag; yeast must be fresh, to make good bread.

I shall never tell you how to make pie-crust, if you will "read and inwardly digest" the excellent articles in the FARMER on dyspepsia, you will never think o', or long for pie

To go back to first principles, you will be a dyspeptic old bachelor, if you do not get married. If you set about it in right good earnest, you can in the course of a year or two, find some one who will have you. In the meantime I pity your digestive organs, and I have "lots" more nice recipes which you can

SUSAN GABRIEL.

RECIPES.

WHITE CAKE .- The whites of three eggs, or it has the insignia of the invincible neces- trosting is made, using orange extract as a

CRACKER PUDBING .- Pour one quart of boiling milk over six soft crackers; let it stand till the crackers are very soft; then ins, and salt, sugar, and spices to taste. Steam three or four hours. Use brown sugar.

In order to make a very nice layer cake, such as jelly, cre m, cocoanut or chocolate, a simple sponge cake is the best, made in one round, whole cake. Split it three times while warm, as it will hold together much better than if the cake is cold.

CORN BREAD -Beat one erg very thoroughly with a tablespoonful of cold water, and a half cups of sweet milk, two heaping cups of Indian meal and one even cup of wheat flour, through which you have sifted two teaspoonfuls of sea foam or baking powder. Lastly, one tablespoonful of melted butter. Beat very hard and bake in a deep buttered pan. . This does not make a very large quantity. Corn bread should be put in a quick oven and baked very steadily. It will take about twenty minutes, and if properly mixed will be very light. Add a little more milk to the batter and bake in rings for corn meal muffins, We have tried many different receipts and

can vouch for the excellence of this. FISH BALLS -I would like to send my recipe for fish balls to those who are not afraid of a little fat pork: Take of fish that has been freshened and boned, enough to make one quart; cold boiled potatoes, double the quantity of fish; three slices of salt fat pork (ried out); chop all very finely together; then add three well-beaten eggs, one cup of sweet milk, and make into balls. rry brown in the fat that was tried out. They are most delicious .- Cor. Tribune.

INFORMATION WANTED. MRS. J. K. HUDSON: Can you, or some

reader of the FARMER, tell me how to make those worsted lamp mats that are made by tying strands of zephyr together in some way. which are afterward cut, then looped, and fastened on some kind of a foundation, thus forming those beautiful and mossytlooking mate?

I would like to know, too, if there are any butter-presses; if so, which are the best in use, and where can they be obtained?

Any one answering the above questions will HRLIOTRPOR.

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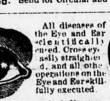
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Opposite Farmer Office, TOPEKA, KANSAS.

HOW TO POST A STRAY.

BY AN ACT of the Legislature, approved Feb. 27, 1866, section 1, when the appraised value of a stray or strays exceeds ten dollars, the County Clerk is required, within ten days after receiving a certified description as d appaisement, to "forward by mail notice containing a complete description of satisfacts the day at which they were taken up their appraised value, and the name and residence of the taker up, to The Kansas Farmer, together with the sum of dity cents for each animal contained in said notice."

How to post a Stray, the fees, fines and penalties for not po-ting.

Broken animals can be taken up at any time in the year.
Unbroken animals can only be taken up between the 1st
day of November s at the first day of April, except when
found in the lawful inclosure of the taker ap.
No persons, except citizens and householders can take
upa stray.

No persons, except citizens and householders can take upa stray.

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

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

If such stray is not proven up at the expiration of the days the taker up shall go before any Justice of the Peace of the township, and file an affidavit, stating that such stray was taken up on his premises, that he did not drive nor cause it to be driven there, that he has advertised it for ten days, that the marks and brands have not been altered, also he shall give a full description of the same, and its cash value. He shall also give a bond to the State in double the value of such stray.

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

If such stray shall be valued at more than ten dollars it shall be advertised in the Kansas Farmer in three successive numbers.

The owner of any stray may within twelve months from

If such strayshall be valued at more than ten dollars it shall be advertised in the Kansas Fahmer in three successive numbers.

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

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

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

They shall plso determine cost of keeping and the b enemis the taker up may have had, and report the same on their appraisement.

In all cases where the title vests in the taker up, he shall pay into the County Treasury, after deducting all costs of taking up, posting and taking care of, one half of the remainder of the value of such stray, and each of the remainder of the value of such stray and be subject to a fine of them that shall be guilty of a misdemeanor and shall forfeit double the value of such stray and be subject to a fine of twenty dollars.

Fees as follows:

To taker up, for each horse, mule, or ass,

wenty dollars.

Foes as follows:

To taker up, for each horse, mule, or ass,

To County Cierk, for recording each certificate
and forwarding to Kansas Farmer.

To Kansas Farmer for publication as above
mentioned for each animal valued at more than

50

\$10.00,

Justice of the Peace, for each silidavit of taker up.

for making out certificate of appraisement and all his services in connection there with.

THE STRAY LIST.

Strays For the Week Ending January 9, 1877

Brown County—Heary Isely, Clerk

STEER—Taken up by Henry Monroe, Walnut Tp, (Tyler P O) Nov. 20, 1877, one rea steer, white on back and
under belly, white lace and part of tail, 2 yrs old, no
marks nor brands. Valued at 225.

o'T En—taken up by K w Anderson, Padonia Tp, (Padonla P O) Nov. 2, 1877, one rea and white spotes steer one
yr out spit in right ear. Valued at 83
PONY—Faken up by O F Manvini Hamilin Tp, (Sabetha
P O) Nov. 20, 1877, one bay on sorred horse or coit pony
about 4 yis old one wat indicot, small white spot in
face, some seddle marks, had hatter head Stail on when
faken up. Valued at \$20.

Filly—Taken up by EM Bartlett, Robinson Tp, (Robinson P O) one bey filly 2 yis old, no marks nor bra ds.
Valued at \$35.

STEER—Taken up by John P Shelton, Wainut Tp,
(Hamila P O) Dec. 4, 877, one white seer calf one yr old
(past, rod ears, red around nose, red spots on legs, no mark
nor brands. Valued at \$16.

O'W—Taken up by John Marks Manderson, Padonia Tp,
(Rulo, Nebruska P O) Nov. 23, 1877, one yellow roan ow
about 7 yrs old. up of right horn broken off. Valued at
\$16.

STEER—Taken up by John Belk, Padonia Tp, (Padonia Brown County -Heary Isely, Clerk

\$15. STEER—Taken up by John Belk, Padonia TP, (Padonia PO) Dec. 10, 1377, one white and red pied steer 1 yr 014, white face, no marks nor, brands. Valued at \$12. Chase County .- B. A Breese, Clerk.

STEDE Maken up by G W Yeager, Bazaar To, Doc. 1 77, one pale red seer, 5 yrs old, white line back, white face and on beny, hand legs white to knees. Valued a

Cherokee County-Ed. McPherson, Clerk. COW-Taken up by Davia Frakes, shawnee Tp, Dec. 12 1877, one black cow o yrs old, some white is face and on belly and legs. Value at \$20.

Coffey County .- Job throckmorton, Clerk

Colley County.— Job throckmorton, Clerk
PONY—Taken up by John Bai oy, Pottawatomie Tp, Nov
id, 1974, one small by y-n.p. in red 3 yrs old, baid face, both
hind teet waite. Valued at \$20.

HEIFER—Taken up by He-ry Schaaf, Hampden Ip,
Nov. 29, 1877, one red yearling heifer, branded 7 on left
hip. Valued at \$12.

Six Ex.E—Taken up by Thos Williams, Ottamwa Tp, Nov
1, 1874, one fen and white 3 yr-old steur, speciated, red
ears, forclegs red up to Knees, some red on hind legs, red
spot on nose, to marss nor branas. Valued at \$20.

Six Ex.E—Taken up by W H Proteor, Liberty 1p, Nov. 21
1874, one white two-year old steer. Valued at \$20.

COLL—Taken up by W H Proteor, Liberty 1p, Nov, 12,
1875, one brown in re cold it or 12 hands high, 1 yr old
past, while strip in face, branded from left shoulder. Valucd at \$25.

Taken up by W H Proteor, Liberty 1p, Nov, 12,
1875, one brown in re cold it or 12 hands high, 1 yr old
past, while strip in face, branded from left shoulder. Valucd at \$25.

Taken up by W H Proteor, Liberty 1p, Nov, 12,
1877, one brown in re cold it or 12 hands high, 1 yr old
past, while strip in face, branded from left shoulder. Valucd at \$25.

1877, One Down in 190 control in the resistance. Varied at \$1.55.

STERIE—Taken up by M.E. Grimes, Burlington Tp. Dec. 1.1877, One 2-proid dark rea steer, marked with swallow for in right ear and apper of ton left. Valued at \$20.

Also, one three-yr-of wattesteer, marked with errop of right ear and branded Son right hip. Valued at \$20.

STERIE—Taken up by John Mottimer, Pottawatomic Tp. one Sycar-out steer, ru with some white spots, luvisible brand our gat hip. Valued at \$20.

FILLY—Taken u. by A.H. Britton, Key West Tp. Nov. 9, 837, one pony first y tyre only ark bay, star in K rehead, white on let in na foot. Value, \$25.

SIERIE—Taken up by W.A. Browman, California Tp. Nov. 2, 1877, one white steer sopposed to be 2 yes ou, staggy appaarance, no marks or orange. Valued at \$22.

Lefferson County—D. B. Baber, Clerk.

Jefferson County-D. B. Baber, Cierk, STEER-Tak in up by E. G.H. stings, Kaw T\$\beta\$, one red oan stee. 2 yrs oid, brand D on left hip. Valued at \$22.
Also, on lot steer 1 yr oid, same brand. Values at \$36.
Also, he red and white steer 1 yr oid, same brand. Val-

Also, he red and white seer 1, and at \$16.

Also, one white steer 1 year old, with red neck and ears, same b and Vancetat \$16.

Also, one resteer 1 yr old, crop off and slit in right ear, and rold in fetter. Valued at \$16.

\$14EkK-staen up by Bloss Noil, Jefferson Tp, one steer 1 yr o.a p.st., white and red spotee, red ears, star in forchead, under slope off feit ear. Values at \$15.

Johnson County-Jos Martin, Clerk.

Johnson County—Jos Martin, Clerk.

MARE—Taken up by Marion Stanfitt, near Shawnee, one bay mare about 12578 old, 14% nand-night, outstears split, test mind foot write, comer marks. Valued at \$12.

MARE—Taken up by John Winderman, dear shawnee, one paie yellow mare with blaze face, right hind leg write to nock, should it outst, ordered Con lett-shoulder, about 8 yrs old. Valued at \$30.

Silekie-Taken up by Johns Chandler, near Shawnee, one steer 2 yrs old last spring, write with rea spoes on neck, marked with smooth off right and underbit in left est, brandes Gon life inp. Valued at \$40.

Also, in the two yis old, same marks and brands. Valued at \$12.

COW—Laken up by Jacob Benner, near Shawnee, one pale red cow, whice on benry, tip of noras sawed off, sear on right jaw, brand U on left, inp, 4 yrs old, Valued at \$15.

HEIF Elic—Taken up by Thos Valyer, Lexington 2p, Nov. 2l, 1871, one red actier supposes to be 1; 7 old, 84ar in Joreacai, some write on beily, crop off lettear, Valued at \$12.

COLTS—Taken up by Patrick Trainer, lexington Tp, Nov. 7, 1871, one bay horse cold about 2 years old, black mane and tail, some white in terencai, 2 white leet, some write on the leg. Valued at \$25.

Also, one datar fron gray horse cold over one year old, small write spot in fo caesai. Valued at \$25.

COW—Taken up by James strace, 8h. wace Tp, Sept. 15. 877, one red and white spotted C.w 8 yrs old, left horn off and left eye out. Valued at \$45.

COW—Taken up by G Campbell, shawnee Tp, Nov. 2s, 1877, one miden ow about 8 years old, white mottled lace, no marks or brands perceivable. Valued at \$45.

Line County—J W Flora, Clerk.

Linn County-J W Flora, Clerk.

Linn County—J W Flora, Clerk.

HORSE—Taken up by Abner Morris, Paris To, Nov. 30, 2877, one dark bay horse 6 or 7 years old, star in orenead, about 15% hanes high. Vanued at \$30.

STEE — Taken up by K Fairchild, Blue Mound To, Nov. 27, 1877, one sensil, ret roan yearling steer. Value \$14 STEER—Taken up by W H Shattuck, Valley To, Nov. 27, 1877, one dark brown yearling steer, half crop on under right ear, underly to in he left ear. Valued at \$14 STEER—Taken up by Daniel Woodcon, Linco a To, Dec. 12, 1877, one red and white vearling steer, no h rus, branced M on left hip, swallow firk in a tear, Value \$15. 1 COW—Taken up by J k Goodrick, 'i coln To, Dec. 6, 877, one Kd and white cow, white in to chead and under bally, bush of tall white, the old firm broken off, 6ys old. Valued at \$20.

STEER—Taken up by W H Mochony, Blue Mound Tp, Dec 4, 1877, one red and white yearling steer, underbit in right ear. Valued at \$20.

STEER—Taken up by W H Mochony, Blue Mound Tp, Dec 3, 1877, one wisher, yearling steer, brand on left hip undistinguishable. Valued at \$15.

Lyon County-J & Craig Clerk HRIFRH.—Teken up bp Bidney Putnam, Warerloo Tp.
(Hvy P O) Nov 27, 1877, one sp. tted red and white yearling he for, no m rks nor brands Valued an \$12
(COLT—Taken up by Wm Rees Em.ori Tp. Nov. 16,
1877, one dark bay colt 1 year old past, no marks nor
brands. Valued at \$33.

COLT—Taken u by Walter M Wright, Emporia Tp.
Dee 11 1877 one bay horse cost ab ut 2 yes old, star in face
no marks nor brands. Valued at \$15.

Mitchell County-Lew J Best, Clerk COLT.—Taken up by George A Moore, Hayes Tp, Dec. 17, 1877, one dark hay colt with black mane isli anti lega, severe cut on under sid of neck, supposed to be 2 y a.s old last spring. Valued at \$30.

Nemaha County-Watter J Ingram, Clerk. PONY—A very small indian pony mare, light bay, 2 or 3 cals old, black mane shu tah, and shuall white spot in years out, once mane and tar, increased in order at the increase in order at the increase and increase and increase and increase out in order or in order or

Pottowatomie County-H. P smith Clerk MARE—Taken up November 26, 1877, by Newton May-nee, Blue township, one black mare, at rin forchead, sup-losed two years old last spring. Value dat \$35. CULI—Also, one inack horse coit, star in forch ad, apposed one year old last spring, in thin fiesh. Valued

supposed one year old last spring, in thin ness. Valided at \$20.

11 OKSE—Taken up by Davi. O'Shea, Emmet towaship, November 15, 1577, one oay horse pour, black mane and tall, suppose d three years o d. Val. ed at \$25.

COL!—Taken up by Patrick Supples, knimet towaship, November 13, 1577, one bay horse colt, black mane and tall, one year old past. Valued at \$.0.

HEIF ER—Taken up by John Sutterlin, Center township, November 10, 1877, one red and white h her, one year old. Valued at \$12.

o'Taken—taken up by Christ Kolterman, Mill Creek township, sovembe 2e, 1577, one 2-year old sheer, red, white spots on both sides, some white on flanks, no brand. Valued at \$25.

CO n—lance up by J H Watts, Vienna township, Nov-

white spots on both sides, some white on fights, no brand. Valued at \$25.

On - laken up by J H Watts, Vienna townstip, November 19, 187., one red cow, small size, 4 year-old, a little white on ocily, rather shorttail, no marks or brands. Valued at \$25.

COLT—Taken up by Thomas Huey, Louisville township, Joeember 5, 1877, one dark bay pony horse coit, about 3 years old, about 12 hands high, small white spot in forehead, a little white on both sind feet. Valued at \$20.

SikE.—Taken up by O D Walker, Pottawatomic township, November 1, 1877, one white steer, I year old, end of left car off. V. luou at \$16.

SIEEL-Taken up by Thomas Connaghton, Center township, D. cember 6, 1877, one 2-year. Id steer, red and white belly, some white on bips, branded on right hip, with supposed to be the letter S. Valued at \$70.

SIEEL-Taken up by A P Soderlien, B ne Valley township, December 8, 1877, one red and white yearing steer, mixed colo, boddy white. Valued at \$10.

MARE—Taken up by N M Forry, two miles east of Wamego. December 14, 877, one sorre! mare, about 8 years old, white Strip in face. Valued at \$30.

MAKe—Taken up by N M Forry, two miles east of Wamego. December 14, 877, one sorre! mare, about 8 years old, white Strip in face. Valued at \$30.

MAKe—Taken up by A D cas sorre! mare, about 8 years old, white Strip in face. Valued at \$30.

Killey County—Wm Burgoyne, * lerk.

Biley County-Wm Burgoyne, Ierk. MARE—Taken up by Silas Spense, Manhattan township one dark brown filly, coming two years old, a star in tare, no m rks nor brand Valued at \$20 and the star of tare, no m rks nor brand valued at \$20 and the star of tare township, one red heffer, white tace, short tall, no marks nor brands. Valued at \$13.

81 EER—Taken up December 10, 1 77, by G Morganfeld, Ashiand township, one yearling steer, white, average size, no brand. Valued at \$10.

Sedgwick County - John F Tucker Clerk. December 15, 1877, dark bay, four years old, lame in left foreigr. Valued at \$15. COW- (Texas) mouse color on sides, white on back, branded ill on right hip, about five years old, value \$15. Taken up by H W Lawrence, Delaware township, December 17, 1877.

Phawnee County-J. Lee Knight Clerk. BTEER—Taken up by John Parr, Tecumseh township, December 1, 1877, one red and white steer, two years old, with m ill crop off right ear, no other marks nor brands yisible.

Visible.

ONY—Taken ap November 24,1877, by Wm. George, Soldier township, one bay pony, supposed to be 7 years old, 14 hands high, some write bairs in the forehead, saddle and collar marks, stiff in the hind legs, no other marks or brand visible. Value \$20.

MULE—Taken up Docember 8, 1877, by John D. Knox, Topek township, one stray mule, about three years o d, of a medium size, a female, brown in color, no marks nor brands perceivable, and estimated by him of the value of \$50.

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The undersigned makes a speciality of hunting stray horses Stray animals are never moved from where found until Indentified by the owner. Full descriptions sent me by mail will be promutly attended to and the charges when the animals are found will be reasonable Address, J. B. CLIFFORD.

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Golden Medical Discovery

Golden Medical Discovery Is a Chologogue or Liver Stimulant.

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Golden Medical Discovery

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er Camplaint," and its Tonic properties make it qually efficacious in curing Ladgestion, Loss of Appetite, and Dyspepsia.

Where the skin is sallow and covered with blotches and pumples, or where they are scrofulous swellings, and affections, a few bottles of Golden M dical Discovery will effect an entire cure. If you feel dull drow-swellilitated, have sallow color of kin, or yellowish-brown spots on face or body, irequest headache or diz incess, bad take in menth, internal heat or chilis alternative with hot flushes, low spirits and gloomy forebodings, irregular appetite, and tongre coated you are suffering from Torpid Liver, or "Billouanes." In many cases "Liver Complaint," only part of these symptoms are experienced. As a remedy for all such cases, Dr. Pierce's Golden Medical Discovery has no qual, as it effects perfect cares, leaving the liver strengthened and healthy.

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while using them.

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DR. PIERCE'S FAVORITE

PRESCRIPTION.

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PRESCRIPTION.

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Favorite Prescription is a Powerful Restorative Tonicto the entire system. It is a nervine of unsurpasst ed effice, y, and, while it quiets nervous irritation, it strengthens the enfective nervous system, thereby restoring it to healthful vigor. The following discases are among those in which the Favorite Prescription has worked magic cures, vir; Leucorrhea, or "Whi es," Exc. saive Flowing, Palofal Menstruation, Unnatural Suppressions, Weak Back, Prolapsus, or falling of the Uterns, Anteversion, Retraversion, Bearlig down. Sersation, Chronic Congestion, Inflammation and Ulcaration of the Uterns Internal Hear, Nervous D. pression, Deblity, D. spondence, and very many other chronic diseases peculiar to wowomen, but most mentioned here.

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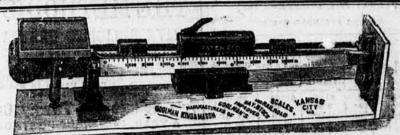
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ATCHISON, TOPEKA & SANTA FE RAILROAD. 3,000,000 Acres of land for sale. Office of the Land Department at Topeka, Kansas. A. S. Johnson, Land Commissioner,

KANSAS PACIFIC RAILWAY. 2,919.1.4 Acres of land for sale. S. J. Gilmore, Land Commissioner, Salma, Kansas.

MISSOURI, KANSAS & TEXAS R. R. T. Goodnow, Land Commissioner, Neosho Fails, Woodson county, Kansas.

MISSOURI RIVER, FORT SCOTT & GULF R. R. 375,000 Acres of Land unsold. Office of the Land Department at Fort Scott, Bourbon county John A. Clark, Land Commissioner.

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HOW TO PRE-EMPT LAND.

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 160 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 improve-ment or occupation of the land. Upon surveyed ment 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 "filing" or written declaration of intention to pre-empt, and within thirty months from filing the land must be paid for. If within ten miles of a land grant of a railroad, the price is 80 or pre-gray; outside of that distance. the 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 six months, and he must not be the owner of three hundred and twenty acres of land within the United States (exclusive of the pre-emption claim). No person can make a settlement or improvement on land for another which will hold for pre-emption. No one can hire another to live upon the land for six months in such a way as to answer the requirements of the law that the pre-emptor shall have re-sided on the tract. One land warrant can be laid on a quarter-section (160 acres) in pre-empting, but come, if the 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 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-empting. But no one can leave his or her own land in 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-

stend, unless the first was illegal. How to Acquire Land by Homestead.

Any person qualified for pre-emption can ac quire, by occupation and the payment of commission and fees, one hundred and sixty acres of land sion and fees, one hundred and sixty acres of land withheld at \$1.25 per acre, or eighty acres of land within ten miles of a railroad, and held at \$2.50 per
acre. Every homestead settler, except soldiers,
must in person go to the land office to make the
filing, 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 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 settler 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, Etc., S PER APPENDED TABLE.

	i i	COMMISSION.		FEES.	Total Fees
No, Acres.	Price Per Acre.	Payable when en- try is made.		Payable when en- try is made.	and Commis- sions.
-	\$1 25 1 25 1 25 1 25 2 50 2 50	\$4 50 2 00 1 00 4 00 2 00	\$4 (0 2 00 1 00 4 00 2 00	\$10 00 5 00 5 00 10 00 5 00	\$18 00 9 00 7 00 18 00 9 00

How to Secure a Soldier's Claim.

1st. Any soldier or sailor who has served not 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.

d. 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 residence required for securing a title provided. That he must in all cases actually reside upon the land (with his farally, 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 of the land office in person and make a declaratory statement, and pay a fee of \$2; but the soldier or sailor and pay a fee of \$2; but the soldier or sailor must commence actual settlement within six

months thereafter, and pay the regular homest ead

SHORT-HORN SPECULATION.

Upon the subject of short horn interests and

duced to embark in the speculation. They lost their heads, paid \$5,000, \$10,000 and \$20-000 for a calf, a cow or a bull, and flattered themselves that the bubble would never burst They laughed down every man who pointed to the future with warning finger, and refused to believe that there was not money enough in price asked for them, the annual produce of their herds. They sought to multiply prices with the multiplication of herds. Blinded by false lights, they risked not only their own loves that the content of the content the country to purchase, at the extravagant substantial possessions, but the estates of those held in trust by them on the uncertain sea of speculation.

It was plain to us that the speculative prices could not be maintained, and we sought to avert the impending disaster by pointing out the danger before it was too late to retreat. We were scoffed at for our trouble, and now the scoffers repent in sackcloth and ashes. Not only have there own estates been swept away; the property of widows and orphans held by them in trust has been swallowed up, and lamentations are heard on all sides. This is the worst feature of the case. These "safe" men had the right to laugh at the crokers so they placed in jeopardy the estates of widows Stock and Packing Works long as they risked only there own; but when and orphaus sciencily confided to their management they did that which cannot be too severely condemned. The tears of repeatance severely condemned. The tears of repentance which they shed to-day will not stone for their fault. Although the speculators have given the Short-horn interest a black eye, the interest is not dead. Short-horns are of permanent value to a great grazing country like [Manage City, Mo. Dec. 20, 1877.] manent value to a great grazing country like this, and they will always command a price which will renunerate the breeder for his trouble. They are lower now than they are ever likely to be again, and we should say that it is a fit time for prudent men to make investments in them. Prices have touched bottom, and soon an upward tendency will be marked. When thoroughbreds sell nearly as low as grades, the hour in which to buy has

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Premium, and the Dubuque Weekly Telegraph until January 1st 1879, postpaid, for \$1.25. Send for it, see it; try it. Specimen copy of Weekly free to anyone, Address WEEKLY TELEGRAPH, Dubuque, Iowa.

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Metal Safety Lamps; American Student Lamps: Globe Street Lanterns, can be used for either Gas. Gasoline, or Coal Oil, Pat. Portable Gasoline Burners, vaives and fixtures of all kinds. If your dealer does not keep our goods send direct to the manufacturers who will forward any of their lamps on receipt of price or by express C. O. D. Catalogne free to any address. Liberal discount to the trade and orders from wholesale buyers solicited. CINCINNATI SAFETY LAMP CO. 161, 163, 165. Pearl St., Cincinnati, Ohio.

GRASS SEED WHEAT

FOR SALE.

I have for sale several hundred bushels of Grass Seed Wheat,

A RUSSIAN VARIETY

Said to be the only spring wheat proof against the chinch w. EDSON, Topeka, Kansas.

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Manufacturers of the Celebrated Stover Au omatic Windmill that carried off the highest honors at the American Centennial Expo-sition at Philadelphia in 1876.

stiton at Philadelphia in 1876, proven by actual test to run in a lighter breeze than any other mil on exhibition; has a patent self, regulator, will stop itself in gales and start again when the storm subsides. We also manufacture the Stover Twenty Dollar Oscilating Feed Grinder, operated by ten and twelve foot pumping Mills; is a novel and economical grinder for farmer's use, will grind from ten to twenty bushels per day and pump at the from ten to twenty bushels per day and pump at the same time. All who have used them speak of them in the highest praise. Therefore buy a Windmill and Feed Grinder. Save money and make home happy. Agents wanted in unassigned territory. Send for cir-

cular.

The Countries of Osage, Jefferson, Jackson, Douglas, Wabaunsee, Pottawatomie and Shawnee having been assigned to usas 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 warehouse on A. T. & S. Fe. R. R. track at Topeka, we invite an examination of the mill. DOWNS & RICE, Ag'l Implement Dealers, Topeka, Kansas.



SIMMONS'

LIVER DISEASE and Indigestion prevail to a great-er extent than probably any other malady, and relief is always anxiously sought

simmons' or extent than probably any other malady, and relied is always anxionsly sought after. If the Liver is Regularys anxionsly secured. Indigestion or want of action in the Liver causes Headache, Constipation, Jaundice, Pain in the Shoulders, Cough, Dizzinese, Sour Stomach, bad taste in the mouth, blitous attacks, palpitation of the heart, depression of spirits or the blues, and a hundred other symptoms, Simmors' Liver Regulator for these allments. It acts middly, 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 vonch for its virtues, viz: Hon., Alexander H. Stephens, of Georgia; Bishop Pierce of Georgia; Bishop Pierce of Georgia; Bishop Pierce of Georgia; Bishop Pierce of Georgia; John Gill Shorter, of Alabama; Gen, John B. Gordon, R. L. Mott. 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 Regulator, with good effect. It is mild, and suits me more better than active medicine.

It is not the quantity eatent that gives strength, life,

It is not the quantity eat-REGULATOR

It is not the quantity each that gives strength, life, blood, and health. It is the thorough digestion of the food taken let it be much or little. Therefore, do not assist digestion after eating by taking

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

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Great Western Agricultural House. CENERAL SOUTH WESTERN DEPOT FOR THE

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As a natural result of the action of Congress in refusing to grant any further extension to the sewing machines have become a legitimate article of merchandise, precisely the same as a plow or any other necessity, and, we believe, will eventually be handled in the same way. Realizing this fact, we concluded to add them to our line of goods. We have devoted the past year to a thorough examination of the leading machines, and decided upon

THE ST. JOHN

As having points of merit which will eventually place it at the head of all its competitors—a machine we can recommend with confidence, and which we will fully warrant. It is manufactured by a corporation composed of some of the wealthlest, brightest, most prominent and successful manufacturers of our land—such men as John Foos, the Whiteleys, P. P. Mast, and others, of Springfield, Ohio.

Among its points of peculiarity are,
It furnishes each stitch independently, and before another is commenced.
It draws the under and upper thread at precisely the same moment, making a full round stitch allke on both sides, and locked in the center of the fabric.
It withdraws the needle before the thread is drawn, leaving the loop loose for the shuttle to pass through, and drawing it up without enlarging the hole made by the needle,
It holds the fabric Armity while the stitch is being finished, and does not release it until after the needle has re-entered the goods, so that there is no variation in the length of the stitch, arising from the good being left loose.

It makes no difference whether the machine is run backusard or forward, the work will always run from you, and there is no loss or change of stitch.

It has a close shuttle in one piece, with no hole to thread through, the bobbin holding from 80 to 100 yards of thread. and School Life.

It has a close shuttle in one piece, with no hole to thread through, the substitution of thread.

It winds the bobbin without running the machine; so that there is no necessity for unthreading the machine, or removing the work when the bobbin needs to be wound.

Its tensions are simple, perfect, and can be adjusted both under and upper, without removing the work. It is constructed with a simple means of taking no all the wear, so that where another machine would be considered worn out, the St. John can be adjusted by the operator and be in just as good condition as the day it left the factory.

It is flushed in the most workmanlike manner; and in style, construction and finish, is without an entirely appeared to the factory.

NO. I. MACHINE.

Ornamented Machine, Black Walnut Table, with one Brawer. PRICE, \$35.00.

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Same as above, with addition of a plain box cover. PRICE. \$40.00. NO. 2. MACHINE.

Ornamented Machine and Stand, Black Walnut Table, two drawers, Patent Box Cover, which attaches to side of the Table, forming a convenient work box or an extension top at will. PRICE, \$45.00.

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Highly Ornamented and Pearled, Stard Ornamented, Four Drawers, Patent Sox Cover, Polished French Walnut Panels and Corners. PRICE; \$50.00

NO. 3 1-2 MACHINE.

Pull Pearled. Furniture same as above with addition of extra drop leat. PRICE, \$55,00.

CABINET CASE.

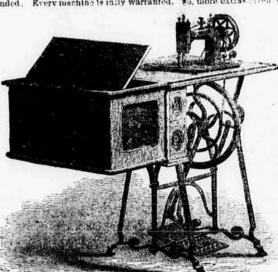
Piain nest Black Walnut Cabinet, Five Drawers, Patent Box Cover, nestly ornamented machine plated wheel. PRICE, \$65,00. No. 5. Cabinet richly vancered, machine ornamened and pentied, plated wheel. PRICE, \$70.60

No 6. Cabinet richly vancered and carved, machine full pearled and plated. PRICE, \$55.00. Buy no Sewing Machine until you have seen

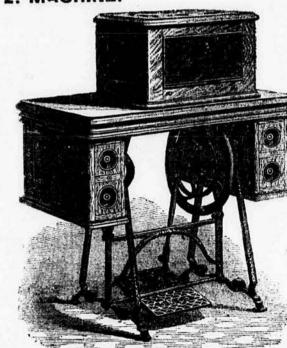
We will establish Agents as rapidly as possible. Where we have no Agents we will in order to give all an

THE BEST SEWING MACHINE EXTANT

and place each and every purchase on the same footing as those who live near us or any of our'Agents. Deliver any machine freight paid to any railroad point upon receipt of each at prices berewith annexed. And if the machine does not come up to our representations it can be returned at our expense, and money will be refunded. Every machine is fully warranted. \$5, more extrasgiven than goes with other machines



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ST. JOHN NO. 3 MACHINE.

Send three stamps for our ANNUAL CATALOGUE, containing prices and descriptions of goods in our Agricultural Implement Department, Carriage and Wagon Department, and Seed Department. Also, Professor Tice's Almanac and forecast of the weather for every day of the year 1878. Almanac alone costs 20 cents elsewhere.

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Kansas City, Mo.

Grop Notes.

SUPPLEMENT.

Wheat-winter, 70.80c, spring, 65.75; corn, 12a15c; oats, 12a15c; rye, 25c; barley, 15a35. Concordia Empire.

Corn, per bushel, 20a25c; oate, 15a20; winter wheat, 65a1 00, spring wheat, 75c; apples, per bushel, \$1 00.1 50; potatoes, \$1 00a1 20; eggs, per down, 1 a2 b; butter, per lb., 15a20c; dried buffalo, per lb., 1234a15.

New wheat, No 2 90c; No 3, 77c; No 4, 60c; R-jected, 50c; Rye, 25c; Corn, 18c; Oats, 18c; Sheep Pelts, 9c per lb; Beef Hides, green, 5c per lb; Beef Hides, dry, 8@18c per lb; butter, 20c per lb; Spring Chickens, \$1 50 per doz; Eggs, 12½c per dcz—Hutchinson Interior.

NEWTON MARKETS —Wheat, 50 to 80c; Corn, 18c; Oate, 15c; Rye, 30c; Potators, 60 to 85c; Oatons, 75c to \$1; Turnips, 20c; Eggs. 15c; Butter 10 to 15c; Turkeys, 8 to 10c; Chickens, 6 to 8c; Hides, green, 5 to 6c; Hides, dry, 10 to 12 —Harrey Co. News

Wheat, No 3, 80c; No 4, 65@70c; Rejected Wheat, No 3, 80c; No 4, 65@70c; Rejected 50 to 60c; Oats, 15c; C.ro, 18c; Rve. 28c; Barley, 15 to 20c; Putatoes, Irish, 70@85c; Turnips, 20c; Butter, 15c; Eigs, 15c; Dressed pork, per 1b, 4c; Pork, on 10ot, 3c; Dressed Poultry, per 1b, 8c; Live Chickens, per doz; \$1.50—Rice Co. Bulletin.

Butter, per lb, 12½@15c Eggs, per doz, 15c;
Lard, per lb, 12½c; Sugar-cured Hame,
country, 12c; White Beans, per bu, \$150;
Hand-picked Beans, per bu, \$2; Wheat, 90; @
\$1; Corn 20c; Oate, 18@20c; Barley, 60c; Portatoes, 50@60c; Corn Meal, bolted, per 100 lbs,
\$1; Flour, per 100 lbs; \$3@\$4; Hay, \$3@\$50.
Wood, per cord. \$2 50@\$3; L me, per bu, 30c;
Chickens, per doz, \$1.25 to \$1.50.—Oskaloosa
Stockle & Sheaf.

Flour, \$2 25 to 3 25; meel, 40c per bu ; wheat **Riour, \$2 25 to \$25; meel. 40c per bu.; wheat 80 to \$1 00; corn, 18 to 20c; oats, 20 :; potatoes, 75c; sweet, 50c; pork, on foot, 3½ to 3½c; dressed, 5 to 6½c; beef, on foot, 2 to 2½c; hay, \$2 50 to 3 00; nides, 12 to 16c; green, 6c; butter 20c; dried apples, 6c; dried peaches, 8½c; green apples \$1 00 per bu; eggs, 15c—Coffey ville Journal.

Fall wheat, \$1; Spring wheat, 75c: Corn. shippers pay 15c; Oats, shippers pay 15c; Rye. 20 to 80c; Barley, 15 to 25c; Hay, \$5 per ton; Wood, \$8 50 to \$4 for soft and green wood; \$4 and \$5 for dry, hard wood; Coal Lyou county and Fort Scott, \$5; Osage staft, \$5; McAllister, \$6 50. Cattle on foot—Butchers pay 21/2 to 21/2 for fat steers: calves, determined the state of the steers of the steers.

Butter—fresh, per lb., 10s16c; eggs. 15c; chickens—live, per dozen, \$1 25a1 50; turkevs—live, each. 50a75c; lard. per lb. 8c. Wheat—red tall, 85a1 00, white fall, 75a90c, spring, 70a86c; oats, 18c; corn—old, 20c, new, 18c; rye, 30c; potatoes, 40a75; hogs—live, per cwt. \$2 00.2 25. hidea. \$3 00a3 25; hidea—green, 5c, dry salt, 6c, dry flint, 8c; wood—per cord, \$3 00a4 00; way—per ton, \$3 00a4 00; flour—A No. 1, \$4 50, tamily, \$8 60; bran—per cwt. 75c; shorts—per cwt. 75c; corn mesi—bolted, per cwt. \$1 60; corn chop—per cwt. 60c.—Manhattan Enterprise

county under the pre-emption, homestead and timber-culture laws. Persons desiring loca-tions will readily find desirable ones if they timber-culture laws. Persons desiring loca-tions will readily find desirable ones if they some soon. Claims at second-hand with im-provements upon them can often be had at reasonable figures. All entries of government lands in this district are made at the U S lands in this district are made stering. lands in this district are made at the U S Land Office at Kirwin. Any person desiring

Land Office at Kirwin. Any person desiring

a pleasant, healthy home, where crops of all

story good frame house; frame stable; c rn-crib; saeds story good frame house; frame stable; c rn kinds make good returns, and where himself and family can enjoy the advantages of estab lished society, cannot do better than come to Phillips county-the western Eldorado - Kir-

steadily growing for the past three or four weeks, and there is scarcely a field in this doubled by the hope of an enormous yield next harvest, will sustain the hearts of all through the gloomy winter season yet to clapse before the spring time comes.—Wichita

very tame indeed, with a tendency to fall off price. Corn has been weak-a slightly falling off in price. Yet buyers are giving the same as last week. Chicago quotes No. 2 fine. \$1 30 to \$1 47. Corn, dull, mixed lots at 611/2 cents Baltimore—No. 2 wheat, from \$1 44 to \$1.47. Corn dull at 63½, cash. The eastern war has not wrought any change worth noting in the prices of grain, and posted writers on the grain markets of the world think that with the present prospects, viz: the amount of wheat on hand, and the flattering prospects of the new crop, that it will not be any higher for the next twelve months, or more.—Wichita

I wish to say a word to the farmers of Dick inson county in the interest of the Odessa vsriety of wheat. This wheat, for hardiness, plumpness of berry, and exemption from the evils to which wheat is liable, is not excelled by any variety that I have ever known. The quality is greatly improved by early sowing. It may be sown at any time, when the ground is in suitable condition, from the usual time for fall seeding to the first of April. As a fall wheat it yielded, this past season, from 20 to 30 bushels per acre, in this neighborhood. As a spring wheat it yielded from 12 to 27 bush Farmers in this community who quit sowing in the fall of 1876 on account of grass hoppers, and during the following winter and spring put out Odessa, uniformly harvested a good crop. During the summer of 1876 while the enemies were working desperately on my May wheat, and to some extent on my white wheat, the Olessa escaped unharmed. Dur-ing the past season while the white wheat was rendered worthless by the rust, and all later sown varieties of red fall wheat were more or less damaged, the Odessa came through all right. I have been growing this wheat every cast since 1874, and I have never known is damaged seriously by rust, chinch bug, worms, or, in fact anything else. I have grown it for four years in succession and have never been disappointed. I believe it to be a good thing, and therefore do not heritate to recommend it .- D. D. Baird in Dickinson Co.

Land and Real Estate

AGENCY OF-

Topeka, Kansas.

LAND. LAND. LAND. READ.

This is the LARGEST LIST of Real Estate Ever Offered by any One Firm—and This is Only a Partial List of Lands on Our Bocks for Sale.

No. 260. One of the best farms in Wakarnsa valley; 160 seres a 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. & B. F. R. R. Price \$5,000.

No. 261.

Twenty six acres; nice place, all under good hedge; good stone house; nice bearing orehar; good spring; out-buildings; 4 mil s east of Topeka. This is a nice h me, in a good neighborhood. Price oaly \$1,200. A bargain.

Righty acres, choice prairie, all under good fence and cultivation; 8 miles southeast of city; \$1,500. Plenty of range, and good neighborhood. No. 268.

Eighty acres, all under feace and good cultivation; on story ir me house, two rooms; good corn-crib. All assass river bottom. Five miles from Topeks. No. 269. One hundred and one acres, all Kaw bott'm; 75 acres under cultivation; poor house, 1% story; good wire and hedge. Three miles from city. Choice farm; \$8,00. No. 272.

One of the best farms in the county; 160 acres; 3% miles southwest of the cit; 60 acres bottom under cultivation, 30 acres timber, balance; choice slope land; good stone house; good orchard of 12 acres; plenty of living water; plenty of coal. Price \$5,500.

No. 274.

One hundred and sixty acres; all under fence, stone and rail; 30 acres timber, 30 bottom under cultivation; 11% atory stone touse; stone stable; good running w ter. Spiendid stock farm. Four-and-a-half miles from C ty. Good orchard; all for \$3,200. Can be bought for less.

No. 279.

No. 292.

Jopens; \$20. Cash and time takes it. Good stock farm. No. 300.

Jefferson county—110 acres, 5 of timber, 70 under cultivation; one story frame thous, 3 rooms; frame stable; grain bins; (Wacres under fence, hedge, board and rail, Rock creek runs through the farm. Good apple and cherry orchard; 1% miles from Meriden Station, on the A, T. & S. F. R. h., \$1.00 can run tour years. Price of farm \$2,000 chesp as dirt. Only 12 miles from Topeks.

No. 301.

One hundred and twenty acres, some timber, 30 under cultivation: 114 story frame house, seven rooms; stone stable, huy roof; corn-crib and graincry; all lenced, rall, board and hedge; good orehard; near railway station on A., T. & S. F. R. R. 10 miles south east of Topeka; \$25 per acre—perhaps less.

No. 306.

One hundred and forty acres, 8 or 10 acres timber, 70 under cultivation; 1 story and basement stone stable; trame corn-crib; 30 acres lenced, stone, hedge, board and wire; 15 miles from Carbondale; good orchard on farm. Price \$2,300. Terms to suit.

and other out-buildings; fenced in four neads, noard and wire; watered by well, cletern and creek; 2 miles noth from North Topeka. Price\$4,0.0. Will take small prairie farm for part pay.

No. 507. No. 307.

Two hundred acres, 15 timber, 80 bottom, 70 under cultivation; 1½ story frame house 16x18, 2 rooms; stone stable, hay 100f; 149 acres fenced, stone, rall and board plenty of fruit; good water, creek runs through farm; 12 miles from Topeka, 1½ miles from post office; good neighborhood. Price of farm \$3,000-cheap.

No. 308.

Here you are!—160 acres choice prairie and slope; 116 acres under cativation; all fenred, wire and hedge; fine orchard; nice grove of timber; good spring and well; 7 miles southeast of Topes, 2 miles to railway station. Tais farm is cheap at \$2,500. Cash and time.

No. 89.

One hundred and sixty acre farm, 20 bluff, 60 timber, 45 bottom, and under poor cultivation; old log and from house; ind all lenced, poor rail fence; 1,000 grape vines; small ruit (apple and cherry) orchard. Situated on the Kansas river, 5 miles west of Topeka. Can be bought cheap.

No. 310

Eighty acres bottom and slope land, 28 under cultiva-tion; stone house, 1½ story and basement; hansas stable; 3 wells and creek; 4 miles west of Topeka, Better look at this for stock farm. Only \$1,900. No. 378.

No. 378.

One hundred and s'aty acres, in Pottawatomic county bottom and prairie 40 acres finced and under cultivation good buildings; n ver-failing st ck of water; smal peach and apple orchard; s miles from St. Mary's, or Cross creek A good bargain, only \$1,600.

No. 875. Forty-four and one-third acres bottom and upland, 4% neres cultivated; % nile from Tecumsch; \$500. No. 376.

One hundred and twenty acres in Jackson county, 5 serts fence, and under cultivation; small bearing orchard; 5 nules from Wetmore. Price \$550. No. 383.

One hundred and sixty acres 'n Shawnee county, 5 acres timber, 90 cres under cutivation; all funced; good buildings; watered by a running stream; 3 miles from Auburn. A big bargain; \$3,.00. No. 384.

Fifteen acres adjoining North Topeka; ordinary buildings all fence; and under cultivation. A yery cheap place only \$1,500.

No. 336. One hundred and sixty acres in Jefferson county, bot-

tom and slope land, 20 acres timber, 100 acres under cultivation; all fenced; ordinary buildings; living aprings; 334 miles from Maridan. Only \$3,000. No. 287. Three hundred and twen y acres, all bottom land, in Shawnee county, 80 scres timber, 190 acres under cultivation; all fenced and cross-fenced; fair but dings; 3 good wells; 18 acres in orchard; watered by Deer creek. One of the fluest farm in the county. Only 5 miles from Topeka. Price \$8,008.

No. 388. Six hundred acres in Shawnee County, 6 miles from Topoka, 50 acres timber, 20 acres under cultivation, 4 acros fenced; small nouse, Price \$5 per acre.

No. 289. Twenty six acres in Shawnes county, 18 acres under cultivation, some timber; all lenced; 2 acres choice orchard; 35 mile from Topeka, Price \$5000. No. 392.

One hundred and eighty-two acres in Shawnes County, 5 miles from Topeka, 150 acres funced, 75 acres under cultivation, 150 timber; ever-living water. Very desirable; \$25 per acre. No 369.

Righty acres bottom land, all fenced and under cultiva-tion: ordinary buildings; good well and apring branch; within 1/2 mile of Silver Lake. Only \$2,40. No. 370. Four hundred and eighteen acres, on the Wakarusa, 16 acres under cultivation and fenced, 100 acres timber, small 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 per acre.

One hundred and sixty acres on Soldier Creek, 40 under nutration, 50 acres timber; never-falling stock of water;

No. 336.

No. 336.

Four bundred and sixty-two acre farm, 402 of prairie, 60 timber, 150 meadow, 170 under cultivation; good frame house, 7 room, and one good tenant house; acod barns, and other out-buildings; good rall fence; plenty of water; \$18,000. To trade for Kansas farm. This farm is situated 3% miles from Mexico, Mo.

Douglas county, 85 acres, 5 of timber, 25 under cultiva-lon, 40 acres feaced, rail feace; good spring; few fruit res; 16 miles from Topeka; \$1,000, cash and time.

No. 342.

No. 316.

No. 217, Is a cheap farm, 16 miles from Topeka, south west, 160 acres, 80 under cultivation and fenced, wire and hedge; good range and water 11, atory frame house.

No. 357.

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

One of the best farms in Kansas, 225 acres, one mile from Grantville, six miles from Topeks, 15 acres timber, 199 acres under cultivation, log house, amail board stable, corral board ience, watered by bool and well, small young orchard. Price, \$5,500; \$1,500 cash, balance time to suit the purchaser at ten per cent. interest.

No. 40c.

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

No. 295.

One bundred and twenty acre farm in Warren county. Missouri, 90 acres under cultivation, 30 acres timber—Missouri, 90 acres under cultivation, 90 acres timber—Missouri, 90 acres under cultivation, 70 acres under whole house, con-cribs and splendid neighborhood; plenty of range. Cheap at \$5,000 acres under whole house, con-cribs and every convenience, large frame house, con-cribs and every convenience, large f

Eighty screen Shawnee county, twelve miles from To-peks, five miles from Wakarusa station, No. 1 prairie land. Price \$400.

One bundred and sixty acres in Wabaunsee county sixteen miles from Teneka, good prairic land, two living springs. Price \$1,000.

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

No. 11.

One hundred and sixty acres in Wabannsee county, five miles from Dover, fimber and water. Price \$800. No. 405.

One hundred and twenty-three acres. One of the best farms in Kausss; % mile from Topeka; good log and board house; stone mil-house; corn-crib; small ordered with good hedge, board and rail; 25 acres timber; plenty of good living water; 80 acres choice land, b. tiom, under high state of cultivation. Farm overlooks the city, and the price is only \$5,000, as follows: \$1,500 cash, balance in 5 yearly instalments at 10 per cent. interest.

Osage county; S0-acre farm; 40 acres improved; box house 1420, and summer kitchen; good orchard; 400 for est trees growing; to trade for city property.

Eighty acres choice prairie near Emporia, to trade for city property or land near Topeka.

county, to trade for city or county, peka.

In addition to the above, we have one hundred thousand acres of land at \$1.5 per acre.

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

Two hundred thousand acres at \$2.55 to \$2.75 per acre.

Also have the 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. 387.

No. 357.

Eighty acres, eight miles southwest of city. Thirty-five acres ander cultivation; one-half story frame house, four rooms, good cellar, good frame barn, clatern, two good wells, small orchard, well watered by creek, a very destrable place. \$2,250 for cash; balance time to suit. No. 398.

Here is one of the best things yet. 490 acres all hottom land, 250 acres under cultivation, balance timber, in Kaw bottom, 7 miles from Topeks, well fenced with boards and rails, two good tenement houses, three good wells, ever-living spring, watered by the river. Can be made into three fine farms, and will be divided up to suit purchasers.

A splendid river by ttom farm, 200 acres, 250 acres under cultivation, and to 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 \$7,000.

Here is where you get your nice, cozy, 75 acre farm; 12 miles so uth west from Top ka; 50 acres under cultivation; 14 story store house, with basement; stone stable, hay root; good stone cor al; fenced with stone, board and hedge; good orchard, apple, peach, cherry, grapes, pears, goo eberries and maberiles; 2 wells and living apring; 2 miles from post office. Frice \$1,500; worth \$1,200. Cheap at that.

No. 31.

Here we are again with a 400 acre farm, 25 northwest of Topeka, and 5 miles north east from St. Mary's; 12 acres of timber; plenty of living water, good well; 275 acres under cultivation; small frame house; some orthulidings; 300 acres fenced, post and rail, board and wire; some orchard; all bottom land. This farm can be bought

This is one of the best improved farms on our list, 90 acres, inclosed with good hedge, 7 acres under cultivation; good frame bouse, 5 rooms; good frame barn; corneribs; splendid small orchard; good well, cistern and spring on the place; 5 miles from Topeka, north east. This is a good home. Price \$2,500; cash and time.

No. 327.

Three hundred and twenty seven acre farm, second bottom, plenty of timber; log and trame houses; 70 acres under cultivation, 100 under fence; joins Kansas river. Ought to be bought low.

Another Missouri farm, 30 acres; 3 miles from Rast Summit, Missouri; all under cuitivation; good hedge all around; well-watered Price \$2,400. Will trade for farm in Kanssa, near kmporis or Topeks, and pay some cash, ill put in house and lot, and six vacant lots, in Greenwood, Jackson county, Missouri. Here is a good chance for some one in Kansas.

No. 317.

Forty-eight acres, all under hedge; 4 miles northwestrom Topeka. A desirable tract of land; \$1,200. No. 895.

No. 21.

One hundred and lifty-three acres in Shawner eight miles from Topoka, good land. Price it per one-third cash, maintee time. No. 22. One hundred and sixty acres in Shawnes county, go prairie land, eight miles from Topoka. Price \$1.00.

No. 25.

Eighty acres in Shawnee county, two miles from Silver Lake, choice river bottom land. Price \$1,400; one-third cash, balance time. No. 26. One hundred and sixty acres in Shawnes county, seven niles from Topeks. Frice \$5 per sere.

No. 37.

miles from Silver Lake. Price 24 per acre.

No 26. One hundred and sixty acres in Wahanneee
county, three miles from Alma Will trade for mercaandfee or sell cheap for cash.

living spring. Price \$2,00.

No. 33. One hundred and sixty acres in Shawnee county, good prairie land, seven miles from Topeks Price \$500; one-third cash, belance in one and two years. No. 9. Fighty acres in Shawnes county, five miles from Wakarusa station, on Wakarusa river. Price \$500, one third cash, balance in one and two years.

No. 49. Two bundred acres in Shawnes county, four miles from Rossville, in Kaw bottom, very choice. Price

No. 40. Two hundred acres in Shawnee county, four miles from Roseville, in Kaw bottom, very choice. Price \$14 per acre.

No. 41. One hundred and sixty acres in Shawnee county, near Pauline stat on, bottom land. Price \$15 per acre.

No. 43. Eighty acr s in Shawnee county, twelve miles from Topeka, three miles from Dover, creek bottom and prairie, 1879 well. Price \$15 per acre.

No. 44. One hundred and sixty acres in Shawnee county, ten miles from Topeka, all slope and soil, plenty of rauge. Price \$2.50 per acre.

No. 45. Eighty-eight acres in Shawnee county, two miles from Silver Lake, prairie slope and creek bottom plenty stock water, good soil and the range. Price \$10 per acre.

No. 46. Eighty acres in Shawnee county, the miles

per acre.

No. 46. Eighty acres in Shawnee county, ten miles from Topeka, ionr miles from Wakarusa station, prairie land, good soil, fine range. Price \$3 per acre.

No. 55. Three hundred and twenty acres in Woodson county, prairie, good soil, lays well, good water and tine range. Price \$5, er acre.

range. Price \$2, er acro.

No. 248. Wabaunsee county. One hundred and sixtyacre farm fifteen acres timber, ninety acres under cultivation, one hundred acres ienced—hedge, stone, rail and
board, 14-story frame house, 15x52 feet, addition 1 story,
2220, Kanass stable, well watered, twenty miles southwest of Topeka. Cheap at \$2,700.

west of Topeka. Cheap at \$2.700.

No. 249. One hundred and sixty-acre ferm, eighty acres timber, sixty acres under cultivation, splenoid stock farm good 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.

No. 351. Now look here! Wabaunsee county. Eighty cres choice land, good spring. Only \$500. \$600 cash will

No. 32. Here you are! One hundred and ninety-four acres Mission Creek farm, on the Kaw river, 130 or 14 acres under cultivation and fenced, some timber. Only all 300. Don't ask us to give you a farm; this is the next thing to it. This farm is only twelve miles from Topeka thing to it. This farm is only twerte mines from 100 to 100 No. 333. And stid they come. Eighty a x acres, 30 acres timber, 56 acres under cu tivation, pole fence; poor I story frame house, 3 rooms, log house, Kansas stable, corral, chicken house, creek of never-failing water. Price \$1,200, and only nine miles from Topeka. Splendid stock 1 ange.

and only nine miles from Topeka. Splendid stock i ange.
No. 361. Forty acres, choice bottom, 2-room house,
timiner and water, nice place, three niles from city.
Price 2:00. Will trade for city property.
No. 399. You can't beat this. Eighty acres choice slope
land, 60 under cultivation, stable, hedge and board fence,
3 wells, small orchard, 8 miles from Topeka, 1½ miles
from a station and post office, desirable place. Only
\$1,800. Cash and time. Plenty of good range.

No. 20. One hundred and sixty acres, ne or 23, 10, 12, Pottawatomic country, imite from St. Marv's, all bottom, best land in Kansas. \$11 per acre. Cash and time. No. 91. One hundred and sixty acres, 8 w qr 34, 10, 18 Same as above.

No. 92. Eighty acres, a hf s e qr 23, 10, 12. Same. No. 93. Forty a res, s w qr of s e qr 23, 10, 12. Same 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. None of this land to trade for real estate east. We have a large list of other property for tale and exchange. We have a choice 160-acre tract ten miles from city. \$1 600, that party wishes to exchange for a No 1 span of horses, harness, and light two-scated spring wagon with canopy-top. The rig must be right in every

Any information in regard to property cheerfully

and promptly answered. Very respectfully yours, ROSS & MCCLINTOCK,

Topeks, Kansas. We Present, Beneath, a Partial List of Property We Have for Sale in the City of Topeka, Kansas. Examine the Prices.

No. 127. Three lots, 1% story frame house, six rooms, closets pan ry, cellar, well, cistern, shade and truit trees, lots front east, on Quincy, between 9th and 10th. \$2,000 cash and time.

No. 129 One lot, 234 Kansas avenue, 20 inches of stone wall all put \$2.500.

No. 159. Polk, lots 343, 345, and 347. \$950, cheap as dirt.
No. 132. Polk, lots 14, 16 and 18, \$125. No. 183. Topeka avenue, lot 320, \$275. To. 134. First avenue, lots 79, 81 and 83, 8450.

No. 136. Hotel known as Downers properly
Topeka, only \$1,500.

No. 139. Lot 327, Kansas avenue, \$390.

No. 141. Monroe street, 2 lots, stone house, stable etc., lots 413 to 423, \$550, cash.

No. 143. One thousand dollars buys 2 lots corner Clay and 7th street, 1 story frame house, one of the nicest p aces in the city, cistern, well, stable all complete.

No. 146 208, 310 and 352 Tyler, near Hammatt's

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

No 349. \$630 buys, on Adams street 1 lot, 4-room house in nice order, convenient to A., T. & S. F. R. R. shops. Cash and time. Reuts for \$10 per month. No. 350 Two good lots front east on Jefferson street, 3-room frame house, well, and summer kitchen on Adams street, hear A., T. & S. F. R. R. shops. Only \$550, Cash and time. Rents for \$10 per month

No. 360 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 bargalas. No. 351. Fifty-room hotel, all complete, in one of the best towns in wisconsin, 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 iands, improved or unimproved.

No. 13. Three lots on Lincoln street, between 7th and 8th, cheap, come and make us an other:

No. 14. Two lots on Jefferson atrect. Setween 1st and 2d. Make us an offer on these lots.

No. 15. Three lots on Western Avenue, between th and 5th, for \$20, \$10 a number. No. 16. One lot on Filmore, between 5d

No. 17. Grist mill, complete, in Topeka, dirt cheap, at \$10,000, cash and time.

No. 19. Six choice lots on Harrison, between 18th and 18th. Can be bought at a bargain.

No. 20. Three lots on Tyler, between 9th and 18th, on alley, front east. Only \$400 for the three lots, dirt cheap.

No. 20. Two lots same locality, front east. Only

No. 38. Three lots, large frame house complete, 7 rooms, closets, 1 antry, cellar, well, cistern, stable, truit, on Buchansh street, nice place, \$3,000.

No. 39. Lot 121, Kanass avense, cheap.

No. 42. Three lots, corner Western and 7th, \$300.

Come and make us an offer.

Come and make us an offer.

No. 48 Cheap as dirt and no mistake. One lot, 1%-story frame house, 5 rooms, closets, cellar, stable, truit, \$650, terms to suit.

No 50 Three choice lots on Filmore, corner 6th. These lots are a bargain at \$400.

These lots are a bargain at \$400.

No. 51. Three lots, 1%-story frame house, 6 rooms, cellar, pantry, closets, stable, cistern, well, etc., on 8th avenue, between Tyler and Polk, \$1,800, cash and time.

No. 61. Three best lots in city, on Harrison, front east, between 11th and 12th. Only \$1,000.

No. 62. Two lots, corner 6th and Quincy. Price and terms to suit.

No. 64. Lots 778 and 778.

No. 64. Lots 278 and 275, Clay street, \$200.

No. 67. Tenth avenue, between Tyler and Polk, one of the nicest 5-room cottages in the attraction thing complete, 2 lots, stable and cistern. This is a decided bargain at \$2,000. Can be had for \$1,700 decided bargain at \$2,000. Can be had for \$1,700 .

No. 68 is a one-story frame house, 5 rooms with blinds, everything complete, the cellar and distern, fruit, stable, etc. 1½ lots on Jefferson, near A., T. & S. F. deput Only \$1,100, terms easy.

No. 79. Eight fine lots large store house, good wel, plenty of fruit nice place, the cheapest property in that part of the chry, on Monroe, between lith and lath. Only \$1,600, lots worth every cent of the money.

No. 80. Tenth avenue, between Monroe and Quincy, 1%-story frame house, one lot, \$800, terms to suit. No. 82. Store, offices, livery stable, etc., North

Topeka.

No 88. Corner Filmore and 7th. 5 lots, 13-story frame house, 5 rooms, cellar, well, stable and fruit, \$1,200, terms to sult.

No. 91. One-story stone house, 2 lots on Monroe Only \$350. Lots worth the money.

No. 100. On Topeka Avenue, one of the most complete residences in the city, fronts east. Can be bought at a bargain. bought at a bargain.

No. 102. 38 and 40, 10th avenue, front south, can be bought for \$300. Very cheap.

No. 102. 50, 52, 54 Tyler, \$400; 184, 186 188, \$600.

No 106. One-third 140; all 142 and 144, \$500.

No 106. One-third 140; all 142 and 144, \$500.

No 110. Three lots, choice location Topeka Ave. ue, next 5-room house, blinds, plazza, stable, well, cistern, etc., \$1,250.

No 111. Here is one of the best bargains in the sity. Fine residence, cistern, well, stable, etc., corner lot, fronts east. Can be bought for \$2,000, cash.

No. 112. Three of the finest lots in the city now of-ered for \$700; corner Topeks Avenue and 11th treet; front east.

No. 113. This is a decided bargain. Que lot on yler street; nice 3-room house, with basement, llar, well and cistern. Only \$550. Terms easy. No. 120. Fine resi ence on Topeka avenue, trade for other property or good farm.

No 121. Another frame house in same block to trade for farm No. 122. One lot on 4th, two-room frame house, 500. trade for lots.

No. 12s. One of the nicest places on Monroe street, 2 lots, front east, seven-room house complete, well, clatern, stable, etc. Only \$3.000, terms to suit. No. 355. Two good brick business houses in Mt. Vernon, Illinois, to trade for Kansas lands, farm or city property in Topeks. Mt. Vernon has a population of 3,000, county seat of Jefferson county. Price of property, \$12,000 Stores reut for \$1,100 s 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 Topela, or within one mile or two of city.

No. 361. One of the finest residences in the city for \$4.50.

for \$6,500. No. 362. Another fine residence on Harrison street,

No. 382. Another me residence of survey of the survey of t

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

No. 366. N we have you! 24 lots, corner Buchanan and 6th avenue, with good eight-room house, \$1 560 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, lor taking the property. S. T. R. Acres. Price

No. 135. VanBuren street, lots 62, 64 and 66, 8450.

No. 136. Hotel known as Dowdell property North
Topeka, only \$1,500. No. 144. Now we get you! Corner 8th and Quincy, 29 lots, nice residence 7 rooms, stable, fruit and shade trees, right in the heart of the city, only \$2 500, this is a bargain and no mistake.

No. 145. Here is a place for a railroad man, 2% lots. 1% story 8-room house, all complete, on Jefferson street, between 6th and 7th, fronts east. Only \$2,000. Cash and time.

ing to move to Kansas, or from persons desirous of making investments Address, ROSS & MCCLINTOCK

Topeka, Kansas.

Topeka, Kansas.

Wheat, Red Winter, No. 2 85c; No. 3, 75@ 80c; No. 4 65@70c; white winter, No. 2, 85c, No. 3, 75@80c, No. 4, 65@70c; Spring, 60@70c. Oats, 12c per bu. Rye, 25c per bu. Corn, ear, 15c per bu; shelled, 15c.—Salina. Co. Lourner.

NEWTON MARKETS -- Wheat, 50 to 80c;

Sickle & Sheaf.

pay 21/4 to 21/2c for fat steers; calves, 3c; sheep, 31/2c Hogs on foot, 31/4c; dressed, 41/4c.—Emporia News

Considerable land may yet be secured in the

win (Phillips Co.) Progress. Wheat in the Arkansas valley, has been county, no matter how late sown that is not thickly matted over with well-rooted and stooled plants. We hear of no danger of jointing, and consequently no danger from irecting. The prospect, so far has never been so favorable. This feeling of satisfaction

The wheat market for the week has been

No. 330.

Three hundred and twenty acres, 65 under cultivation old log house for fencing; 18 miles south from Topelas Price \$2,500. C... be bought for less.

No. 331.

Here is a good tarm, 188 acres, 30 timber, 60 under cultivation; 2 story stone isouse, 27x29, all finished complete to the control of the

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

Eighty acres prairie, 12 acres broken; all fence and pole fence; good running water; 12 miles Topeka; \$709, cash and time.

No. 337.

Eighty sere Missonri farm, 70 under cultivation, 10 in cimothy; 1½ story frame house, 5 rooms; good outbuildings; corral; plenty of good water; 500 to 600 fruit trees, all kinds; 10 miles from West Line, on M., H. & S. R. B., 3 miles from Brosley, Mo.; \$1,600. Trade for a sn-

Righty acres, Jefferson county, choice prairie, 40 under plow; all fenced, rail and nedge; small log hous; i miles from Meriden, 4 from Grantville and 10 from Topeks Price \$1,000.

No. 341.

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

One of the best stock farms in the state, 320 acres, 60 under cultivation; good 2 story stone house, 24x28; corners, and Kansas stanle; all fenced, board and hedge; plenty of water and good range; joins Kingville, on R. P. R. R., 16 miles from Topeks. Can be bought cheap.

Eighty acres in Shawnee county, nine miles from To-peks, one-half mile from post office, good land. Price \$60; one-third cash, balance on time.

80 acres timber land, near Mt. Vernou, Illinois, rade for Kansse property.
No. 97.

No. 96.

One hundred and sixty acres near Hartford, Lyons ounty, to trade for city or country property near To-

No. 400.

No. 320.

One hundred and forty five acres, 30 timber, 75 under cultivation; good stone house, 6 rooms; rail fence; plenty of running water; 55 rules from city. Can be bought at a bargain.

Righty acres, 7 miles from Topoks, 20 under entitivation; stole and post and rail fence; good five reomed house; stone corral; good well; 1,000 peach and 75 cherry trees, all bearing. Here's your chance. Only \$1,300.

SUPPLEMENT.

Facts and Figures from Kansas.

LETTER FROM MIAMI COUNTY.

We had a few days of sharp, freezing weather the last of November, and about a week of sunshine the second week of Dec. since then it has been cloudy and light rain and mist with warm weather has prevailed, but we are having the first snow to day. Wheat has made a good growth, but the most forward has both rust and fly; wheat has been a success here the past two years, the farmers claim an average of 20 bushels hogs. I am a Greeley man and make a swine per acre; I think the acreage is onethird more now on the ground than the last crop Pork has been paying so well that farmere have not given that attention to wheat-raising as they will probably do hereafter, as the price of pork has gone down to \$3 and 3 59. and cholera is holding a perfect carnival in this county. I am surprised that farmers do not see the advantage of baconing their own pork; any farmer that can secure vessels that will hold brine can make better bacon than that made at the packing houses, and know that he is eating bacon from healthy, pork The apple crop was very fine, many new orcharue came into bearing the past season, and the quality of fruit was very fine. Many fami ilies have apples laid up, which they have not had before. Stock of every kind is doing well. Corn is 22c from the fields, old corn 27c the crop is probably one-fifth ligh er than the previous one, and the quality of the early corn is very good but the late is poor. Quite s large amount of unimproved land has change ed hands during the past fall, being bought of speculators by parties who will cultivate it ; price generally about \$6 25 per agre. The breeding of horses and mules, cattle and awine has been very remunerative up to this time, especially animals of large size; we need larger draft horses for our large riding plows, which is far superior to the small plow for the proper cultivation of land. Price of horses ranges from \$75 to 150; cows, \$30; 15.hand mules, \$160 to 175 per span. Potatoes 50c; butter 121/2c; eggs 121/2c. Cattle seem to be the most desirable just now, and are in great

demand.

Of apple trees, their care and treatment generally, we have read much and learned but little except by experience, e pecially in regard to pruning to raise an orchard that will be thrifty and long-lived. Large pits should be dug, the larger the better, and filled with compost and the tree set in the centre and leaned several degrees to the southwest to prevent sun-scald ; this precaution is very impertant, but if pits are discarded the next plan is to plow where the rows are to be set the fall previous to planting, so as to leave a dead farrow as deep as possible. Any team can make one 15 inches deep; in the spring fill up the furrow, and plant two inches deeper than the trees stood in the nursery; plant 16 feet each way and mulch, if possible, the first year, and plow the ground outside the mulching. up and down the descent, always throwing the dirt towards the trees, leaving a dead furrow equi-distant from the rows; but do not if they are properly treated. I believe the throw much dirt against the trees at first, Berksbire hog is taking the lead, though the but by degrees till the earth along the trees is from 8 to 12 inches higher than at dead furrow. If you plant peach trees between you will probably get several crops of peaches before they will crowd the apple trees, and their presence is a benefit, and when they begin to crowd the apple trees cut them out and the timber wilf pay for all the trouble. When the apple trees crowd each other, cut out every other one, and your trees will then be 32 feet apart, and those you destroy will by that time have paid for themselves many times with their apples and their timber will pay again. The first limbs of trees should be less than 3 feet from the ground and not much more for the first 8 or 4 years. Two rows of potatoes or small patches of sod broken up; now there beans might be raised between the rows of trees. At to pruning, we cannot impart that houses are built all over the county. Good understanding of the method that is desirable crops are raised, fine young orchards are It must depend mainly upon individual judgment, but is very inportant; it was so understood by the ancients, who used their pruning hooks. Mutilation will produce bearing; where the mutilation is great trees will some times bear a heavy crop and die. If a tree is permitted to grow till the top becomes thick and the inner branches die for want of sunlight and air, its is self-mutilation, and does not produce bearing, but a sickly condition of the tree; but if bearing does take place in this natural condition of the tree, the fruit will be inferior in size and quality. But let the knife be used freely just as the sap is besooner than when made at any other period. I said freely, that is to the extent of keeping

borer, and to prevent his ravages we turn up butter, 20c per th; eggs, 16c. per dez; poul-

beetle deposits her eggs, causing them to be dred. placed on the tough bark of the tree, that is We have no railroads in this county as yet, where the bark has not become soft by the Our nearest railroad points are Ellsworth, Bos. earth lying against it, and as the summer rains land, Salina and Solomon City, fifty to sixty wash the little mounds down, as they do very miles off on the Kansas Pacific line. A great fast, the eggs or larvæ, as the case may be, is deal of the grain of Solomon valley is hauled carried away, but occasionally some will find east to Clay Center and Greenleaf, seventytheir way through the bark and must be fol- five and eighty miles from Beloit. The proslowed with the knife. If one goes straight pects now are good for getting railroads up into the tree, I drive a large nail into his hole the Solomon valley to Beloit, before next and he will no longer injure the tree. We use year at this time. The Kansas Pacific comsoap for rabbits, it is a success, but a piece of pany is building a branch from Solomon City sheet from set around the tree and the dirt up the valley to Beloit. It is to be completed the end; it is a cure for rabbits, borers and

pasture of my orchard, to a certain extent. Louisburg, Dec. 29, 1877.

LETTER FROM ALLEY COUNTY. EDITOR FARMER: To the numerous friends of the FARMER I send greetings for the New Year which will doubtless have reached us betore these lines shall have been transformed into legibility by the hand of the printer. Well, as to weather we are having plenty of it at present, as it has been snowing and raining, and raining and snowing for the past 3 or days, and I leave you to draw your own conclusions as to the condition of our public roads as the weather is not cold enough to admit of carrying water in a tin seive. Winter has been remarkably open, this being the first coel weather since November; thermometer stood at 32° this morning, at present writing. noon, at 40. Hog market is level, fat hoge commanding \$3 25, not much money at present in that kind of business. Dealers are mostly holding for better prices, which will probably come with colder weather. Corn is holding at 17c in shipping markets, but from the fact that we have a number of heavy stock teeders among us, we are able to market most of our corn at from 20 to 22c. Is it not a fact more stock is being ted in the state the presnet winter than ever before ? And will it not stand us in hand to be carefull not to sell our selves short of a year's supply of corn?

Winter wheat and rye were never in bette. condition than at present; acreage 25 per cent above last year. Fruit buds are all right so far, I think.

Will it pay to put down a piece of land to imothy or clover, where prairie grass can be had for 50c per acre? I wish some one would give me, through the FARMER, the plan of a grain and horse barn, costing \$400 or 500. D. D. S.

Iola, Ks., Dec. 23, 1877

From Marion County. Jan. 1st,-The wheat crop of this county looks better than it has for years, though it was not farge as it was mostly late sowing acreage not large on account of scarcity of seed last fall. There will be a large amount of spring wheat sown in the spring. Cattle, hogs and sheep are wintering well; there is over 1500 head of sheep wintering within three miles of Peabody. There is no disease as yet that has been heard of among stock; there has been no cholers among the hogs. and we do not think there is any need of any Poland- Chinas are favorites with some. Corn is the largest crop ever seen in the county ; yield 30 to 70 bushels per acre, price 20c Oats 20c; wheat 80c; rye and barley 15@20c; potatoes \$1; butter 20; per lb; eggs 20c dozen. weather has been wet and muddy for the last two weeks.

LETTER FROM MITCHELL COUNTY.

state, perhaps, has there been a greater change, in the last few years, than in Mitchell county. When I first came, in 1873, it was very thinly settled. Here and there a few scattering dug-outs could be seen and a few are splendid farms in every direction, and fine growing up, and any number of young forest groves are springing up everywhere, which is a great improvement to the country. The native timber in this part of Kansas are of the following kinds: cottonwood, elm, box-elder, ash, walnut, oak, hickory, etc, Coal has been found in different portions of this county, and good beds of coal have also been found in some of the adjoining counties. Fruit trees seem to do well here. A good many peaches were raised in this county this season. The orchards are young yet. I am of the opinion that in a few years we will have plenty of all kinds of fruit. Here we have soil as rich and coming flush, then the woody part of the as productive as can be found anywhere in the wound will dry and season and heal over much state. Vegetables of all kinds were raised in abundance this last season, and our small grain and corn were the heaviest crops ever the top thinned out with the destruction of raised in this part of Kansas, with the excepwhat are called water sprouts. Go over your tion of one kind of fall wheat, called the orchard every lepring and anticipate the White Michigan, which was struck with rust growth of branches, and den't allow those that about the time it was filling, making it a are to remain to be close together. Some- light crop. Much of the wheat was not cut, times it is best for the shape of a tree to let a but I harvested and threshed mine. It yielded branch remain a year or two that will have to about 131/2 bushels per acre. Other kinds of come off, but never cut the ends of limbs much fall wheat averaged from 20 to 40 bushels that will rot the tree at the heart and other- per acre; spring wheat from 16 to 30 bushels; wise stant the tree. In a journey in 1866. oats, 50 to 75 bushels; rye, 35 to 30 bushels; from Rice county, Minn. through central lils', corn, 40 to 80 bushels. I venture to say that and into central Iowa, I noticed that the bear- there was three times as much corn raised in ing orchards showed pruning, while most of Mitchell county thin year than any previous those that showed that they had been neglect year. It is selling at a very low price, 1214c, at Beloit; wheat, 50 to 60c; oats, 16c; rye, A very troublesome pest is the apple tree about 16c.; potatoes, 35 to 40c. per bushel;

dirt around the stem of the tree before the ry, 5 cts. per lb.; pork, live, \$2 50 per hun-

thrown up against it is much the cheapest in by the 4th of next July, and the Central Branch from Atchison is about completed as far as Concordia, thirty miles east of Beloit.

The Solomon river has magnificent valleys, good water power, and splendid grist and saw-mills are finely built all along its banks. Beloit is aplendedly located on the river, with a population of, if I mistake not, between 800 and 900. It has a large grist-mill and saw. mills, two hotels, and does a thriving business J. T. CREITZ. generally. Beloit, Kansas

LETTER FROM DICKIASON COUNTY.

A clear, cool atmosphere, after two weeks of rain and mud, is a welcome change. The corn-crop, of 1877, in this county, is the largest ever known, and the fine weather we now er joy, will give us opportunity to secure it. Our farmers are rapidly awakening to the fact that diversified farming is the true method Wheat has been, and will perhaps continue to be, the principal crop of this vicinity, but farmers are learning that it will not do for their sole reliance-too many uncertainties about it. A good crop, high priced, make it the most profitable crop known, but poor crop and low prices are just the reverse. Never perhaps, did men more fully realize this fact han do the farmers of Dickinson county at this time. Most of them planted corn on a larger scale last spring than ever before, and they now find that a thousand or fifteen hundred bushels of corn and a tew fat hoge Although both are low priced, they are con venient to assist out of a tight place.

The fall sown crops never presented a better appearance on New Year's day than they do on this first day of January, 1878, and this added to the fact that a thrifty start in the fall has always been followed by at least a fair crop, is awakening high hopes among the

people of our county. And now, hoping that your readers will remember that they must think as well as work, we close by wishing "A Happy New Year" to all who read this note-from

From Shawner County Dec. 29 -- In reply to A. T. Leas' query of Dec 17, as to "what is the matter with my pig," I would state for his information and others, that I had a pig when three months old afflicted the same way, and I immediately slit the right ear and cut half the tail off so as to bleed well. I was also recommended to put sweet oil in the ear, and in a few hours after this treatment the pig was entirely well Probably, as your pig was older (fourteen months) and longer standing, much longer and more severe treatment would be required. the oil must be pure, and warm enough to permeate to the interior of the ear on the affected side. May it not be that the oil you used did not go in deep enough to affect the C. H. B.

The Roard of Regents of the Agricultural EDITOR FARMER: In no one county in the College met last Wednesday at 2 P M, all the members present, and remained in session until Thursday evening, transacting a large amount of business. Hon. T. C. Henry, of Abi, lene, Dickenson county, took the oath of office, having been appointed to the regency vacated by the resignation of Lieut Gov. Salter. Regent Lawrence was elected president of the Board, in place of Gov. Silter, and R gent Wood vice president. The plans for the new building, submitted by E. T Carr, architect. were accepted, and the executive committee ordered to advertise for proposals. In addition to purchasing school district bonds at the highest market rate, the loan commissioner was authorized to invest in safe county or township building or bridge bonds. After a very pleasant session, the Board adjurned to meet Tuesday, February 12th, 1878, 7 P. M.

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Form your clubs and send them in at once 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 positive ly contribute for the farmer during 1878.

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