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FAMILIAR FARM TOPICS.

JAS. HANWAY. NO. XXXV.

A PLEA FOR DUMB ANIMALS.

The farmer who labors to support himself and family, performs a duty he owes to his family and to society. But his relation to society does not end here. Every industrious farmer is the owner of stock; these animals are deare not machines, void of feeling and sensation as the French metaphysician, Des Cartes, attempted to prove, but they are subject to disease by illitreatment, cold, hunger, and pain the same as human beings. The laws of anithe interests of the farmer, that they run together in parallel lines, though some, apparently, seem to disregard this fact, neglecting to provide proper shelter and food for their stock during the winter months; but they pay dearly for doing so.

Independent of a pecuniary consideration, there is a higher claim: that of the common law of humanity, and as citizens this calls on us to exert ourselves to do everything in our power to lessen the sufferings of the poor, dumb brutes which claim our care and protection.

Strauss, the German writer, in his recent work, "The old faith and the new," has a striking passage on this subject, he says :

"The manner in which a nation in the aggregate, treats animals, is one of the chief measures of its real civilization."

What a happy reformation would take place in every school district in the State of Kansas, if we honestly believed that our treatment of animals was a chief mark of our onward march to a higher state of divilisation.

We manifest a just pride in the generous spirit which has erected a school-house in every section of the settled portions of our young State. Our crowning effort would consist in cultivating a Christian spirit of humanity, to mitigate the sufferings of the dumb animals which are entrusted to our care. Mr. Bergh, * of New York, has performed a noble work in behalf of the cause of humanity and civilization. We have often thought that a few of like character scattered in every town call the attention of the people to this subject. Our cattle would not then be seen standing without shelter in the cold snow storms and at the mercy of the pitiless, piercing, winter winds and rains. Neither would we witness. in the hot summer days of July and August, calves confined in a small pen, exposed to the hot rays of the sun, without even a little brush to break the fiery heat of the rays.

When we travel over the country and witness these painful sights, we cannot but recall the words of Rosseau, when he said: "Man, be humane ! it is thy first duty ; can there be wisdom without humanity?',

*Henry Bergh recently, in speaking of the work of the Society for the Prevention of Cruelty to Animals, said that little attention had been attracted to the moral influence of the society, It strove to lead men to take care of their dumb servants, as well as to pre-vent cruelty. In this way the society, work expedded to take care of their dumb servants, as well as to pre-vent crueity. In this way the society's work extended beyond animals, for he had invariably found that where a man had shown crueity to animals, he had shown worse crueity to his wife and children,

POTOMAC FRUIT GROWERS. At a late meeting, Mr. Judson S. Brown, read a paper on The Centennial and its Relation to Fruit Culture, from which I give your readers some extracts.

To the fruit growers of three score years, who were able to attend the Exposition, no department would appear to have made great er progress during the past century, or have richer offerings to present as the trophies of practical science, and persevering industry, than those in Agricultural and Pomological Halls.

Applying the law of comparison to fruit culture, how impressive the lesson taught! One hundred years ago fruits were few in numbers, poor in quality and limited in variety; stated, over my name. even later, within my own remembrance, very little interest was felt either in their culture four or five varieties were the sum total of our summer and fall fruits; while the Bald- law of their Grange. win, R. I. Greening and Roxbury Russet were the only standards for winter use. As for pears, plums, peaches, cherries, grapes, being considered a very moderate supply for to which he or she may apply for member.

the year's consumption. And latter, in the ship, which fee shall in no case be less than view of many, the nation was on the verge of ruin from the effects of intemperance.

Philanthropists, clergyman, and statesmen sounded the alarm and counseled total abstit nence as the only safe-guard. In this prohibition cider was included.

Under the magic power of these appeals the moral sense and feelings of the whole na- Order; citation issued requiring him to aption were stirred, and as the result, hundreds of thrifty orchards were cut down lest the had, and course pursued in the prosecution pects for wheat is fine thus far. Our county pending on him for food and protection. They owners again were tempted to turn the fruit of the case, in all respects, as if he were a into cider.

While many lived to regret the rash act and utter folly in destroying these beautiful orchards, yet the moral courage displayed in removing the temptation, and the self-imposed mal economy are, fortunately, so blended with sacrifice of a habit in using a beverage so cheap and so common, out of regard to person- above named officers will take pleasure in al safety and the public weal dignifies both giving all desired information relating to said the men and the act, and stamps them as the moral heroes of their day.

According to official data, some six millions of acres are now devoted to the growth of fruits and the annual product is beyond our means of computation thus showing the adaptation of our soil and climate to produce a full supply for the general market.

The exhibition of fruits, discussions, etc., at the Centennial will result in scattering far and wide, valuable thoughts and suggestions, quickening the public pulse, and improving the public taste, until "the desolate and solitary places," in our land, where neither fruit nor flowers now are nurtured, shall, ere long, 'bud and blossom as the rose." G. F. N. Washington, D. C. 1877.

LETTER FROM MASTER OF STATE GRANGE.

EDITOR FARMER : Under existing circum stances, and in view of the very generally expressed desire of unaffilliated members, to be restored to good standing in our Order, and to membership in some supordinate Grange, it becomes neccessary to make known and publish for the benefit of those interested and for the information and guidance of all subordinate Granges in the State, the following, to

First, Members who have become unaffillisted by reason of the suspension or repocation of charter of any subordinate Grange, can join any other Grange in the following manner, to wit: They will first ascertain and pay into the Treasury of the State Grange, through the State Secretary, the amount due from them respectively, to their subordinate Grange, at the time of such suspension or revocation of charter, together with fee of twenty five cents. The Secretary of the State Grange will then issue to each member so reporting a certificate of the fact that his Grange has ceased to exist; that the member was in good standing at the time of its suspension, and was either clear of the books or has since paid his arrearages to the State Grange, which said certificate, shall, in all cases, entitle the holder thereof, to all the rights and privileges secured to any member by a dimit, and will be received with application for affiliation in lieu thereof,

Second, Members of dormant Granges shall be dimited by State Grange upon application to Secretary thereof endorse by Master and Secretary of any working Grange or on the recommendation of General or county Deputy, upon payment of State dues upon individual members asking for dimit, from date of last quarterly report of subordinate Grange and dimit fee of twenty-five cents.

The above rulings have heretofore been published in the Spirit of Kansas, and Kansas FARMER; but in order to cover the en/ tire ground and anticipate and answer many questions which may arise, I have thought 41/2 cts. per pound. Sheep \$2 per head. We best to reprint, in this connection. I also desire to call attention of officers and mem. general merchandise store at Bull City. bers of subordinate Granges, to rulings of executive committee, relating to delinquent and dormant Granges, published as above

Third, Members suspended or dropped from the roll of any subordinate Grange, for or improvement. A few small gnarly apples, non payment of dues, may be re-instated upon such terms as may be prescribed by the By-

Fourth. A member holding a dimit for one year or more, shall be considered an "ancient Patron," and may be admitted to memberstrawberries, etc., few, but those growing wild, ship in any subordinate Grange, in this State or with the most indifferent cultivation, were (subject to the same form of application and found at home or in the market. The princis ballot as a person applying for the degrees) pal object in planting an apple orchard was upon the payment of such membership fee to furnish cider for home use. Twenty barrels as may be fixed by the By-law of any Grange

one dollar.

Fifth, A member holding a dimit, is reswhose jurisdiction he may at the time be; Our county is at present supplied with mud develop. The mone Charges may be preferred against any such member, at any time, for any violation of few pleasant warm days of last week served edicar exists here. the laws, rules, regulations or usages of the to hatch out young grasshoppers in large pear and answer, and the same proceedings are we to see them, for at present the prosmember of such Grange.

The Kansas State coroperative association has been chartered and a temporary organization effected with M. E. Hudson, Mapleton, Bourbon co, Kansas, President, and A. T. Stewart, Kansas City, Secretary. The

A. T. Stewart, State Agent, Kansas City, will furnish all information taked for, in re-lation to the purchase and tale of all farm to fight them. But if the present warm weathimplements and other supplies, as well as WM. SIMS. Master K. S. Grange. the sale of products.

P. S. Papers friendly to the Order, please

THE TAME GRASSES.

EDITOR FARMER :- I have noticed some talk in the FARMER of the diffculty of getting a good stand of the cultivated grasses and also some erroneous statements as to eastern farming, so I thought I would drop you a line, giving my experience in the matter, hoping that it might possibly benefit some one. I was raised mostly on a farm in the White Mountains of New Hampshire, and am familiar with the methods of farming pursued in most of the New England states. The method of seed ing to grass there, is to put about as much clover (in bulk) on the ground, as timothy seed, and it is then well barrowed in. The ground to be seeded, is usually sown to oats or wheat which protects the tender plants until they get a start. The clover will die out after a few years, leaving the timothy in possession of the ground. I have not found any in this country that are inclined to believe that the trouble of branching at the roots, of which one of your correspondents complains, may be obated by cutting the grass a little earlier For instance : The old farmers used to wait until the grass (Timothy) was thoroughly ripe before having, but experience has led them to see that earlier cut hay is better, both for stock and the sod ground, and now the farmers near. ly always commence on their timothy fields while in bloom, and the go-aheads are commencing still earlier so as to cut the hay be fore the sugar in the stalk is converted into woody fibre. It has been my experience that seed and good hay cannot be obtained off the same ground the same year, and if the grass is allowed to go to seed it will always grow in branches.

The wheat crop looks well for the season we shall only have about half a crop in this county on account of the nimble grasshoppers who is, or rather his children are batching out fast; in fact we look for a full crop of the critter, but hope some of them will fall victims to the inclemencies of the weather. YANKEE.

SHORT LETTERS FROM FARMERS IN KAN-BAS.

Osborne County.

Feb. 7 .-- Winter wheat and rye is better than usual; some pieces damaged last fall by chinch bugs. About one-third to one-half more done than usual. Stock in general is in fine condition. Average price for horses \$85. Milch cows \$25. Hogs 5 ets. net., stock hogs stand in need of a first-class hardware and

C. P. WARE. Morris County.

Eeb. 13.-The prices of shipping stock and hogs are lower. Hogs gross from 41/2 to 41/2. There are several parties that have fed from 40 to 200 head of steers during the winter and a number of them have wasted enough corn to have purchased two mills for grinding. I sold a mill to a feeder last week, and he acknowledged that it made him sick to go into his correl and see the corn that was going to waste. There is no market as you may say for butter, but that which the small town affords. The general quality of the article not the former, both are being rapidly extended. warranting shipment both from neglect of the which the butter is worked and salted.

J. W. MERCER.

Your ever valuable weekly paper co hand as regular as clock work and its pages ponsible for his conduct, to the Grange in are full of valuable information to one and all. quantities hereabouts and pleased at this time is gradually getting stocked with fine stock of horses, cattle, hogs and chickens and the Kan SAS FARMER is a great aid in this respect too. I have a four acre patch of strawberry plants, and if the season proves O. K. I expect great results next June. W. F. SWIFT.

> Jewell County. Feb. 14 .- Winter wheat looks good. Owing to the 'hoppers last fall, there was very little sown. Grasshopper eggs, plenty, and so far seem to be in a perfect state of preservaer continues for a while, it is thought they will hatch and die before seeding time. Wheat is

> Government land is nearly all taken. Improved land can be had at \$300 to \$1,200 per 160 acres. Location and improvements JAS. MCCORMICK. governing price.

Marion County Indiana. Feb. 13.—Twelve M. mercury 400 above zero, weather clear and pleasant. Fall wheat looks well, no spring wheat sowed in this county. We had a good corn crop last year. Wheat very poor and makes no good flour. We get our best flour from St. Louis. I understand that the wheat is raised in Kansus.

My seed cats that I sowed last year was shipped from Iowa, I paid 60 cts. per bushel here.

Of the past.—Necoho Free Press. We get our best flour from St. Louis. I un-No hoppers in this county. I have a pig 4 months old; weighing 140 fb was offered \$100 for him; he is from Nevada, and by Perfection. I paid \$325 for Perfection a Poland-China.

JAMES MUSTARD.

Doniphan County. Feb. 4.-For two weeks past the weather has been pleasant, the thermometer ranging from 50 to 580 above zero, for about six weeks previous to that time the thermometer ranged from 10º above zero, to 5º below with but few not all gathered yet; the yield being unusually large. No fall wheat in the northern part of this county. All kinds of stock are looking well. A few cattle have died, the owners claimed that they died of disease, but I think they died for the want of proper treatment. I have noticed that when cattle were turned into a fresh stalk field, where there was no straw or water, they would sometimes take the dry murrain. The hog disease has abated, A great many have died in this county, leaving Beacon. stock hoge rather scarce. I will give my ex- Grasshoppers are really hatching out, Henperience in treating the disease : I put one bushel of bran in a wash-tub, then added four gallons of water, 1/2 oz. of cayenne pepper, one table-spoonful of concentrated lye dissolved, one spoonful of assafetida. With this treatment the disease abated and our hogs have seemed healthy since. People generally think that the grasshoppers will destroy all of our crops this coming spring. There is a little worm destroying the eggs. Although we feel very blue about our prospects, we intend to plew and plant as usual, and fight them all we can; it is our only chance for a crop. M. C.

Billio County. Feb. 10.—Our county of Ellis was near the middle of the "great American desert," while that myth extended eastward to the Missouri river; later our region was known as "the plains." It now is truly the great homestead region of the west, with as good soil probably as any part of the state, and as good opportunities as are to be found on the frontier, from

the Gulf of Mexico to the British Possessions. We are now making our first Extended trial with winter wheat, and have about sixteen hundred acres in the east half of the county which is looking very well. It was sown mostly on sod, and from August 20th to September 15th, and just after the grasshoppers left us, these pests deposited no eggs that I know of within 60 miles of us. We favor the legislation for their extermination. We have good school and church privileges at Hays City, the county seat, more especially

Cattle live here upon the range all the year care of milk and cream, and the manner in round without any hay or grain. They are now in good condition, except some driven in late, a few of these may die, but the percent-

will be small. A mill is needed, and Big Crock flowing through the central part of the muty, will furnish a good permanent light water power that it will pay so develop. The money loaners have not yet made a raid upon us; hence, but little indebt-MARTIN ALLEN.

THE KANSAS PRESS.

The ground is in good condition, and farm-ers are busy sowing spring wheat.—Kirwin

Some of our enterprising farmers are now afraid that they will not get their corn gathered in time for another crop.—Wilson Co. Cit.

The wheat generally looking well and beginning to grow. The drilled wheat is especially good looking.—Junction City Union.
Drills have been busy the past few days. A
large amount of spring wheat has been put in.
The Odess seems to be the tavorite wartety
and brings \$1 25 a bushel.—Absiane Chronicle.

There was shipped from Clay Center during the month of January, one hundred and savan ty-five careloads of produce.—Clay Co. Disputch.

The recent warm weather has had the effect to remove from the minds of the farmers all worth 80 cts. to \$1.00 per bushel. Corn from apprehension for the growing wheat. The fields are now green, and the prospects for a good crop were never better.—Oxford Inde.

We observe that the farmers are very much behind with their work; corn to gather; scarcely any fall plowing has been done; and many have their small grain yet to thresh.—Sickle

The weather of late has been unfavorable for the wheat crop, too much thawing and freezing naturally tends to lift it out of the freezing naturally ground and leave the roots exposed to cold and drouth - Western Progress.

Wheat begins to resume the appearance of

Do Hogs Pay ?-Calvin T. Lewis, of Pike township, informs us that he has sold the increase of one Poland-China sew in the last twelve months—two litter of pigs—for \$59 55.

He now has left the sow and four pigs, three months old. We call that paying business.— Emporia News.

The amount of farm machinery sold in Salina last year, is a good test of the agricultural capabilities of this county. So far as we can learn, 250 reapers and headers were sold; 15 threshing machines, and other things to suit. -Balina Advocate.

Considerable wheat was sown last week and harrowed in ; we also hear that plows were in motion on a few farms. The frost is out hardy sufficient to admit of much enterprise in this direction at present. Another week of this spring weather, however will remove all betacles - Blue Ranids Times.

It is of daily occurence to hear the farmers congratulate each other on the condition of the wheat. If one can believe them, never was there such a rapid growth, at this season of the year. Even the broadcast wheat which was generally considered a failure, is coming on in a most encouraging manner. - Wichita

ry Legler says the little fellows are lively on the railroad track, by the the Oak Hill Mills. So statements come to us from other quarters. But then our first lesson in logic was to define clearly the difference between "some" and "all." Some is not all. But some hatched help. And some are eaten by the worms, and some remain. So hold the fort and keep our powder dry .-Jefferson Co., New Kra.

The prospect for fruit at this date was never more flattering. The unusual low tempera-ture of last November, with the increased and continued cold of December and January has had a favorable effect, in preventing a premature developement of fruit buds up to date, and thus preceded by an unusually vigorous wood growth of last year, amply sustains the expectations of a good fruit crop.—Chanute

R. S. Lang weighed a half-blood short-hern calf, on Monday ten months old, that turned seven hundred and eighty-five pounds. He come of a full blooded short-horn bull owned by Mr. Park, of Platte county, Mo. The dam was an ordinary heifer, two years old. The calf has been stall fed nor received any extra care or attention, and we call it the best weight for its age of any calf in Kansas. If any of our exchanges can do as well let them spe out .- Burlington Patriot.

It is now asserted that grasshopper eggs will not freeze. Persons in this neighborhood have taken eggs, during the late cold snap, out of lumps of frozen earth, and, breaking them, seen the fluids run out as "freely as water." They might be utilized in the manufacture of thermometers for the polar regions. ufacture of thermometers for the polar regions.
Will not some enterprising fellow act upon
the suggestion?—Emporia Ledger.

FROZEN COMBS AND FEET.—Make a mix-ture of vinegar, salt and water, using enough ice to bring it very near the freezing point. apply this till the combs are soft, then oil with sweet oil.

Thy friend has a friend, and thy friend's friend has a friend—be discress.

Correspondence.

Written for the Kansas Farmer. FARMERS' INSTITUTE.

EDITOR FARMER: In looking over the last KANSAS FARMER, I was very highly pleased to see the tone and character of the articles it contained. Kansas though a young State is rapidly forcing its way to the front of our National Confederacy. Don't get mad at the word confederacy, because it has been used in another connection—such articles as the opening one by Mr. N. Cameron, have the right ring, and is siclear exhibit of what an agricultural paper should be. The KANSAS FAB-MER and the Farmers' Journal of Des Moines, are doing more to educate the farmers than any other journals eyer in the interess of agriculture. The farmers as a class are too apt to patronize a class of papers that are ever in antagonism with their best interests—the political sheets that enter most of their households should never cross the threshold. But I sat down to advance a few ideas on farmers' institutes. I don't know whether they have ever been held in Kansas or not, in some places in the State they have been held for years—one feature in their favor, the politicians are strengly opposed to them as it deprives them of their influence, and teaches the farmer self reliance, and serves to develop the talent, ability and strength of character, that is dormant amongst the farmers and which require some such means to develop. Delaware Co. in this State holds regular annual institutes at Manchester, and what is the result, the farmers of that county are the most intelligent and progressive in Iows-with this I will send you a programme of our last year's institute, by means of which you can judge the educational force of the movement; the programme can be changed to suit localities, the expense is a mere trifle ; if speakers are wished for, from a distance of course the expenses would to be met-our last institute did not cost over \$25 for three days, one half of which went to pay the traveling expense of a gentleman we sent for. I will venture the assertion that the amount of valuable information disseminated during the session was ten times greater than any series of lectures delivered in the State. We committed one serious fault, we invited some lawyers and politicians to open some of the subjects, and they gobbled the whole up and killed it for this year. The local newspapers are opposed to them for very obvious reasons. Here is the place to demonstrate to the farmers the paramount necessity that exists to support the journals that are ever in his interest, in fact those institutes should be held annually in every county in the West, and you are the man in the right place to urge the matter on the farmers as a class. The interest in the patrons movement is dying out in some sections, the late political campaign was a serious means of disruption; the farmer and patron will have to learn that he must cease to be a partisan before he can become a patriot. Your articles on education are sound I consider. Prof. Anderson is one of the great leading educators of the age, if there is a man in your State that can make the agricultural college a success he is the man, for my own part I am in favor of manual labor, selfsus taining, farm schools, such as are all found over Europe. Now this is the question that ought to be thoroughly discussed by the farmer, and these institutes is the place to discuss it. Hoping you will call the attention of your readers to this question of farmers' institutes (if they meet your approval) I beg leave to remain ever yours for equal and exact SAMUEL SINNETT. justice to all men. Muscatine, Iowa.

LETTER PROM ORAGE COUNTY.

EDITOR FARMER: I saw an article headed "Our Danger and our Remedy from Insects." I agree with the writer only he don't go far enough in his plans for saving the insect-eati ing birds, where he refers to to the statute to stop the young sportsmen from killing the birds, for three years, and after that to permit it only one month each year. Now I make an amendment to that. Have the present legislature pass an act giving a small premium for hawks of all kinds. In my opinion, hawks in their measurements for perfect cattle, sheep destroy more birds and bird's nests than the and hogs of various breeds, hunters do. Last fall, I gave a premium of 25 cents each, for all hawks killed on my own farm; the boys have killed 31 since that time. I believe this plan will no more good to the farm than the same amount of money laid out in any other way. I recommend all farmers to pursue the same plan. The boys have not killed quails or prairie chickens since, and they enjoy the sport aside from the pay and the honor of having the largest hawk, for the hawks are hard to shoot, and it can only be done when they are in pursuit of prey; they are very shy and are always on the lookout. Also, I wish to impress on the minds of the farmers that after this month is the time to commence harrowing the grasshopper eggs. The first time the frost is out of the ground enough, in February, commence harrowing. I mean to keep one team on the harrow continually, until time to plow for spring crops. The harrowing will be better than early plowing, the harrow will bring the eggs on the top of the ground and they will hatch out earlier and stand a chance of being destroyed by the bad weather following in March or April. I say, do the harrowing anyhow; if it does the 'hoppers no harm, it will do the field a great deal of good in smoothing and clearing it up for plowing. You will find it will pay both ways. I mean to work hard against the insects for they have worked hard gainst me; they took 37 acres of grain, clean

but I raised a splendid crop of corn, and we have wheat and rye enough over for bread and seed again the coming fall. Now, I ret commend to farmers, all who have too much ground open for corn, to put corn or millet on what you want for wheat, it is the best stubble to put wheat on and the millet is the best feed for young stock that you can get; particularly calves coming yearlings in the spring. I am feeding it now and like it very much, P. C. W.

WEATHER PROVERBS.

This country is scarcely old enough yet to have many homemade proverbs, and this is especially true of the States west of the Mississippi. And further, the proverbs that might be true of the Atlantic or Gulf coast, will rare; ly be a correct indication of weather in this the central State of on the Pacific slope.

Here is one that we all know : " If the ground hog sees his shadow on the second of Feb, he returns to his hole and remains there six weeks." We call that day 'ground hog day.' We understand from this that if the beginning of February is fine we may expect severe weather after. This proverb in its form is American and it will more or less be true in the eastern States but it is questionable whether it may be relied on here. Any way, every year I have been in Kansas there has been some severe weather at the end of March or beginning of April without reference to ground hog day. We say this is American in form, but it appears to be an adoption of English and Scotch proverbs. February second, is known in the church calendar as Candlemas Day; and there are quite a number of proverbs relating to a fine Candlemas.

Here are some :-1" If candlemas be fair and bright, Winter will have another flight."

2" If on candlemas it be shower and rain, Winter is gone and will not come again."

3" If candlemas be fair and clear, There'll be two (two) winters in the year."

4" The hind had as lief see his wife on the bler, As that candlemas day should be pleasant and clear."

Here is another that has much wisdom in it hat a farmer may observe :

5" You must have on candlemas day Half your straw and half your hay." Valentine's day in February, also has its proverbe. Here are two:

6" On Valentine's day Will a good goose lay."

7" If she be a good goose, her dame well to pay. She will lay two eggs before Valentine's day. The weather of February is the theme of many proverbs.

8"All the months in the year Curse a fair Februeer."

9 "February fill dike Be it black or be it white, But if it be white, It is better to like."

10"February makes a bridge and March breaks it."

11 " March in Janiveer Janiveer in March I fear. We will close with one or two from southern Europe that will interest farmers.

12" A field requireth three things; fair weather, good seed, and a good husbandman.

13 " Good husbandry is good divinity." ROBERT HAY.

Holton Feb. 8, 1877. THE MEASUREMENT OF A PERFECT

An old horseman gave me the following rule by which to judge a perfectly formed horse. I present it to the readers of the FARMER to the withers, and from the withers where the joint to the root of the tail should be the same. stifle joint and from that joint to the hock joint some fine stock. and from the hock joint to the hoof should be the same in length. Also: that the length from the top of the withers to the joint of the shoulder bone and from there to the back joint of the fore arm joint and from there to the knee, and from the knee to the hoof should also be the same length, although the three different measures here given from the various parts of the horse may vary some what. Horsemen and farmers are invited to give their rules and experience, and we should T. B. P.

Belvoir, Kan. EDITOR FARMER:-A convention of Coltswold sheep breeders was held here to-day resulting in the organization of an association the main object of which shall be the publication of an American Coltswold Record.

A full set of officers for the ensuing year. including Pres't Sec. Tress. & vice Pres't for the different States was chosen, and an appropriate constitution adopted. Rules determine ing eligibility to registry were fully discuss. ed and a committee of three finally appointed to put these in shape for publication at an early day.

Alex Charles of Cedar Rapids, Iowa was made Secretary of this new association, a sit uation which, together with the harmony and good feeling which marked the proceedings, of to-day, argues well for the future success of the enterprise. PHIL. THRIFTON. Springfield Ill. Jan, 18th, 1877.

EDITOR FARMER:-Please state through your columns for the information of G. W. Everhart and others, that John Tannahill of Patron post-office, Butler Co, Nebraska, will furnish them with Chufas for seed at the following rates: Per 5u. \$10, peck 2,50, qt. 35c pkt 10c. I would be pleased to have Mr. Everhart give-after a trial, his experience in the cultivation of Chufas.

Louis A. MULHOLLAND. Topeka, Kansas, Jan. 29, 1877.

Crop Notes.

Franklin County.

EDITOR FARMER -: The crops the past year in Franklin county were good, but would not compare with last year; the season was very wet, and the farmer could not cultivate his crop more than half as much as it needed; if the crops had been cultivated as they were last year, they would have been far better.

Corn that was cultivated but once, will yield from thirty-five to forty bushels per acre. Of course, some of the bottom land was almost entirely drowned out, but as a general thing it will average about forty bushels per acre, and is worth at the present time from twenty two to twenty-five cents per bushel., Castorbeans yielded from eight to twelve bushels per acre, and sold in the club \$1,25. Wheat went about twenty bushels per acre, and is worth from 90c to \$1,00. Flax made only about one-half crop, on account of so much wet weather; worth \$1,00 per bushel. Oats about one half crop, worth twenty cents. This is an average of the principal crops

The price of land varies from five to twen ty-five doilars, according to the improvments and locality. Splendid improved farms can be had at fifteen dollars per acre, less than five miles from the city of Ottawa, the county seat and one of the most flourishing cities in the State. We are not disposed to "brag" but we think this is one of the best localities in the State, for an enterprising W. S. D. farmer.

Lyon County.

Feb. 17.-Wheat and rye looks well considering time of sowing. Stock never looked better at this season of the year. Orchards and vineyards in good condition. Horses worth on an average about \$60 00; Ponies about \$25.00. Fat cattle average about 3 cts. per 1b. 5 cts. gross. Sheep \$1 50 to \$2 50, oxen \$50 to \$80 per pare. Grains average as follows: Wheat 75 cts, corn 21 cts., oats 16 cts., per bushel. Flour \$2 50 to \$4 00 per hundred. Butter 20 cts., eggs 121/2 cts. Potatoes \$1.00 per bushel. Hay \$3.00 per ton; wood \$3.50 per cord; coal \$500 per ton. No loss reported by fire this season. No Government land, improved land average about \$15 00 per acre: unimproved about \$5.00 per acre. Grasshop pers have deposited innumerable amount of eggs; nothing being done to destroy them. We favor any thing to prevent their ravages We have more laborers than labor. Money loans at 10 and 12 per cent. per annum. Schools and church are of the best character.

G. W. FREDERICK.

Holt County, Missouri.

Feb. 7 .- Winter wheat and rye have mostly been destroyed by locusts or the dry freezing during the month of December. The locusts destroyed the early sowing. A large part of the ground thus stripped, was re-sown after the heavy frosts set in. The grain sprouted well, but dry weather is setting in, the greater part succumbed to the freezing. Some of our farmers propose to sow their fields again during this menth and with favorable weather expect to reap good crops therefrom. About one-half of the last year's crops of wheat is still in the hands of farmers. Quality good. The condition of cattle in this county is excellent; never was better; large lots are beand ask their judgment upon it. It is as fol- ing fed here, generally owned by horse dealof those produced now. John G Cowan of colar fits to the lowest joint in the back, and New Point, is the leading short-horn breeder and G. M. Dodge of Mound City, are also in Also from the joint of the rump bone to the the business, and are beginning to send out WM. KAUCHER.

Edwards County.

Feb. 9 .-- A severe winter has given place to an early spring, if we may so call our present open weather, and farm -re are generally looks open weather, and farm-re are generally looks though to my disgust I am sometimes told that ing forward to a good season. No great older butter is best, and I can dispose of it more amount of wheat have been sown in our readily, county, but reports are favorable of what little growing, Our live-stock has wintered in good shape and will be in condition for work when a little rancid. Said he "just put that in your the frost is out of the ground. Good horses are worth \$100. Cows-new milk from \$40 to \$80. like to have some reader of the FARMER send Oxen \$100 per yoke, and the market not by any means over-stocked with animals. Very little loss by prairie fire in this vicinity, some hay has been burned. Grasshoppers have not laid any eggs in this county. We are in favor of a bounty on eggs and hoppers as an inducement towards their destruction. Money is worth 3 per cent. a month, short time and from 10 to 20 on long time. Good school and WM. EMERSON. Bourbon County.

Feb. 7.-Condition of winter wheat and rye is very good. Live -tock, condition good, win' tered on the range without any other feed. Losses small. Horses av-rage price \$75.00. Cattle \$15 to \$20. Hogs \$7 per hundred. Sheep \$2 50 per head. Oxen \$60 to \$100 per yoke. Corn 55 cts. per bushet. Home market for produce in proportion with price of corn. Losses by prairie fires comparatively small. Plenty of Government land at \$1.25 per acre. Improved lands \$5 to \$10 per acre. No eggs deposited by grasshoppers. The people favor Legislation on the subject. Mills, stores, shops and Mechanics are wanted. We have good water powers. There is no one loaning or offering to loan money in this county, a good rate could be obtained. We have three or four good schools in this county. The Methodists are organizing churches here.

WM M. FRIEDLEY.

Harvey County. Feb. 10,-Livestock in good condition. No

DIABRACEA IN YOUNG CALVES.

Calves brought up by the pail, and in the earliest period of their existence, are subject to diarrhees or scouring. The paunch becomes distended, its inner mucous lining is inflamed, and it usually contains a quantity of dirty, yellow, offensive fluid, and whitish matter of yellow, offensive finite, and whitish matter of ten larger than a person's fist, composed of the coagulated ingredients of the milk the density of which is nearly equal to that of cheese. None of the cheesy matter is found in the in-testines, and but rarely in any of the stomachs. except in the first or paunch. Loathing of the food ensues, and at last total suspension of the appetite. The animal prefers to stand, and when it lies down, it is on the right side, the left being swelled. Grating of the teeth and eructation ensue. The stools are mostly thin, of a whey-like appearance, and small in quantity. The animal shows uneasiness by looking around to the left side, and kicking at the belly with the hind legs. A stupor at last comes on, the animal standing with his head in a corner, or pushing it against the wall.

The remedial measures will be best under stood when we give the rationale of the dis-ease. In the adult ruminant, the first three stomachs are of considerable size, and serve to

prepare the coarser particles of vegetable food for the action of the fourth or true digestive stomach. The young calf however, is not physically fitted for living on solid food, but, like the young of other mammalia, is naturally nourished by milk, a fluid which needs not he action of the first three stomachs to render it fit for digestion and absorption. In the calf at the birth, consequently and for some time afterwards, these three first or preparatory stomachs are infinitely smaller in proportion the fourth than they are in more advanced life, being, in fact, as yet but rudimentary or-gans. The calf is also naturally adapted or taking in its food by sucking, a process by which the milk enters the alimentary canal so cent shape, the heaviest part in the top of slowly as to allow it gradually to pass by the the head above the eye. New York cutters three first stomachs through a comparatively select a broad, crescent-shaped blade, the parrow channel into the fourth stomach, which is the enly one as it were, necessary to perform the digestion required at an early age. If, however, as is sometimes customary, a large quantity of milk is poured into the calf imnediately after birth, or if at once allowed to drink freely from the pail, which it very readily learns to do, then it will swallow as much in two minutes as would probably require fif-teen minutes in the act of sucking. The consequence is, that the narrow passage leading through the first three stomachs, does not admit the milk as fast as it is swallowed, and that fluid is, from time to time transmitted into the yet small paunch, which continues to descend according to the amount collected. The paunch, however, it is seen, in so young an animal, is not fitted for very active func-tions, and the milk retained there, being exposed to the warmth and motion of the organ, undergoes certain chemical changes, which end in the formation of its coagulable principle into the cheesy masses before noticed. The collections act as irritants to the parts contain-ing them; inflammation is the result and the do a fifth more work in the same time than extension of this, with the consequences, causes

The obvious remedy is prevention. Give the young calf milk frequently, not less than three times a day, and in small quantities at a time, not exceeding one or two pints. Let it take time to drink it, and as the quantity should be small, it should be richer than is the pure milk. As the stomach increases in size, the quantity of food should be increased; and in time other kinds of food should be add ed to the necessarily limited quantity of milk the calf gets to drink as it attains size and age. -Prairie Farmer.

THE DAIRY.

Your article on making and packing butter good. I wish all butter-makers could read and practice it. Washing butter is not only useless, but positively injurious to the butter. But there are many who insist that it must be

churn.

Colored butter is a nuisance. Why color it? from that joint to the coupling, and from that of the country. Levi Gillis, W. W. Frazer If a cow gives milk as poor as that, better feed her better, and then if she does not improve, I have never seen but one such cow; she gave a large quantity of milk but scarcely any butter. She would probably have made a good cow for cheese.

Butter is naturally light yellow, but grows deeper by keeping, thus telling its own age always in winter. Give me the freshest

Last fall I was amused and enlightened by

a neighbor. I was packing butter to sell in town, and laid aside a roll that I thought smelt churn of buttermilk, churn it fer a while, and you can't tell it from the fresh-but it won't Keep so long. Well, I tried it, and to my surprise it was the first roll sold out of the lot. On stating that it was not as fresh as the other, I was told it was the best tasting in the ot. My neighbor had been prevented from going to market for three weeks, and fearing she could not sell her oldest butter, churned it over-a large jar full. Out of three such iars, the oldest sold first, and at the same price. Now, my opinion is, the people don't know fresh butter when they see it, and it is a pity to waste it on them. Hereafter we will eat the freshest always, and sell the oldest-and pack it, too, when cheap. Will some one explain this seeming inconsistency in consumers?

There are very few farmers on the prairie orepared to make really good butter, for it is oo warm in summer, and too cold in winter. Hence if we had more dairies in our State it would be better, for they could afford the necessary expense of the proper conveniences.—F. in Rural World.

LEANING TREES.

Often in a fine orchand we find one or more rees leaning over so far as to destroy the whole orchard. It is also much more difficult to cultivate around a leaning tree. This may easily be remedied while the trees are young, by partially digging up and replanting the trees. The roots will be found smallest on the side from which the tree leans; and, therefore, these roots should be loosened from the earth, the tree set in a perpendicular position, and carefully fastened by stakes and guys and the earth replaced around the roots. It would be well to add some rich compost to promote their growth. If, as is very probable, the top of the tree has become one-sided, it should be pruned so as to restore the balance. In this way we have "righted up" pear trees six inches through the stem; but the best way is to look after the young trees and not winter wheat is in good condition. Plenty of rain.

W. H. Cole.

way is to look after the young trees and not permit them to depart from the way of up rightness—Journal of Horticulture. BUY SMALL TREES.

Nurserymen usually describe trees on their estalogues as "second class," "medium," "first class," and "extra," The difference in these class," and "extra," The difference in these classes is principally, if not wholly, in the size and height of the trees; and as most farmers desire the best, they suppose that the large "extra" trees merit that description, and hence order them. The fact is, however, that a small tree will grow faster and (if a fruit tree) come into hearing condition. come into bearing condition sooner than a large one; and, as the New England Home-

stead states, in half a dozen years the tree will be larger and finer than the other. The larger the tree, the larger the roots which it has, and the larger the roots the less fibers there will be upon them. A tree that has plenty of fibrous roots will grow readily if proper care is used in transportation; but no amount of skill can coax a tree to live and flourish which is destitute of these little fibers. The roots of large trees are always more or less mutilated in the process of taking up, while small trees sustain little injury from this source. Dealers in trees assert that any evicenced man how small thrifty trees—while experienced men buy small thrifty trees, while those who are just starting are anxious for the largest to be had. Those who are to set trees the coming season will do well to learn from the experience of those who, at considerable loss to themselves, have demonstrated that small trees are the ones to buy.

WOODSMEN AND AXES.

From an article on pineries and modes of chopping, in the Northwestern Lumberman, we extract the following:

The styles of axes differ with nationalities.

A Canadian chopper prefers a broad, square blade, with the weight more in the blad than elsewhere, the handles being short an thick. A down East logger, one from Maine selects a long, narrow head, the blade in creswhole head rather short, and the weight balanced evenly above and below the eye, that is, where the handle goes through. A Wesbackwoodsman selects a blade, the corners only rounded off, and the eye holding the weight of the axe. The American choppers as a rule, selects a long, straight handle The difference in handling is that a down-Easter takes hold with both hands of the extreme end, and throws his blows easily and gracefully, with a long sweep, over his shoulder. A Canuck chops from directly over his head, with the right hand well down on the handle to serve in jerking the blade out of the stick. A Westerner catches hold at the end of his handle, the hands about three inches apart, and delivers his blows rather direct-

ly from over the left shoulder.

In fact, an expert in the woods can tell the nationality or State a man has been reared in by seezing him hit one blow with an axe. It is, however, an interesting fact to know that a Yankee chopper, with his favorite axe and any other cutter, and be far less fatigued This in a very large degree will account for the greater percentage of Maine men who will be found each year in the woods.

MR. GEORGE GRANT'S QUEEN FARM CATTLE.

Among the many enterprising foreigners whom the boundless resources of our great West have attracted to become denizens with us, may be mentioned Mr. George Grant, of Victoria, Kansas. Mr. Grant is a Scotchman, whose energy and enterprise won for him a large fortune while in business in England. Having terminated his active business life there he was led to invest in a large tract of land in Ellis county, Kansas, whese he has established a colony for testing practically and intelligently the special adaption of the prairies of that section to stock-raising. He has done to get the milk out. If you can only get them to try the other way once, and taste the butter unprejudiced, they would certainly ing stock or grain. These farms he sold only save the water to wash the dish rags.

To sour cream in winter (this may be as new to some one else as it was to me two years raising of improved breeds of sheep cattle and lows: That the length from the top of the head ers. Graded cattle comprise a heavy per cent. ago), add from half to a pint of buttermilk, horses, and cultivate the land according to the saive farming ide as of the After several years' trial this experiment has proven eminently successful, and Mr. G. has surrounded himself with a pleasant class of neighbors. Some of the most prominent business people in New York have sent out their sons to colonize, who have found pleasure, health and profit in the enterprise. Anxious to bring the breed of cattle he was raising to the highest possible standard of perfection, Mr. Grant visited England in the early part of 1876, and after a close examination of the stocks of all the leading bona fide breeders in that country selected several animals from the Prince Consort's ShowFarm at Windsor, which he imported here and showed at the late Centennial Gattle Exhibition, previous to taking them to his Kansas ranche. animals, models of bovine perfection, attracted much attention while on exhibition, and were generally conceded to be the best of their kind ever brought to this country. They were shorthorns, and as a herd, bought for the purpose of breeding stock and not for the butcher, were certainly not excelled, and probably not equalled, by any thing at the Exhibition.

Mr. Grant has also devoted much time and attention to raising sheep, and here also he has met with signal success. The climate and the soil of Kansas have been found admirably adapted to the purpose, and when the strain from the royal farm is thoroughly incorporated with the rest there is no doubt that the great results already attained will be entirely outdone. I had almost omitted to remark that Mr. Grant's imported cattle took a diploma of the highest merit and the United States Cen-tennial medal of honor at the Centennial show, an honor richly deserved and fittingly bestow-ed. The address is Mr. George Grant, Victoria, Ellis county, Kansas.—Boston Journal of Com-

merce. A FRENCHMAN who has lived in America for some years, says:—"When they built a railroad the first thing they do is to break ground. This is done with great ceremony . Then they break the stockholders. This is done without ceremony."

Class in the middle of geography, stand up, said a schoolmaster. 'what is a pyramid?' he asked. 'A pile of men in a circus, one on top of the other.' 'Where's Egypt?' 'Where it always was' 'Where's Wales!' 'All over the sea.' 'Very well,' says the schoolmaster; 'stay there till I show you a species of birch that grows all over the land.'

"Do you know what bull-dozing is?" asked a man of an old farmer., "I thought I did," said the granger, "but the bull wasn,t dozing; he was making believe, and being in the middle of a forty acre lot, il naturally had to make pretty quick time to reach the fence ahead of SOME QUESTIONS FOR OUR CORRESPOND

by answering the following questions:

teachers licensed?

the common schools?

Clark's Hill, Indiana

any cure.

ENTS TO ANSWER.

EDITOR FARMER :-- You will confer a favor

1st. What branches are required by law to

be taught in the common schools of Kansas

2d. How and for what length of time are

·3d. What is the average length of the school

4th. What salaries do teachers receive in

EDITOR FARMER :- I have a valuable sow

and her insides seems to hang out of her

rectum, and I can find no one who can tell

me what to do for it; in fact I can find only one

farmer who pretends to know what it is, and

he says it is the piles, but could give me no

remedy for it. Her privates are very much

swollen, and yesterday when I was washing

her with alum, something protruded out of

the vagina, but went back next day. Can

you or any of your many subscribers give me

EDITOR FARMER :- I want to ask through

the medium of your valuable paper, if any

blackberries take root from the tip of the

Will Mr. Burns, of Manhattan answer, or

I had some vines put out last spring, so

have not fruited yet, but very many of them

have roots at both ends of the canes, or vines.

The vines are long and slender, lay near the

ground. I have the Lawton, but this unknown

kind is nothing like it, and yet it looks just

I asked one of our county nurserymen about

This may not be nothing new to your read-

JUNE GRASS.

In answer to some new subscriber in Illi-

nois, we would say, that "tame grasses" can

be raised in Kansas. Last year there was

raised in this State 8,850 acres of clover and

over 26,000 acres of timothy. The grasshop-

pers destroy the tame grasses to a limited ex-

tent, but do no damage to the prairie grass.

Apples, and cherries are raised in considerable

quantities in the eastern part of the State.

There are but few bearing orchards in the

central portion and none in the western part.

Currents have not proved a success as yet in

EDITOR FARMER: In your paper of Jan 3.

your correspondent M. L. wishes some Ger-

man lady to enlighten him (or her if your

correspondent is a lady), as to how black bread

Having been raised inGermany on the kind of

bread in question, though not a lady, I ven-

The bread is mixed and baked in the same

way and manner as bakers in this country

is made in Germany, how it is kept &c. &.c

ture to give the information desired :

it, and he said if it takes root at the tip it is a

raspberry, but he did not see the vine.

ers, but all wonder at it here.

Salina, Kansas, Feb. 10th, 1877.

some one who has experience in growing small

fruits. If they do, what is the name of some

Waterville, Kansas, Feb. 6 1877.

canes, as do raspberries?

of the kinds?

like a blackberry.

this State.

W. S. CHENOWETH.

ROB'T. CAMPBELL.

ADVERTISEMENTS.

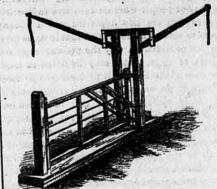
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Farm rights \$5,00 with plan to build gate from,
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Topeka, Kansas,

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Full history on application.

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Latrons of Ausbandry.

HOW TO REPLENISH THE TREASURY OF THE SUBORDINATE GRANGES.

The best conducted Granges are those with full treasuries. The direct result of an empty treasury is a slim, feeble attendance at Grange meetings, and very little interest; man ifested by those who do attend. One of the plans adopted to replenish the treasury is to "raise the dues." The minimum dues of member in a subordinate Grange, as fixed by the National Grange, is \$1,20 per year. As the paying members in this State will not average over 20 to a Grange, it can readily be seen that the amount in the treasury would be hardly sufficient to pay the running expenses. A few Granges in the State have increased the dues with very good results. Another plan adopted last year by widerawake Granges, was, for the members to lease a piece of land, from ten to fifty acres, and sow it to corn ; the members doing the entire work gratuitously, the proceeds to go into the treasury. This has many advantages over any other plan that we have yet heard of, and we hope to see it largely copied the coming year.

WHY ARE THE PARMERS TAXED SO

"The subject of immigration is one of more vital consequence to your State than any, if not all others." (Extract from Gov. Anthony's

inaugural) It is a trite saying that, The agitation of thought is the beginning of wisdom. The writer could but wish that a mind more fertile than his, that others more learned and wiser than he, would write and talk up this subject with the ability and with an earnestness the theme demands. But it is averred that a single drop of rain falling upon the ocean wave, disturbs, to a degree that whole, vast reservoir; that thought expressed, however humble its origin, may serve to create a nobler thought within some kindred breast, which again, more forcibly proclaimed, would arouse with magnetic thrills a slumbering na-

tion into active life: Immigration into Kansas is much to be desired. Her people are anxious to have settlers come in. No great influx of immigration can, however, be expected, so long as the present laws exist in regard to taxation. The thrifty and enterprising man who comes to make his home among us, thereby contributing what he may have of property to the wealth of the State, should not be taxed for the improvements he makes. He should rather have a premium therefor. But what does he find? After coming here, and when about fixing up the place he has purchased after the manner he had been accustomed to, mayhap, east of the prairie he turns up, every rod of fence he associated with pleasant memories, and re-Mississippi river, he finds that every acre of builds, and even the building that shelters his head from the winter's blast, the storm and the rain, is observed and enquired into by the argus-eyed assessor and as dutifully noted

down. The Kansas farmer has much to contend against and very much to discourage him. The late frequent visitation of locusts, low prices for grain and all other products in his line, high prices for lumber and other building material, these and many more are barriers N. C. Reed, W. F.; J. Q. Hart, W. Secretary; that array themselves in antagonism to his J. Sinmers, W. G.; Mrs. S. J. Wilson, Ceres; s. All this, together with the taxes he Anna Wilson, Pomona; Mrs. C. V. Ourant, has annually to pay, reduces him to such an Flora; Miss C. L. Simmers, L. A. S. extremity that it is only by the strictest economy that he is enabled to withstand the pres-

sure. Does the Kansas farmer always want to live in a backwoods style in order that he may est cape a heavy taxation? If he does, he may purchase a single forty acres, construct for his habitation a sod house or a "dug-out," invest his money in cattle and let them range upon filled his pockets with money without any eft the land that somebody else owns. There are many who do this. Or, if he be able and chooses to belong to that class who herd their "cattle upon a toousand hills," he may, by a style of maneuvering peculiarly his own, so adroitly manage his business that his taxes will be comparatively small. But if he chooses to make agriculture his vocation, if he wishes to improve his place, and to beautify the same with hedges, with groves and with vine-yards; if he wishes to erect a dwelling for himself, his wife and his little ones, and sheds and barns for his animals, as becomes a civilized human being-in a word, if he wishes to adorn his home with ornamental and healthful surroundings, then there is no loophole through which he may hope to escape. These things are not as they should be if we would wish to see the country settled up.

There is a vast amount of lands in Kansas owned by speculators. Every settler who locates along side of these lands, enhances in value the lands of the speculator. Should not he who holds his lands for a higher price, be brought to bear an equal burden of taxa tion with the settlers.

The following plan regulating taxes, were it to become a law, would be much better for the State than the one now in force. When it has behn ascertained how much tax is required to be raised in a county the coming year let the equalization be as follows: All lands to be taxed alike according to their location aud their relative value. Every one to pay a tax on his personal property, money, &c. So far it does not differ from the law now in force. Tax him for all grain, bacon, &c , he has on hand, except what he needs for consumption on the place. Tax him for his build-At the high prices of lumber, carpenter and mason work, but very indifferent farm buildings where they exceed a certain fixed value. At the high prices of lumber, carpenter and

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ings can be built for \$600. Those who wish better ones have the privilege to erect them, and they would be willing and expect to pay a tax on them all above the cost of \$600 or some other fixed valuation. But do not tax a man's life out of him for the privilege of improving and building up the country, To do so is a drawback to prosperity within the State-yea, it is a deadly thrust at the spirit of enterprise. Refrain from so doing as guards edly as you would from taxing knowledge. Should such a course be pursued, we should see an unprecedented and uninterrupted flow of immigration into the State, which would soon transform these vast, wilderness prairies into a fruitful field and "cause the desert to blossom as the rose."

Belvue, Feb., 12, 1877; Installation of Officers of Capital Grange. On account of pressure of other business, w have neglected to give our report of the installation of the officers of Capital Grange,

which ceremony we had the pleasure of witnessing. The members of Capital Grange together with visiting members of other Granges gathered at the Hall in the morning, and at noon partook of a feast of good things provided by the sisters of Capital Grange, and enjoyed themselves with music and general social

chat, preparatory to installation of officers. In the afternoon the following officers here duly installed : Col S. N. Wood, visiting member and Master of Falls Grange, Chase Co. acted as installing officer, ably assisted by

brother F. H. Wharton of the same Grange. Master, Mr. J. B. Billard ; Overseer, J. N. Ross; Leuturer, W. P. Popence; Steward, H Freeman; Ass't Steward, Louis Mulholland; Chaplain, Mrs. C. M. Steele; Treasurer, Mrs. B. A. Otis; Secretary, S. H. Downs; Gatekeeper, Sam'l McDougal; Ceres, Mrs. F. C. Harvey; Pomona, Mrs. Sarah Curtis; Fiora, -subsequently installed—Miss. Hattie Long

Lady Ass't Steward, Miss. Alice Ross; During the installation ceremonies on behalf of the members of Capital Grange, the editor of the FARMER presented to the retiring Secretary Miss Ella Spencer, a beautiful Silver Cake Stand, as a mark of esteem and appecia-

tion of her services. After the installation ceremonies short addresses were delivered by Chas. Robinson of Douglas Co. and worthy Master of the State Grange, Wm. Sims, Bro. Wood of Chase Co

and others. The following resolutions offered by the W. M. Wm. Sims, was adopted by the unani

mous vote of all present : Resolved. That each individual Patron present, pledge himself or herself, anew, to use every effort, to forward the interests of the

Taken altogether the occasion is one to be membered by all who were present.

Dickinson County. EDITOR FARMER: I forward you a list of the officers of Excelsior Grange No. 1038. Our Grange is in a thriving condition. We meet regularly, pay our dues promptly, and

enjoy ourselves hugely. Samuel Wilson, W. M.; S. F. Hart, W. O.; W. R. Moore, W. L.; J. C. Hart, W. S.; E. G. Medley, W. A. S.; J. S. Wilson, W. C.

D. E. F.

Fraternally,

GOOD RESULTS FROM THE ORGANIZATION. Has not the Grange done something to entitle it to recognition as a great instrument for the public good? It it is hoped that every weak brother who cannot see ample compensation to him in what has already been done will stop growling that the Grange has no, fort of his own, and get out of the Grange a-soon as possible. We want no such drones, but men who can see what great things we have already done and what wonders we may vet do, if we are earnest workers in our grand operative movement. These are but a few of the benefits conferred on our country by the Grange, and when time and space will al. low, it may be profitable to go into this subject more in detail, showing the success of local grange enterprises, and new systems of co-operative association recently organized.—
Monthly Talk.

WOMEN OF THE GRANGE.

Show us a Grange that has an organ, s good choir, and a library of well selected books for old and young, and we will show you one where women are interested and inelligent, and have their hearts in the work they have undertaken. Granges that prosper best are those where the women come in cause they see something for them to do, not cheaper, according to its strength, than anymerely as an ornament, depending upon the thing we had previously bought. But it was brothers for her entertainment, but feeling that as much responsibility rests on her for the success of the Order as on the brothers. We think that more depends on the sisters for making a Grange interesting than on the brothers.—Hoosier Patron

INFLUENCE OF THE GRANGE,

Among other things, we might mention, the happy influence which has been exerted by the organization of subordinate, State and National Granges upon the minds of our class. Farmers have made progress within the past few years, in the knowledge necessary for the conduct of their public and private business. They are holding up their heads among their fellow men, and learning their rights, and how to gain and preserve them. As our Order grows in years, it will, no doubt, show a greater gain and greater in breadth and compass of mind.—Rural World.

As a Scotch schoolmaster was teaching s sharp urchin to cipher on the slate, the pre!

bake their bread except, in place of yeast, leaven is mixed in the dough in the evening before baking; it sours or rises over night. next morning is mixed again and baked in an oven built of stone similar to the American clay ovens; it is then laid on a bread rack. generally up stairs, and left to dry out; of course it gets hard and dry, and sometimes stale or mouldy. My parents baked about once a

month, thirty loaves, which filled the oven. With this fare as to bread, as well as other eatables of less richness the Germans are perhaps more contented and happy than the Americans are that fare sumptuously every LEWIS SCHAEFER.

Occasionally, during the past two years, we have received for trial, samples of butter col-oring preparations from Messre. Wells, Richardson & Co., of Burlington, Vt., with the request that they should be thoroughly tested and criticised as to their merits and demerits.

The first sample received, however, was superior to any other preparation of annatto that supersede carrots for coloring butter, and also all the crude preparations of annatto, as form-

erly put up by druggists.
Since Wells, Richardson & Co., commenced ten cents the proprietors will send any one a sample. Let all the butter makers try it.— New England Farmer,

the manufacture of their perfected butter color the prejudice against the use of artifical coloring in butter has been swept away at a rapid rate, not only among butter makers, but also, among the dealers and their consumers. Being perfectly harmless, simple, cheap, and easily used, it has become one of the staple articles of the dairy room, as much as salt or rennet. For

PERFECTED BUTTER COLOR.

Knowing the firm were stiving to make the best preparation possible, and that they intended to stop at nothing but perfection, we have been free to find all the fault that could possi-

we have ever used. It was, perfectly clear of sediment, free from odor, and gave a bright. clear color to the butter, while it was sold not warranted to keep through the whole year without being injured by freezing in winter or moulding in summer. A late sample proved equal to these tests, and showed greatly in creased strength of the coloring principle Having tested it for several weeks, we inform ed the proprietors that we could find no fault with it whatever. As now made, it is the strong est, cleanest, purest and cheapest butter and cheese coloring substance we have ever found and for all we can see, it is absolutely perfect It will bear heat or cold, and does not fade when exposed to the light. It should entirely

the state of the s

The Kansas Farmer.

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

TERMS: CASH IN ADVANCE.

RATES OF ADVERTISING.

Cone insertion. per line, (nonpariel) 30 cents.
One month.

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

TO Subscribbers TO SUBSCRIBERS.

TO SUBSCRIBERS.

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

BOOKS AND CATALOGUES RECEIVED.

Being an illustrated account of the Colorado Potato Beetle and other insects, foes of the Potato in North America, by Prof. Chas. V. Riley, State Entomologist ot Misouri. Orange Judd & Co., New York. Price, post paid, paper covers, 50c.; cloth covers, 75c.

This is a most excellent and timely work, coming from the best Entomologist of the country, it will be considered authority.

CATALOGUE, STAR NURSERIES, Hargis and Somers Quincy, Illinois.

This is one of the largest firms in the West, and always have the most extensive assortment of everything in the Nursery line.

Druen's Gampen Calender for 1877. Henry A Dreer, Seedsman and Florist, Phila, Pa. The volume is one of nearly 200 pages, containing

much valuable information.

COLE & BROTHERS. CATALOGUS OF VEGETABLE AND FLOWER SEEDS, Pella. III. The Catalogue of this firm each year shows a steady and healthy growth of business. Wankegan Nursery, Robt. Douglass & Sons, Wankegan, Lake Co., Ill.

EVERGREH AND ORNAMENTAL THEE SEEDLINGS, have been specialties with this firm for many years. DISMASES OF DOMESTIC POULTRY. How to avoid and cure them. Geo. BURNHAM, Melrose, Mass. Price postage paid, 50 cents.

SIXTEENTH ANNUAL REPORT OF THE SUPERINTEND-ENT OF PUBLIC INSTRUCTION, for the State of Kan-sas, for the year ending Dec. 31st, 1876.

A volume of over 200 pages, giving a clear and com prehensive view of the Educational work in Kansas, DESCRIPTIVE SEED CATALOGUE FOR 1877. Wm. Ren-nie, Toronto, Canada.

CATALOGUE AND FLORAL GUIDE. Hovey & Co. Chi-

cago.

A reliable and enterprising firm, with a well-assorted and complete stock of goods pertaining to the ble rule to test all seeds themselves, and to send out nothing but what is certain to vegetate and prove true

DESCRIPTIVE CATALOGUE OF VEGETARLE, AGRICULT-URAL, AND FLOWER SEEDS. J. M. Thorburn & Co., New York. A house established in 1802, and consequently now

past the age of three score and ten; yet still as vigorous, healthy, and upright as ever.

D. M. FERRY & Co.'s ANNUAL.

Of this mammoth seed house, the Detroit Tribane says:-We feel warranted in saying that in facilities for supplying everything in their line, in the quality and quantity of seeds they sell annually, and in the rapid growth and extent of their trade, D. M. Ferry & Co. are second to no seed establishment in America. R. H. Allen & Co.'s SHED CATALOGUE. 1877. New York.

All seeds put out by this firm are grown with great care, and every precaution is taken to have them pure and reliable

AL TREES. Storrs, Harrison & Co., Painesville, Ohio.

Have over four hundred acres devoted to this business, three-fifths of which are covered with nursery stock. Have thirteen green and propagating house This is the twenty-third year of their nursery. AMERICAN LEAD PENCIL Co., Hoboken, N. J.

We acknowledge the receipt of a small package of goods from this firm, which are doing us good service. The pencils seem to be made of good material and are solid and substantial.

HAWKINS & CORNISH'S Descriptive Catalogue of Choice Field and Garden Seeds, and Seed Potatoes. Goshen, Orange County, New York.

PLEASANTON'S NEW BOOK ON THE BLUE BAY OF THE SUNLIGHT.

THE INFLUENCE OF THE BLUE RAY of the Sunlight and of the Blue Color of the Sky in Developing Animal and Vegetable Life; inArresting Disease and in Restoring Health in Acute and Chronic Disorder to Human and Domestic Animals. As illustrated by the experiments of General A. J. Pleasanton Promoting Agriculture. Crown octavo cloth

Three years ago Gen. Pleasanton read before the Philadelphia Society for promoting Agriculture, a memoir, on the influence of the blue color of the sky in developing animal and vegetable life, as illustrated by experiments made by himself and otheirs, and it created so much inquiry into the subjects that the edition was all taken up and another called for, which has been issued by Claxton, Remsen &

interesting treatise of a new and novelsubject. which will not only very materially aid agriculture but also make a sensation of not a rev olution in the medical world.

A Beautiful New Song .- F. W. Helmick music publisher, Cincinnati, Ohio, has published a beautiful new song, a tribute to the memory of P. P. Bliss, the evangelist, who was killed at the Ashtabula railroad disaster. It contains a correct photograph of Mr. Bliss. The song is arranged with music for the piano and is well worth the price of fifty cents, asked for it.

THE GRASSHOPPER QUESTION.

For the past three years, the FARMER has nrged legislation upon the grasshopper question, as the only practical method of treating this important problem. The trouble is one that will not be ignored and the very severe essons of the past, prove that the only hope, of saving the crops, lies in the destruction of the hoppers before they have their wings. To do this requires co-operation on the part of the inhabitants throughout the territory where eggs have been deposited. A few citizens in each community cannot cope with the trouble, but the united effort of all the people can protect the country, save the crops, and prove to the States east of us, that we are masters of the situation. This must be done sooner or later, and all sickly fears that legislation upon this question will effect the incoming emigration must be put aside in the effort to protect those who are already here. The wise, the absolutely right course to pursue is to meet the trouble and enact such a law as will secure the most hearty co-operation on the part of the people to protect their crops when the locusts do come whether this year or next, or whenever they may come. It is a subject of very vital interest to our people whether they live in districts where eggs are now deposited or not. Many seem to entertain the opinion that in some mysterious providential way the present large deposits of eggs, which may be found in most counties of the State, will be destroyed by frost orirain or prematurely hatch during some of our early spring weather and be frozen out afterwards. The past history of the locust does not favor these hopes and we shall in all probability have myriads of locusts to contend with in the spring. The question is: What legislation should Kansas have to protect its crops from grasshoppers or more properly called locusts? We present herewith the bill introduced last winter which contains valuable points:

SEC. 1. The board of county commissioners in the several counties in the state are hereby. authorized and directed to pay as a bounty out of the county treasury, as follows: For collecting and destroying every bushel of locusts eggs, the sum of five dollars; for collecting and destroying every bushel of unfledged locusts, the sum of sixty cents.

SEC. 2. Any person wishing to avail him-self of the provisions of this act, shall, upon the collection of the locusts eggs or young locusts, deliver the same to the township trustee or street commissioner of the township or city respectively wherein the collection was made, and shall measure and burn the same in the presence of two disinterested house holders. The claimant shall make affidavit of the quanity collected, delivered, measured and destroyed which shall be supported by the affidavits, of the two householders above mentioned, which affidavits verified by the certificate of the officer in whose presence the eggs or young locust were measured and destroyed, shall be filed with the county clerk. If the board of county cemmissioners shall be satisfied of the correctness of the claim, they shall direct warrants to be drawn on the county treasurer for the bounty herein provided for, together with costs at the rate of ten cents for each jurat herein required.

SEC. 3. The affidavits required by the last preceeding section shall be made before the township trustree or street commissioner herein named, which officers, for all purposes in aid of the execution of this act, are hereby authorized to administer oaths.

SEC. 4. If it shall appear that any person or officer, in the execution of this act, has made false oath or false certificate, he shall viction shall be punished by a fine of not more than one hundred dollars, or by imprisonment in the county jail not exceeding three

months, or both fine and imprisonment.

SEC. 5. This act shall take effect and be in orce from and after its publication in the KANSAS FARMER.

The following is the substance of the bill now before the Minnesota Legislature. That uniform legislation which contemplates the destruction of eggs and unfiedged locusts must be had on the part of all Western States in. cluding Minnesota, Iowa, Missouri, Nebraska, Colorado and Kansas, before the trouble is successfully dealt with, we have no question of doubt. Large portions of the States have been devastated in the past, suffering losses to the amount of millions of dollars, and there is no sensible reason why we may not conclude that the same will occur again. We have no sympathy with the shallow pretense of covering up this trouble or avoiding legislation upon the subject. We believe that a good bounty and others between the years 1861 and 1876. law in each of the States named above would Addressed to the Philadelphia Society for destroy the grasshopper pest and secure the destroy the grasshopper pest and secure the country from less loss than is now experienced from the chinch bug.

The following is the substance of the Min-

nesota bill: Fifty cents a gallon for eggs; \$1 per bu. for insects previous to June 1; 50 cents per bushel from June 1 to June 10; 25 cents per bushel from June 10 to July 1; and 20 thereafter until October 1. The bill provides for the appointment, by the County Commissioners of each county, of a competent person, with an assistant when necessary, in each Haffelfinger, Philadelphia, and is an intensely township of the districts where eggs are deposited, to receive, measure, and destroy the All the testimony it contains points to the probability that a discovery has been made which will not only very materially aid agriimprisoned in the county jail for from 30 to 90 days, and to be prosecuted by the Supervisors of the township before a Justice of the Peace residing therein. The County Audit ors, on the presentation of the certificates of the gaugers, are to make and deliver to the holder an order on the State Auditor for the sum to which he is entitled. Every ablebodied male adult under 60 years of age is required to give one day's work in each week of the period above stated, to the extent of ordinary luck in raising what has been sown, five days in all, for the purpose of catching and destroying the hoppers and their eggs. The labor service may be commuted by the Young prairie grass begins to show itself in many places on the prairies. Blue grass is two inches long in sunny spots.—Coffeyville for the purpose of the bill."

In a lator serving may be committed by the furnishing of a substitute, or the payment of \$1 a day, which is to be expended in hiring substitutes. Persons, refusing to work or pay, are fined \$2 a day. A hundred thousand dollars is appropriated from the State Treasury for the purpose of the bill."

CONCERNING SOME PRAUDS.

For the benefit of our readers, who may find the following firms advertising in other papers they are subscribers for, we wish to say that money sent to any or either of them will, we believe, never again be heard from. First on that of

A. CATELY & CO., OF NEW YORK.

'This firm advertises \$30 sewing machines and offers a complete and finished machine for \$30. The firm offered the FARMER a \$400 adto be a confidence concern void of all responsibility.

THE RALSTON JEWELRY CO., OF CHICAGO, which also has victimized a large number of publishers in the West into publishing their arge double column advertisement, is a 'snide" concern without responsibility. The head line of their advertisement is "Bankrupt Sale of Jewelry." The firm offered the FARM-ER a contract to advertise it. A reliable party in Chicago investigated the firm and stated the concern was a fraud.

DR. CHANDLER, 1479 BROADWAY, NEW YORK is reported to us by reliable parties in that city as entirely unreliable. He uses 14 inches of space to describe the cure-all properities of his humbug medicines. The Dr. offered the FARMER \$800 to insert his advertisement one year. His advertisement appears in many country, religious and a few agricultural paers. He is a high class fraud.

It is the duty of publishers to protect their readers from thieving frauds who, upon one pretext and another, secure advertising space. This is a very much more difficult work than persons unfamilliar with the publishing business would suppose. The real character of these concerns is so well covered up as to very frequently deceive the most careful and conciencious publisher. We have another los which we are investigating and will give the names and addresses within a week or two.

A FEW PLAIN WORDS TO PUBLISHERS. It is a humiliating fact that every year hum oug advertisers of one kind and another bear the publishers of the United States out of hundreds of thousands of dollars' worth of advertising. This is, however, only half the injury done. The subscribers of the papers are victimized and the publisher is thus used to help swindle his friends and patrons. The reader, who has been detrauded of his money by one of these saide jewelry, lottery, or medi ical frauds, indignantly declares all advertisers to be of the same class and thus the men who pay their bills and are doing an honorable business do not receive the benefits they are entitled to. If our State Editorial Association ever get beyond the free-ride and free-lunch business, they can do an important work for the press. At present, they are high-toned bumming expeditions, adding neither dignity nor profit to the business of publishing papers. With a view to a practical plan to protect publishers and advertisers, we suggest the following plan for Editorial Associations to discuss, viz:

That every publisher, of the State, report to the Secretary of the State Editorial Association, the name and address of every advertising fraud applying to him for space. That be deemed guilty of misdemeanor, and on coneach month, giving the names and addresses of all humbug advertisers thus reported to him which he shall send to each publisher of the state for his information. Such a course would make the columns of every paper more valuable to the readers and to the honest advertisers. The venerable and yet popular method, of securing due bills for soap, starch and patent medicines in pay for advertising, and that other equally ancient plan, of paying the wholesale price of a piano or sewing machine in cash, for the privilege of advertising to the amount of the dealer's profit, will be reserved for another chapter.

NEBRASKA AND KANSAS.

The Legislature of Kansas last week, entertained a portion of the Nebraska Legisla ture, giving their visitors a friendly greeting and offering them such attentions during their two days visit, as to leave very favorable impressions upon their minds, as to the hospitality of their Kansas neighbors.

We trust the farmers of Shawnee county will not forget the meeting to be held at Odd Fellows Hall in this city on Saturday next, Feb. 24, at 10 o'clock, to consider the propriety of a co-operative effort, to protect crops from the destruction of grasshoppers. The movement is an important one to Shawnee county. and the whole subject should receive prompt consideration, and some active co-operative measures be inaugurated.

W. W. C., who advertised six fine-bred Buff Cochin Chickens in our last week's FARMER, wishes us to state, for the benefit of other applicants, that they were forwarded on Monday to H. P. Smith, of Louisville, Pottawatomie county. Kansas.

From all parts of the country we receive most cheerful accounts as to the wheat prospects. Farmers say the outlook was never more encouraging than now, for a splendid crop. More than double the smount of last year's crop has been sown, and if we have we shall all be happy .- Great Bend Tribune.

The Burlingame flouring mill, the Burlin. game cheese factory, and the Burlingame pot-tery, are three of our manufacturing establishment now established on a sound business basis, and are in prosperous condition. The next most needed manufacturing establishment is a small foundry and machine shop, to do repairing work .- Osige Co. Chronicle.

Opinions, Facts, and Figures from Various Sources

Hartford County, Connecticut.

eat us all up. Very soon I want to tell the readers of the FARMER, how I take care of my garden, &c. The FARMER has been received every week, and we prize it very much. H. F. MERRILL.

Harrison County, Kensucky. Feb. 17.-From best information for central Kentucky would say early sown wheat and rye promise well. Acreage below average for the last few years. Stock of all kinds have wintered well. Hog cholera prevails extensively. Horses and mules are low. Cattle, hogs and sheep bring good prices. We have a home market for all our grain. Wheat \$1.85 to \$1.50; rye 75 cts., oats 50 cts. per bushel. Rate of interest is 8 to 10 per cent. J. W. MATTOX.

KANSAS.

Franklin County. Feb. 14. Winter wheat or rye not any sown of late; has been destroyed by the chinch bugs. Condition of stock good. Peaches two-thirds killed, other fruits all right, corn 23@25 oats 20c. Stock hogs 6@8c and scarce. Black-smith shop and store wanted here bad.

No hoppers lit here last fall, all favor State LEONARD BRIGGS.

Douglas County. Feb. 16. Winter wheat and rye in good condition, a good crop is anticipated. Livestock in fine condition considering the extreme cold, and much snow, and finally mud half knee deep. About one-fourth of the corn to gather yet, in this part of the county. Hogs off and market flat at \$4,75@5,15 Rates of in-

terest for money 10 to 12 per cent. J. L. BAKER.

Barton County.

Feb. 12.-Winter wheat and rye are in good condition. Live-stock of all kinds look well. The orchards are secure and young, but what is in good condition. Horses are rather dull. they are worth from \$60 to \$99. Cattle, hogs, sheep, &c., are in good demand at fare rates. Cattle (fat) or milk cows are worth \$3 00 per hundred, hogs \$5 50 per hundred, gross. Sheep in proportion. Wheat is worth \$1.00 per bushel, corn 50 cts., oats 40 cts. The loss of prairie fires have done but little damage. Their is Government land to be had within 6 miles of this place. Improved land is worth from \$10 to \$20 per acre, unimproved \$4.00 to \$8.00 per acre. Not many grasshopper eggs AARON GARVERICK. here.

Feb. 6.-Wheat and rye all killed by goph ers; some late sowing dowing well. Live stock never wintered better. Average price for horses \$75. Cattle from 2 to 31/2 per 1b. Hogs 41/2 cts. Sheep and oxen none. Corn ranges from 20 to 25 cts. per bushel. Losses by fire, slight. No government lande. Unv improved from \$3 to \$10 per acre. Improved from \$10 to \$25. The country is full of grasshopper eggs, many of them now are hatching. No means used yet for their destruction. Heard nothing said about legislation on the subject. Mills, stores, shops and mechanics enough to supply all demands. Interest asked for money is 2 per cent. per month. A. D. STONE.

Coffey County.

Web. 10.-The grasshoppers destroyed all early sown grain. Some was sown after they left and may make a partial crop. Stock of all kinds is doing well. Horses are worth from \$75 to \$100 per head. Cows \$18 to \$25; hogs, fat \$5.00 to \$5.50 gross; stock hogs \$7.00 to \$8.00. Wheat 90 cts. to \$1.00; corn 20 cts., Oats 20 cts. Butter 15 cts. per pound ; eggs 121/2. The weather is quite warm now, and if it continues so long the grasshoppers will hatch out before there is any thing for them to eat, or only to be frozen by the next cold CHAS. A. DEW.

Ness County.

Feb. 8.-Winter wheat in good condition, not as much sown as last year. Cattle look ing well, considering the hard winter we have had. Peach trees look well. Not much loss by prairie fires. No grasshopper eggs deposited in this county. Plenty of prairie claims H. P. CASON. to be taken here yet. Smith County.

Feb. 8.-Most of the winter wheat looks well, 75 per cent, more than sown before. Not much sale for horses, cattle and sheep. Hogs are in good demand at 41/2 cts. live, and 5 cts. dressed. No losses by prairie fires. Wheat worth 85 cts. per bushel; cern 25 cts., potatoes 40 to 50 cts., cats 20 to 25 cts. per bushel. There is no money to let or to hire. We want a bank. Not many grasshopper eggs depos-C. G. WHEELER. ited here.

Douglas County. Our Grange meets twice a month. We have for discussion everything in its season, last meeting our subject was tame grass; it was

Crops, Markets & Finance. decided that tame grass will be a success so far as soil and climate. That the best time to sow is the last part of Feb. or first of March. the best way to sow was on wheat or rye, and oats, if put in early. Freezing and thawing Feb. 11.—So far our winter here has or a heavy rain will put the seed in nicely ; in the list, and one we find largely advertised in been very severe with such quantities of snow, the absence of either, harrowing will do as Kansas and throughout the whole country, is as to block us in for nearly a week at a time. well and will not hurt to run over the wheat The potato bugs appeared last summer, in or rye with a harrow. One bushel of Timothy New England, being very destructive. Farm- to four or five acres, and if desired five quarts ers here have used buckwheat flour, sprink- of clover. We have had good success by sowling it on the vines. Those that have tried it ing as above. Had eighty acres cleaned out say it is deadly poison to the bugs. Here in by the Hoppers. Wheat is looking splendid vertisement, but upon inquiring we found it New England we raise very little wheat. Rye except late sowed. We would like to see the is raised some. Condition of live-stock, orch. FARMER preach a little sermon every week to ards &c., is good. Farm produce of all kinds the Farmers of Kansas about holding their is in good demand. Potatoes are worth now crops until the next is made ; when we do this \$1.25 per pushel. Tobacco is raised here, more Kansas will never be placed on the beggar's than any other crop, and the farmers are now list again, neither will we be compelled to very busy stripping it. It is prophesied now mortgage our farms to get money to send to that New England will be visited next sum- other States for grain &c. Have lost \$100, mer with bugs and grasshoppers enough to worth of hogs with cholera and others sick,

Labette County.

Fed 14, Our foretaste of spring has gone, and chilling winds of winter howl around our castle again. Winter wheat revived considerably through the warm days past. Live-stock of all kinds have fed well the past winter and are now in fine condition. Our cultivated fields promise to be very nice and mellow from the action of so much freezing the past winter. Farmers are on tip-toe for spring to come, still, we have our doubts in regard to success in an early crop, too many grasshope per eggs deposited last fall, and we are fearing the "tug of war," will begin about the first of next May. But little of the old grass is burned, and hence we will give them a warm reception. J. F. HILL.

Ellis County.

Feb. 14.—Wheat and rye is at present give ing the promise of a first-rate crop. Winter has been cold but dry. All my cattle have done well, nearly 1000 head. No deaths except from accident and in all about half a doz. en head. Sheep have done well except the late lambs of last season. No prospect of grasshoppers in western Kansas. Weather previous to the last few days was very fine.

GEORGE GRANT.

Dickinson County.

Feb. 13.-The winter wheat is looking fine in this vicinity. It is looking better on an average, than it did in the fall of 1875. There was not over two-thirds as much wheat sown in the fall of 1876 as in the fall of 1875, on account of the grasshoppers destroying the first sowing, therefore, there will be a large amount of spring wheat sown, and corn planted. Winter wheat is selling from \$1.25 to \$1.45 per bushel. Spring wheat \$1.00 to \$1.20. Barley 40 to 75 cts. Corn from 25 to 27 cts. Rye from 40 to 50 cts. Potatoes from 50 to 60 cts. Beans from \$2.00 to \$3.00 per bushel. Hay from \$4.00 to \$5.00 per ton. Good horses from \$125 to \$175 per head. Ponies from \$30.00 to \$50.00. Good cows from \$35.00 to \$50.00. Young cattle from two to three years old,\$15.00 to \$20.00. Yearling from \$8.00 to \$10.00. Sheep from \$4.00 to \$6.00. Hoge, live weight is worth from \$4 50 to \$5.00. Dressed hogs from \$6.00 to \$7.00. Grasshoppers have deposited their eggs in this locality, but the older settlers think they will do no harm the com-

SALES OF BERKSHIRES AND FANCY CHICKENS.

The following sales of Berkshires and Fancy chickens are reported by W. F. Swift, Ot-

1 Berkehire pig sold to Preshaw and Jones, Ottawa, \$13.25; 1 Berkshire boar pig sold to John Lester, Ottawa, \$5.00; 1 Berkshire boar pig sold to Henry Crane, Ottawa, \$15.00: 1 Berkshire boar pig sold to W. J. Hills, Greenwood, \$4000; 1 Berkshire boar pig sold to Dave Miller, Ottawa, \$10.00. 2 Partridge Cochin Cockerels to Henry Keeffer, Centropolis, \$2.00; 1 Light Brahma Cockerel to C. B. Olin, Ottawa, \$1.00; 1 Light Brahma Cockerel, 6 Light Brahma Pullets, 1 Partridge Cochin Cockerel, to Henry Crane, Ottawa, \$8.00; 1 Partridge Cochin Cockerel, to H. Edgeworth, Le Loupe, \$1.00; 3 Light Brahmas to J. C. Armstrong, Ottawa, \$3.00; 2 Light Brahmas to E. C. Robinson, Thayer, \$2.00; 1 Light Brahma to Abner Riddle, Ottawa, \$1.00; 1 Light Brahma to J. P. Harris, Maywood,

The Nurseryman's Directory For 1877 .- This book is an indispensable requisite to every Wholesale Nurseryman, Florist or seedsman, and fills a long needed want. It contains much valuable information as to kind and extent of business of those in the trade and is arranged alphabetically by States, Post offices and Names, so as to be of easiest reference. The publishers, Messrs. D. W. Scott & Co., Galena, Ill., have rendered the trade valuable assistance in placing those in the trade in more direct communication with each other, and their enterprise should be liberally patronized. The price of the work is \$10 per copy. Address as above.

SALES OF BERKSHIRES .- The following report of saler has been received from Mr. Solon Rogers of Prairie Center, one of our most successful breeders:

Have sold si nce last report, to W. T. Pickrell, Ottawa, sow pig \$25.00; to J. D. Chamberlain, Ottawa, boar pig \$20.00; to W. F. Swift, Ottawa, sow and sow pig \$80.00; to D. M. Dail, Osawkie, Jefferson Co., pair of pigs \$35.00; to Gus. Thompson, Edwardsville, Wyandotte Co., pair of pigs \$30 00; to Messrs. Hastings & Barnes, Denver, Colorado, boar pig. \$20.00; to H. A. Bailey, Clinton, boar pig. \$20.00; to Oscar Helstrom, Clinton, boar big; to Theron Higby, Ft. Scott, two sow pigs \$30.00. Have just received from Snell's Sons, Canada, an imported boar pig, bred by Heber Humfrey, Eng. Is out of "Duchess of Swinetown" and is a most splendid pig, shall use him to a good number of my sows.

Parties have shown us during the past week real live grasshoppers which the warm sun had hatched. It is the opinion of farmers that this premature hatching will be the death of the grasshoppers, and that no fears need be entertained about the pests.—Marysville News.

From farmers living in various parts of the county we learn the wheat is in splendid con-dition, and the prospect for a large crop is excellent. Kansas vs. the World.-Mirror and News Letter.

A. Moorhead living near Sabetha, father of A. Moorhead living near Sabetha, lather of A. Moorhead, Jr., of the firm of Moorhead & Collins of this place, has over 10,000 bushels of corn in crib, raised by him last year, most of which he intends feeding to stock during the present season.—Sabetha Advance.

THE BUSINESS OUTLOOK.

The subsidence of the intense party feeling that has existed in all parts of the country for almost seven months past, and particularly for the last three, is succeeded instantly by a very much improved feeling in all business circles. It is a thing of exchange congratulations over. Capital feels a renewal of confidence industry places are bone, and dence, industry plucks up hope and courage and men begin to recognize that there is hard work all waiting to be done for the general recovery from a long three year's stagnation. The great business centers respond unmiss takably to the welcome charge. With the balance of trade with Europe so surprisingly in our favor, with the home markets so bare of supplies and consequently a ready call for all classes of manufactured goods: with debts liquidated, prices at the bottom, and geld at a premium merely nominal, there is every reason why a new start should be given to buisness and all forms of industry in the opening of the spring, and on a basis so sound that it will be permanent .- Drover and Stock Reporter.

The English are going wild over American beef and mutton, Of late years these items of the Briton's bill of fare have been too expenalve for the majority of people, and the efforts to import rabbit meat and beef from Australia, and cattle and beef from Brazil have falled either to bring prices down or give satisfaction in any form. American beef and mutton exactly meet the need of the hour in every way. They reach England in splendid condition, and sell for from 4d. a pound for bits to 9d, a pound for choice pieces, which is 2d, or 8d, less than the home article. Connoisseurs declare that American beef and mutton bear evidence of being better fed. The press is in rhapsodies, and cannot mention the subject without quotations from Virgil and Dickens, The Trade is growing very large. 700 tons sometimes arriving at Liverpooljin one day. It sells immediately, and is now marketed in London, Liverpool, Manchester, Sheffield, Birmingham, Nottingham, and many other towns.—Drover and Stock Reporter.

Kapeas City Market.

PRODUCE.	
BEESWAX—Per lb 28 BUTTER—Per lb—Choice 14to15 CHERSE—Per lb 11to12 OIDER—Per bbl 7.00to8.00 RG9S—Per doz—Fresh 10to11 POTATOES, per bush 70 to 80 Lard 12½ TALLOW 6½ to 7 FEATHERS—Per lb—Mixed 2010.93 45to60 45to60	
Prime Live Geese 2.40t-2 70 FLOUR—Per cwt—Rye. 2.40t-2 70 XX 3.00 XXX 3.00 XXXX 8.60 CORN MEAL—Per cwt 90 Kiln dried, per bbl 2.00to2 15	

	XXX 3,00 XXXX 8,50 90	6
	CORN MEAL—Per cwt. 90 Kiln dried, per bbl 2.00to2.15	
	Topeka Produce Market.	
	Grocers retail price list, corrected weekly by J. A. Lee. Country produce quoted at buying prices.	
	APPLES—Per bushel	
	Medium 1.50 Common 1.00	
	Castor	
	BUTTER—Per lb—Choice	-
	CHEESE—Per lb	1
	HOMINY—Per bbl. 5.25to5.50 VINEGAR—Per gal. 20.30	1
	POTATOES—Per bu	
	Chickens, Dressed, per lb 08	1
	Turkeys, " 10 Geese. 10 SWEET POTATOES—Per bu	1
	ONIONS—Per bu	
1	CABBAGII I di documento	

	ABBAGA-T CI GOZOLI	3 1.00
	Topeka Retail Grain Market.	
	Wholesale cash prices by dealers, corrected w	eekly
	hy W. Edson.	
	WHEAT-Per bu. spring	.71
	Fall No. 2	1.20
	" No.8	1.1
	" No.4	1.0
1	CORN—Per bu. New	.2
	" WhiteOld	.2
	" Yellow	.2
•	OATS-Per bu	í
	RYE—Per bu	
	BARLEY—Per bu	3.
	FLOUR—Per 100 lbs	3.
	" No. 2	2.
	110. 0	3
	CORN MEAL—	
	CORN CHOP—	
	RYECHOP—	1.
	CORN & OATS	100
	Bran	17
	Short	-
	Short	

4

HIDES—Green...
Dry Flint
Dry Salt
Calf, Green...

Prairie Wolf.
Otter.
Mink
Raccoon
Badger.
Wild Cat.
Skunk, Black.
"Short Striped.
"Long Striped.
Pole Cats.
Opossum
Deer, dry, per lb.
Beaver, dry and clean, per lb.
Muskrats.

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

Read the advertisement of Mr. Coburn's BERKSHIRES. Mr. C keeps no travelling menagerie of pampered pigs, made up to take premiums at country fairs, but is one of the common sense, practical sort, who keep hogs for the pork and lard they will make, and is satisfied with none but the best, His Berkmish high class stock at such prices as farWanted in exchange for 240 Acres of Land in
Missouri. Address shires fill the bill. He assures us he will furmers can afford to pay.

THE SEASHORE AND WATERING PLACES. Of the East become uninviting after frequent

visits, but the wonderful scenery of the Rocky Mountains and the magic waters of Rocky Mountains and the minerals springs have continued interest for the tourist and unfailing benefits to the invalid. The Kansas Pacific Railway is the valid. highway to all the great resorts of the Mountains. Buy your tickets direct to Denver over the Kansas Pacific Railway. Send to S. E. Cornell Act. General Pass. Agent Kansas City Mo. for descriptive pamphlets.

FURST & BRADLEY.-We have before us the Catelogue of plows and other farm implaments and machinery for 1877. of the Furst & Bradley Manufacturing Company of Chicargo. Ill. It is a neat pocket pamphlet, and besides a description of machinery contains much valuable information in the form of tables regions. The subsidence of the intense party feeling hat has existed in all parts of the country or almost seven months past, and particularly or the last three, is succeeded instantly by a cort much improved feeling in all business of the best manufacturing firms in the country, and all readers will do well to make their and all readers will do well to make their acquaintance. Send for the little catalogue to begin with. It is sent free.

We call attention to the advertisement of the Singer Company elsewhere in this paper, parties frequently complain of their Sewing Machines running hard and, out of fix, when the trouble, nine cases out of ten is in the poor oil and needles they use. The Singer Company always keep the best of every thing as and reasonable prices.

The best gift to give your enemy is forgive ness; to your opponent, tolerence; to a friend your heart; to your child, a good example, to a father, deference, to your mother, conduct that will make her proud of you; to yourself, respect; to all men, charity; and to the sick, respect; to all med, chairly simmons Liver Regulator I found it excelent for sour stomach, indigestion, dizziness and headache.

A. J. ADKINS. headache.

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

Respectfully, HARTSOCK & GOSSETT, 135 Kansas Avenue.

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If you wish to borrow money upon Real Estate, and get your money without sending paper East, and at reasonable rates, go to the Kansas Loan and Trust Co. Topeka

THE "IRON TRAIL."

A spicy sketch descriptive of a trip over the Atchison, Topeka and Santa Fe Railroad and of the beauties, scenery and pleasure resorts of the Rocky Mountains, by "Nym Crinkle," the musical and dramatic critic of the New York World, sent free on application, together with the San Juan Guide, maps and time tables of this new and popular route from Kansas City and Atchison to Pueblo, Denver and all points th Colorado, New Mexico, Arizona and the San Juan Mines. The finest line of Pullman Sleep-ers on the continent between the Missouri river and the Rocky Mountains without change. T. J. ANDERSON, Address. Gen. Passenger Agent

ADVERTISEMENTS.

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

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EVERY DAIRYMAN SHOULD USE

WELLS, RICHARDSON & CO.'S

It adds five cents per pound to the value It gives a pure rich Dandelion color.

It imparts no taste or smell.

It is as harmless as salt.

It is better than Carrots.

It is better than Annatto.

It is better than any other coloring,

Foreign or domestic, liquid or solid, The Asample sufficient to color fifty pounds of butter will be sent to any address, postpaid, on receipt of ten cents. Every Dairyman who wishes to realize the highest price should give it a trial now.

The energetic man wanted to act as agent in every town. Liberal terms to the right man, For terms and territory, Address at once,

WELLS, RICHARDSON & Co., Burlington, Vermont.

BERKSHIRES!

Broad backs, heavy hams and shoul ders, short legs and heads, abundant hair, good constitutions, with purity of blood, and good size combined, with early maturity, make my BERKSHIRES unsurpassed. I breed but a few and those of the best.

Prices right. F. D. COBURN,

Pomona, Franklin Co, Kansas.

PRIME FRESH APPLE SEEDS. APPLE SEED for sale, at low rates. Address. Address. Address. X. Y.

EUROPEAN LARCH AND EVERGREEN

Be t Stock and lowest prices in America. CATALOGUE FREE. Send before purchasing elsewhere.

D. HILL, Dundee Nursery,
Kane County, Ills.

\$102\$25 a day sure made by Agents selling our Chromos, Crayons, and Reward, Motto, Scripture Text, Transparent, Picture and Chromo Cards. 100 samples, worth \$4, sent postpaid for 75c. Illustrated Catalogue free.

J. H. BUFFORD'S SONS, BOSTON. Estab'd 1830.

SHEEP

F. E MILLER, Frankfort, Kansas

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WOOD AND IRON BEAM

Our experience in the manufacture of this Sulky Plow—it having been eleven years before the public —has enabled us to discover and apply to the original machine many additional good points, and to remedy whatever objectionable features may have presented themselves. This places us far in advance of the experimenters, who, from the high reputation of our Plow, have been forced into making Sulkirs, which they are lauding to the skies, but which are in reality crude, and comparatively untried. Don't be deceived by their high-sounding advertisements and pretentions claims, but before you buy, see the "Furst & Bradley," which has been so long and thoroughly tried and "not found wanting." They are so simply and so easily handled, that a boy 13 to 14 years old can easily do as much plewing with them as any man, besides, they are not team killers. They will completely

will completely

Cover Weeds and Cornstalks

(Higher than Your Head) Without Choking.

Send for our Descriptive Pamplet of 63 pages, furnished free, containing 40 illustrations and full descriptions of all we manufacture, such as Stirring and Breaking Plows, Sulky and Gang Plows, Walking, and Combined Riding and Walking Cultivators, Horse Hay Rakes, Harrows, Scrapers, etc. Also containing many Tables, Recipes, Postal Laws, Medical Hints, etc., invaluable to the farmer and the household. We have them printed in English, German, Norwegian and Swedish.

FURST & BRADLEY MANUF'O CO., 57 to 63 N. Displains St., Chicago.

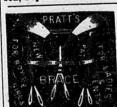
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We have on hand 150 bushels of Spring Barley, at a pay price.

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sedentary habits. Sold by
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Prove all things; hold fast that which is good. Everything warranted as represented. Our Catalogue for 1877. Containing lists of seeds for the farmer, gardner, florist, and awaren sent free; or the Catalogue and 8 packets of extra choics Flower Seeds sent for 25c. S. L. Fuller & Co., Des Moines, Iowa.

100.000 BEDDING PLANTS, in collections of 100, 50, and 20 each to beautify Western homes. Club rates liberal. each to beautify Western homes.

Send for descriptive list.

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AND ATTACHMENTS.

Farmers should bear in mind that ev ry thirg in the line of Sewing Machine Attachments, Needles, Oil and the different parts of Machines, are kept constantly on hand at the Singer Office in Topeka. These goods are bought direct from the different Companies and are, therefore, perfect, every part warranted. Needles Socts, per doz. by mail. Pure Sewing Machine Oil put up in any quantity. Old Machines repaired at reasonable prices or taken in exchange for new ones. Orders by mail filled promptly the day received.

ceived.

The following is a list of Machines for which
Needles and parts are kept constantly on hand. Singer, Howe, Blees, Domestic, Grover & Baker, Wheeler & Wilson, Florence, Wilcox & Gibbs, Weed, Wilson Shuttle. Victor, Remington, Astna Manhattan, rican, Elliptic and Hand Machines.

Office 235 Kansas Avenue. Address. Kansas. Sing r Agency Tope'rs, Kansas.

SWEET POTATOES.



argest stock of choice fresh seds, shipped directly from the grower at following prices. Red Nansemond, Red Burmuda and Southern Queen, per bu. \$150 per bu. Yellow and White Nansemond, Red and Black Spanish and Brazil per

Address E. C. Chase,

Glenwood, Johnson Co., Kansas AMSDEN JUNE PEACH,

Earliest, Hardiest and Best.

Ripe here June 27th, 1876, large as Hale's, highly colored and delicious. Buds by mail \$1 per hundred, by Express \$5 per 1000. L. C. AMSDEN, Carthage, Mo.

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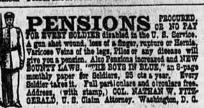
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The Annual Volumes of Harper's Bazze, in neat cloth binding, will be sent by express, free of expense for \$7,00 each. A complete Set, comprising Nine Volumes, sent on receipt of cash at rate of \$5 25 per vol. freight at the expense of purchaser.

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Newspapers are not to copy this advertisement without the express order of HARPER & BROTHERS. Address HARPER & BROTHERS, New York.

FORTY YEARS BEFORE THE PUBLIC. DR. C. MOLANE'S CELEBRATED LIVER PILLS.

FOR THE CURE OF Hepatitis or Liver Complaint, DYSPEPSIA AND SICK HEADACHE.

Symptoms of a Diseased Liver. AIN in the right side, under the edge of the ribs, increases on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes the pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for a rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternative with lax; the head is troubled with pain, accompanied with a dull, heavy sensation in the back part. There is generally a considerable of memory, accompanied with a painful sensation of having left undone something which ought to have been done. A slight, dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled, his feet are cold or burning, and he complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every remedy. Several of the above symptoms attend the disease, but cases have occurred where few of them existed, yet examination of the body, after death, has shown the LIVER to

have been extensively deranged. AGUE AND FEVER. DR. C. M?LANE'S LIVER PILLS, IN CASES OF AGUE AND FEVER, when taken with Quinine, are productive of the most happy results. No better cathartic can be used, preparatory to, or after taking Quinine. We would advise all who are afflicted with this disease to give them A FAIR TRIAL.

For all Bilious derangements, and as a simple purgative, they are un-

equaled. BEWARE OF IMITATIONS.

The genuine Dr. C. MCLANE'S LIVER PILLS are never sugar coated. Every box has a red wax seal on the lid, with the impression Dr. MCLANE'S LIVER PILLS. The genuine MCLANE'S LIVER

PILLS bear the signatures of C. MCLANE and FLEMING BROS. on the wrappers. Insist on your druggist or storekeeper giving you the genuine DR. C. MPLANE'S LIVER PILLS, pre-

pared by Fleming Bros., Pittsburgh, Sold by all respectable druggists and country storekeepers generally. To those wishing to give Dr. C. McLane's LIVER PILLS a trial, we will mail post paid to any part of the United States, one box of Pills for twenty-five cents.

FLEMING BROS., Pittsburgh, Pa.

Farm Stock Advertisements



HORSES. PERCHERON-NORMAN FOR SALE

Eight splendid stallions of this celebrated breed arrived at my stables Sept. 28th, direct from France I selected them mysel; and they are good ones; all stylish animals, with extraordinary action for such large horses Send for descriptive catalogue, prices, terms, etc.

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BLANDER

Twas but a breath-And yet a woman's fair name wilted. And friends once warm grew cold and stilted. And life was worse than death.

One venomed word, That struck its coward, poison blow, In craven whispers, hushed and low-And yet the world heard.

'Twas but one whisper-one That muttered low, for very shame, That thing the slanderer dare not name, And yet its work was done.

A hint so light, And yet so mighty in its power. A human soul in one short hour Lies crushed beneath its blight.

NIP AND TUCK.

I don't know that philosophy has ever explained why all men hate cats and all women love them. I say all because the exceptions are effeminate men and masculine women

To me the question present no difficulties whatever. I know in my heart that the bitter animosity which one sex feels for the feline race is owing wholly to the preposterous and utterly irrational manner in which women go on about cats. If ever you wish to arrive at a speedy summary of a woman's inconsistency, want of logic, and excess of perversity and incomprehensible sentimentalism, just watch her relationship to the cat. The more worthless the animal, the more she dotes on it. The more bloodthirsty and cowardly, the more she extols it. If you can demonstrate that it is a treacherous fiend, that sucks the baby's breath when her back is turned, and steals all the milk and tit bits the moment the kitchen-door is shut, she will go and stroke its back in trans. cendent sympathy.

When I was quite a small boy, I brought home one day a little spaniel pup. He couldn't have been more than eight weeks old. My aunt had a monster tom cat, a twelve pound war-horse, a battle-scarred veteran that had eaten more canary birds and killed more robins than any monster of its tribe in the country. She called it Zeph, which was an affectionate abbreviation of Zephyr.

Well, it fell upon my spaniel pup, fastened its talons on either side of the innocent's face, and proceeded to chew his little pink nose off This was bad enough. But imagine my feelings—my outraged sense of justice—when my aunt appeared upon the scene with a broomstick and many screams, and proceeded first to break the back of my harmless pup, and then to upbraid me in unmeasured terms for bringing a great, nasty dog into the house to worr her poor cat.

I nursed that pup for a long time and then buried it. I think I vowed over its little grave behind the barn, to avenge its death. Zeph and I exchanged looks of contempt for a long time atterward. He knew that I hated him cordially and I felt that he depised me.
One day Jim Folsom, the butcher's boy

brought down his bull dog to the house. He told me that it worried cats beautifully. My aunt was away that afternoon, and I had got Jim to happen round with the animal, acwere. I shall never forget my astenishment at that dog. It was an old, dilapridated, brindled hybrid, that held his head down, with his nose to the ground, and had a habit of staring spasmodically, as if some one were about to kick him. I tried all my powers of persausion to get Zephyr out into the yard without avail, and we finally, in sheer desperation, took the dog into the kitchen. We had to do it by main force. The moment Zeph got his green eyes on him he made a straight spring, and landed on him like a leopard.

The rest of the scene lives in my memory like a fire or a midnight assault. The process of whipping that cat was to me one of the most momentous proceedings in my juvenile history.

All at once we were assailed by a series of the twelve and fourteen pounds, and they yapped ing rats at night? Tell his aunty what makes most deafening yells, barks, yelps, squeals. and sputters that ever issued from an animated creature. Dog and cat were lost in a whirling chaos of fur. They plunged under the table upon which the pumpkin-pies were cooling; they upset all the tine and cookery; and finally the table itself. They tore up all the rag carpet, knocked down the stove pipe, rolled over and over, slinging blood and pumpkin in all directions, and then, with one super canine howl, the dog plunged through Jim's legs and out the door, where Ben, the stable man, hit him over the back with a pitchfork, and across the fence, where my uncle struck him with a brick on the hind leg. The last we saw of him, he was tearing down the road in a cloud of dust, with a posse of men and boys after him, all under the vain delusion that he had the hydrophobia.

Half an hour later that cat way lving upon a cushioned chair near the stove, purring peacefully, with one eye shut—a fit symbol of the invincible—while a group of horror-stricken women repaired damages, and informed me that an abandoned wretch who would worry a poor innocent pussy would assuredly end his days on the gallows

For a long time after that I gave myself systematically to the study of Zeph. He disabled two black-and-tan pups; he killed two yellow birds that cost me a week's work to trap. I found by actual experiment, that he could not be hit by a clamishell; for Charles Parsonswho, to use his own phrasealogy, could "scoop the head off any ki-yi at a hundred yards" with that missile—came up at my request, and practiced one whole afternoon without getting

I satisfied myself that "Spanish buttons" were "no go." I got some strychnine from the boy in the drug store, and fixed it nicely in a piece of cold mutton. Then I made up with Zeph, stroked his back, tickled the top of his head, called him pet names, and offered him a nice dainty little repast. But he only rolled up his green eyes, pulled the meat open, looked inside of it, and walked off

As for shooting him, that had been tried too often. He rather courted that sort of fun. His loins and neck were so full of buck shot that I honestly believe he let himself get fired at in order to become iron clad.

I never fixed him. On the contrary, he fixed me. I made a futile effort to get up a combi-nation against him in the family. I opened on him with statistics. I proved to my mother that he had killed Uncle Zeke's mocking bird and that he had killed the two orioles that had a nest in the maple. I sat up all one night to see him carry off the mutton chops, and steal through a hole in the cellar window and distribute them among his paramours and confederates on the back porch. My mother, as kind. indulgent, and sensible women as ever lived, distinguished people and they finally promised lost all her virtues the moment the cat question was opened. She told me it pained her to them.

to boarding school, to the meanest cruellest old pedagogue in Christendom. Mark this: he was an old friend of Aunt Sarah's.

In 1865 I was living in Thirty-second street and somehow believed like great many other fatuous fellows who get married and pay the

bills, that I was my own master.

My aunt's cat was perpetuated in my wife's sister's pet. Poe's raven was an evangel of love by the side of that cat, and for a year that monster was master of the place. It lived on English sparrows—anything less was not good enough for his lordship. My wife's sister had a theory that he employed his waking hours in ridding the ward of rats. I can take my oath that, gorged and pampered, he would turn out of his way if he met one. He slept by the fire in the basement all day. At night he was religiously put out, as my wife's sister said to have read a good many stories about animal sagacity, but I never read or heard any tong the qualed that dog's comprehension of what I wanted. The moment I opened the closet door six inches wide, he made a straight bolt for the cushion and the cat, and landed square on the things hear. back shed in a select council of abandoned voluptuaries like bimself,and carry on his amorous pursuits to a chorus that would have

Let me put myself right because my wife's sister's friends will undoubtedly have this arti-

cle sent to them marked.

If you go up to that house in Thirty-second street, you will find the back fence in the yard the roof of the woodshed, and the grape arbor full of bullets that were aimed at that cat in as the revolutions slacked up, I perceived that vain. But I desire to say here that the hellish noise of that monster at night did not aggravate me half as much as the devilish human kindness with which he was treated by the had been lying in wait in the hallway, pounced on the dog unawares, and before Bruce could rescue the poor fellow, had bitten him through stretched upon its cushioned chair, purring as innocently as a kitten that knows no guile The women instantly came to its rescue, and I was mistaken. It must have been some other

It occurred to me one day that human in telligence, if concentrated upon the question, must be superior to the instinct of a cat. Then tried diplomacy and thought to win my wife's aid. I rushed down to her one day, crying, with genuine horror in my voice and face, that seen that infernal cat sitting upon the baby's breast in the cradle. I had thought it as that we safe to count upon the material instinct in this credit it." case. Alas, my wife only replied, "Why Dolph,how absurd! Jane(that's my wife's sister) has carried Tom down to Sarony's to have his ally have ambition enough to purr. I thought photograph taken."

Then when he swallowed the skylark that Ned Bannister gave me, I hired the ashman to carry him off one morning, before the women were up. You know the result. The beast was back in five hours asleep on the cushion, and by some language, known only to cats and women, it conveyed the true state of the case to my wife and my wife's sister, and there was coldness in the family for a week.

I believe I was as mad then as Lever was in my life, and I went and consulted Bruce.
"Get a fox terrier," said he. "They train 'em in England to kill cats. Try a thoroughbred English bull!"

This revived my old notion of keening a dog discarded the idea of the bull, for fear that, in the work of extermination, he wouldn't stop at the cat, and might even carry his vengeance beyond my wife's sister; but I sent out for two fox terriers. Instead of fox terriers, my agent brought me back, in the Ville de Paris, two Badlington dogs. Shaggy, wiry, anxious little nd snapped incessantly.

I believe I was griavously disappointed, not to say disgusted. "What, in Heaven's name," to say disgusted. I cried, "did you bring me these poodles for I had set my heart on a dog that would kill a

"I know it," said my agent, "so I picked these. Either of 'em will warm a cat in seven minutes. If he don't I'll give you a hundred dollars for him."

Then I brought my prizes off, and named them Nip and Tuck. Tuck was the male. A more gallant little animal I never saw. As near as I could get at his pedigree, he was a combination of the Scotch terrier and the Welsh harrier, with a strain of the Skye in him He had the rough, wiry coat of one, the cottony head of the other. His chest was deep and wide his loins were trim and knotted hard with muscles. His fore legs were light, straight and symmetrical as a cat's. I examined his teeth. They were all there, clean and sharp. He had no dew claws, which made me suppect his strain of Skye blood. Altogether, I never saw such a bundle of strength and agility, such respiration, such courage, and such bottom in so small a compass,

"What hideous brutes!" exclaimed my wife, jumping upon a chair.

"Bloodthirsty monsters!" cried my wife's sister ,backing up against the door. hydrophobia in every expression."

'If you will have dogs, my dear," continued my wife, "why do you not get Spitzes—those beautiful white Spitzes?"

"Spitzes!" I exclaimed with horror. "Why they are the fiercest animals outside of the African jungle. They'd worry the cat. Now, these timid little beauties wouldn't harm s mouse. That's what I wanted to speak about. You see they're famous dogs. That one,drag ging up the carpet in the corner, belonged to the Marquise of Lorne. She lost it in St. James Park one day. It was stolen and sent out here. I got it dirt cheap and thought some of sending it back, with my compliments, to the orig-nal owner. The other one, trying to get under the door, was one of Eugenie's pets, and was sold when she went into retirement. They're very valuable but we've got to look out for the That Tom of yours would make mincemeat of 'em in a twinkling. The last thing the man said to me was, 'They're a nervous kind of dog, and the sight of a cat sets them wild.' Here, come here, Tuckey," I cried; "nice

Tuckey.' But Tuckey had his nose under the door that led to the pantry, and was excavating a passage at a rapid rate through the ingrain carpet. I felt morally certain that if that cat was not

in the pantry, he had left his scent on the sill. discovery that the animals had belonged to

the heart to see such a bitter, revengeful spirit in her own flesh and blood. What had aunt Sarah done to me, she'd like to know.

About two week after that I was packed off shame, you know to have them torn to pieces." "Yes," she said, "and it would make such a nasty muss. Who would have though that the Marquise of Lorne had such a peculiar

You can understand from these vary pressions what my after opinion was upon the cat question. With an honest affection for my wife that I thought I'd go and take a early my wife that I thought I'd go and take a early my dogs before breakfast, I left her stroll with my dogs before breakfast, I left her innocently settling herself for another nap, and went up and let out my beauties. We had the lower part of the house to curselves. I got them into a closet, while I let in the cat, which

religiously put out, as my wife's sister said to square on the thief's back. If there had been hunt for vermin, but in reality to sit on the ute could not have been more exhilarating. I could not see anything but a whirling periphe-ry of indistinct legs and tails. They probably made four hundred revolutions in a second and a half, and that is too rapid for an untrained eye. I sat down in a comfortable seat; conuding to stay awhile, for I had a notion by the unusual sounds, which the astonished fel-ine monster made, that something was interfer-ing with his windpipe. And that was true, for

Tuck had him by the throat. Determined to see fair play, I cried out to encourage the cat, "Why don't you bite him women. Bruce came to see me one day; he had a little ten-ounce black and tan with him.

Once he broke away with a most pushing the yell. But he only got five feet. The terrier was on him again, and, despite claws and teeth was on him again, and, despite claws and teeth in the same place. I enjoyed it. through the fore leg and run? It's only a dog.' fastened him in the same place. I enjoyed it, I believe, about ten minutes. At the end of that time it was very evident that the dog was the fore leg, after which he ran down stairs. I just warming up to it, but the cat was getting followed it down with dire intent. What do groggy. So I pulled Tuck off. "Now," I reyou think the crafty thief did? I found it marked to the dilapirated monarch of the base. ment, "you can get up in your chair and purr To morrow morning we'll try the other fellow." I neversaw such a demoralized catin my life

Like all sneaks, he gave out all at once when he met his match. At the breakfast table I told the women that their Tom had thrashed one of my dogs pretty

My wife's sister said it was too bad. But there was I thought, a little gleam of triumph in her eye, as she stroked her pet, and remarked, "Who would think that such a docile beauty as that would fight any thing. I can hardly

I detected an effort of the cat intellect to communicate the real facts to my wife's sister. But the cat vocabulary was evidently not equal to

the emergency.

The next morning I let Nip out, and she licked him within sninch of his life. I began to take a new interest in life. Many of its possibilities were just dawning upon me.

"By thunder!" I remarked, at the breakfast table, "that cat of yours jumped on my other dog this morning, and mauled her severely." "Well," said my wife, "I'm afraid yon'll have to send them away. It would be too bad

"We'll have to talk to Tommy," observed my wife's sister, with playful reproaches, as she stroked her favorite. "We'll have to give him a talking to, we will; it's a naughty quarrelsome boy."

I wonder if a cat, among its other unique talents, has an appreciation of a keen practical joke. Do you know, I fancied the monster rolled one of his green eyes at me as my wife's

him set so foolish " With that I rushed off to Bruce. "Hug me,

old boy," I cried. "I've got the bulge on my wife's sister !" "Bulge?" said Bruce (he was a Columbia boy). "Did I understand you to say

bulge?" "Yes. That cat of hers. You know it. Well. Ha! ha! ha!" 'Well ?"

"It goes off every night on a debauch, and comes back in the morning to recuperate. Then my dogs whale him like blazes before the women come down. Ho! ho! He! he!" "By the tears of the holy crocodile!" exclaimed Bruce, "I'll come over and see it. Do you know you can make a fortune letting your logs out to married men ?"

He did come over. We both yelled with de-light. We calculated that if that cat would only hold out, we could lick him three hundred and sixty-five times every year. I never saw such a heavenly expression of ineffable resignation and trust in the divine order of things, as that which came into Bruce's face as he footed up this result.

But the cat did not held out. He got pretty bad the fourth morning, My wife's sister said he had the pneumonia. I think myself that his spine was dislocated, and his windpipe was chewed through, for I noticed his purr did not connect.

On the fifth morning, when I tried to coax him in with tender and winning tones, he looked at me a moment, then he turned tail, and went feebly over the fence, out of my sight;

and into my dreams forever. If any married man has to live in the house with his wife's sister; and she has a cat.let him address (terms easy)-Nym Crinkle, in Spirit

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5-10 Fachsias, best Double and Single.

6-12 Monthly Carnations, assorted.

7-10 Pelargoniums, finest assorted.

8-12 Choice Coleus, assorted colors.

9-12 Theroses, extra large hables.

8-12 Unotee Coteus, assorted colors.
9-12 Tuberoses, extra large bulbs.
10-18 Basket Plants, assorted.
11-2 M. Roses 4 Geraniums, 6 Verbenas, 2 Fuchsias, 2 Carnations.
12-4 Geraniums, 6 Verbenas, 2 Coleus, 2 Tuberoses, 2 Carnations.
13-6 Verbenas, 3 Geraniums, 2 Fuchsias 2 Pelargoniums, 3 Tuberoses.

13—6 Verbenas, 3 Geraniums, 2 Fuchsias 2 Pelargoniums, 3 Tuberoses,
14—2 M. Roses, 4 Verbenas, 2 Geraniums, 2 Cloeus,
2 Carna ions, 2 Fuchsias,
15—8 Carnations, 6 Verbenas, 4 Coleus,
2 Pelargoniums.

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

Our annual Descriptive Catalogae sent on application.

PAUL BUTZ & SON.

"Croton Floral Gardens,", Correspondence Solicited.

NEW CASTLE, PA

THE STRAY LIST.

trays for the Week Ending Feb. 31, 1876

Allen County-8. S. Stover, Clerk. BTEER—Taken up by A. W. Fleniker, Ceage Tp, one of and white mixed steer, one year old, small size STEER Taken white mixed steer, one year old, smart survey and and white mixed steer, one year old. To, one bay MARE—Taken up by J. A. McGarley, Iola Tp, one bay mare, two years old past, small black stripe down the back, small black spot on right hip. Valued at \$25,00.

MARE—Taken up by Adam Main, Deer Creek Tp, one black mare, amail white star in forehead, right hind foot black mare, amail white star in forehead, right hind foot white, star sold. Valued at \$30,00.

MARE—Taken up by C. M. Epler, Iola Tp, one bay pony and the nose, collar marks, right hind foot white. Valued at \$25,00.

on the hose, collecting at \$23,00.

IORSE—By the same, one dark sorrel horse, two years HORSE—By the same, one bay colt, dark, right hind foot white. Valued at \$20,00.

COLT—By the same, one bay colt, dark, right hind foot white. Valued at \$13,50.

OOLT—One sorrel colt, white stripe in the face. Valued at \$12,50.

Bourbon County-J. H. Brown, Clerk.

HORSE—Taken up by L. C. Shephard, Mill Creek Tp. one bay horse, right hind foot white, about 15 hands high, four years old. Valued at \$56,00.

STEER—Taken up by J. M. Davis, Frankin Tp. one two year old steer, white, no marks or brands visible. Valued at \$15,00

MARE—Taken up by Allen Stewart, Freedom Tp. one dark bay mare, four years old next spring, about 14% hands high, left hind foot white, with colar marks, no other marks or brands. Valued at \$60,00.

MARE—Taken up by Jeptha L. Moore, Timberhill Tp. one bay mare, some white in her forehead, branded with the letter M on her left shoulder, 14% hands high, no other marks or brands perceivable. Valued at \$40,00. Brown Co.-Henry Isely, Clerk.

STEER—Taken up by J. A. Jeffries, Irving Tp. Jan. 4th, 1877, one steer two years old, yell-wish red, white on belly, erop of right ear, sit in left ear, brauded on right hip with mule suce. Valued at \$18,00. Coffey County-Job Throckmorton, Clerk.

COW.—Taken up by N. S. Werts, Burlington Tp. one viite cow, six years old, red ears, underbit in left ear. Valued at \$20,00.

BYEKER—Taken up by Jacob Hoover, California Tp. one lue roan steer, one year old, no marks or brands. Valued at \$12.50. bit Fight and steer, one year old, no marks or brands. Value dat \$12.50 to steer, one yearing filly, white hind feet, also, right fore foot white. Valued at \$20,00.

STEER—Taken up by Daniel Rich, Pleasant Tp, one white and tred steer, all to left ear, underbit and crop of the right ear. Valued at \$18,00.

STEEK—Taken up by L. Rosecrans, Burlington Tp, one STEEK—Taken up by L. Rosecrans, Burlington Tp, one roan steer, four years old blind in one eye. Valued at \$30.

FILLY—Taken up by W. T. Wiseman, Liberty Tp, one filly, 13 hands high, sorrel, two years old, bald face, whits hind feet.

FILLY—Taken up by W. 1. We years old, baid face, white hind feet.

GOLT—Also, one horse colt, brown, one year old, white strip on nose, both front teet and left hind foot white. Strip on nose, both front teet and left hind foot white. Strip on nose, both front teet and left hind foot white. OCLT—Taken up by C. H. McCandless, Hampden Tp. COLT—Taken up John N. Shinn, Spring Creek Tp. one yearing steer, light spotted or roan hole in left ear, branded on left hip with H or W. Valued at \$13.00.

COW—Taken up by Foster B. Scott, Ottumws Tp. one white cow with red ears, swall w fork in left ear, crop off the right ear, four years old. Valued at \$13.00.

Jackson County-J. G Porterfield, Clerk. Jackson County—J. G Porterfield, Clerk.

HEIFER—Taken up by Ed. McNeive, Washington Tp, one red yearling heifer, some white hairs in forehead, white on belly and on tall, shows brush, split in right ear, bit is left. Valued at \$13.00.

BTEER—Taken up by John Thornburrow, Netawaka Tp, Batter—Taken up by John Thornburrow, Netawaka Tp, Jan. 4th, 1877, one steer, mostly red, with white under belly, hair of tail white, slit in left ear, square brand on right hip, no other ms ks or brands, one year old. Valued at \$18.00.

BTEKER—Taken up by Calviñ Hanline, Douglas Tp, Dec. 284, 1876, one light roan steer, some white on belly, brand figure 6 on leit hip, one year old. Valued at \$18.00.

Make—Taken up by Angeline Myers, Douglas Tp, Jan. McLer Taken up by Angeline Myers, Douglas Tp, Jan. McLer Taken up by Angeline Myers, Douglas Tp, Jan. McLer, white mark on left arm, three years old. Valued at \$4.00.

hear, white mark on left arm, three years of the \$40,00 at \$40,00

Jefferson County.—D. B. Baker, Clerk.

STEER—Taken up by H. C. Rains, Fairview Tp, one steer, one year old last spring, whitish roan. ears, neck and legs all red, upper part of forehead white, no other marks er brands. Valued at \$16,00.

MARE—Taken up by H. B. Ross, Kaw Tp, one brown mare, jour years old, right hind ankle crooked. Valued at \$20,00.

CULT—Also, one two year old; sorrel horse colt, left front and right hind foot white, star in forehead. Valued at \$20,00.

CULT—Taken up by Joseph Thompson, Osswkie Tp, one yearling horse colt, reddish bay color, left hind toot white, rather small in size, no other marks or brands noticed. Valued at \$20,00.

MARE—Taken up by William Wesley, Delaware Tp, one black mare pony, shout two years old 14 hands high, white in the face from the eyes to the nose, both hind feet white, long mane and tail, no other marks or brands perceivable. Valued at \$15,00.

Lyon County—J. S. Craig, 4 lerk. Jefferson County .- D. B. Baker, Clerk.

Lyon County-J. & Craig, 4 lerk. Lyon County—J. h Craig, 4 lerk.

P. NY.—Taken up by Z. P. Crowe, Center Tp. Jan. 1st,
1877, one mare pony, 7 years old, 14 hands high, 1eft hind
foot white, has harness marks. Valued at \$30,00.

MARAS—Taken up by James Antony, kimendaro Tp.
Dec, 15th, 1876, one dark gray mare, small size, supposed
to ba 4 years old, no marks or brands, Valued at \$25,00.

Also, one light sorrel mare, white face, white joe feet,
supposed to be four years old, no marks or brands, Valued
at \$35,00.

Linn County-J. W. Flora, Clerk. Linn County—J. W. Flora, Clerk.

STEER—Taken up by Wm. E. Baker, Paris Tp., Jan. 23d,
1877, one yearling steer, red and white, "rop off eft ear,
swallow fork, nuclerbit in right ear, Valued at \$12,00.

COW—Taken up by James J. Clancey, Scott Tp. Dec.
14th, 1876, one six year old cow, red and white speckled,
two underbits, crop on right ear, Valued at \$12,50.

STEER—Taken up by E. B. Kerr, Centerville Tp. Dec.
20th, 1876, one three year old theer, brown, with white tall,
some white on belly, branded with large H on left hip.
Valued at \$12,00.

Morris County-H. W. Gildemeister, Clerk. FOLT—Taken up by W. H. Knox, Valley Tp, Feb. 1st, 877, one bay horse coit, one year old, white spot in fore-tad. Valued at \$10,00.

Semaha County-W. J. Ingram, Clerk. MARE—Taken up by Geo, Langdon, litnots Tp, one white mare pony very dim trace mark on one side, supposed to be 8 or 9 years old. Estimated value \$30,00. Osage County - E. spaulding, Clerk.

Osage County - E. *paulding. Clerk.

COW-Taken up by Joseph Glen, Valley Brook Tp, Dec. ist, 1876, one red cow, white face, about six years old. Valued at \$18,00.

MARE-Taken up by Wm. O. Davis, Arvonia Tp, Jan. 8th, 18.7, one bay mare, right fore and hind feet white, a few white bairs in forchead, branded G J on left shoulder. Valued at \$21,00.

Yalved at \$21,00.

TEER-Taken up by Martin E. Luby, Burlingame Tp, Dec. 18th, 1876, one white tw. year old steer, crop under top left ear, indistinct brand on right hip. Valued at \$18,00.

FONY MARE-Taken up by Wm. Droge, Burlingame Tp, one bay pony mare, left hind foot white, saddle marks. Valued at \$15.00.

shawnee County-J. Lee Knight, Clerk. MARE—Taken up by Presley Housley, Rossville Tp, Nov. 14th. 1876, one bright bay mare, with two white hind feet, star in face, branded W on left shoulder, about nine years old "Auued at \$40,00."

HEIVER—Tak n up by Golden Silvers Soldier Tp, Dec. 26th. 1876, one white heifer, medium size, about 18 months old, no marks or brands visible. Valued at \$15,00.

ADVERTISEMENTS.

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

Your valuable medicine
Simmons' Liver Regulator.
has saved me many Doctors
oills, I ase it for everything
it is recommended and rever knew it to fail; I have
used it in Colic and Grabbs.
with my Mules and Horses,
giving them about half bottles at a time. I have not
lost one that I gave it to
you can recommend it to
every one that has Stock as
being the best medicine
known for all complaints that Horse fiesh is heir to.
ET TAYLOR Agent for Grangers of Georgia.

For Horses, Mules, Cattle and all Dis-

For Horses, Mules, Cattle and all Discase of Fowls.

We were told, a new anys ago, that a lady who had tried almost every remedy which had been told her for the prevention and cure of Chicken Cholera, and all of which failed, in a happy fit of inspiration administered a dose of "Si mons" Liver Regulator." The result was a success. As our experience in Chicken raising during the last two or three years has been a loosing one every means adopted failing to stop the ravagus of the dread Cholera we also tried Simmons, and are gra ified to add testimony to that of the old lady. One given over duck is now running about, two desperately sick chicks are convalescing, and the balance as yet show no signs of being sick. Dose, to very sick Chickens, about twenty drops, poured down the throat. Fr others, mix the "Regulator" in meal and feed. Try it.

The Newberry South Carolina Herald.

'It is a very valuable remady for dyspepsia, sick headache, torpid liver and such like diseases.
W. S. HOLT, President of S. W. R. R. Co., of Ga."

DEERE & Co., Moline, Illinois.

A. MANSUR, St. Louis, Mo.

C. S. WHEELER, Kansas City, Mo.

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IN THE

MARKET.

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FARM MACHINERY,

KANSAS CITY, MO.

We call the especial attention of Farmers to our line of strictly Standard and fully Warranted Goods adapted to their wants. With extensive establishments in Kansas City and St. Louis, and direct connection with the largest Plow Factory in the World, we are justified in asserting that our facilities for Manufacturing and Selling the best articles at low prices are unequalled in the West. We respectfully solicit your trade and will be pleased to send you our "Farmer's Pocket Companion" for 1877, free by mail on application. It is not a cheap Advertising dodge, but a handsome Diary and Pocket Book, replete with valuable information. -We refer below to some of our leading Implements, among them-

The JOHN DEERE MOLINE PLOWS



"GILPIN" SULKY PLOW. THE "LEERE" GANG, THE "ADVANCE" AND, "PRERLESS" CULTIVATORS.



The Improved Diamend Corn THE CLIMAX CORN PLANTER.

IMPROVED FOR 1877, WITH OPEN HEEL.

MANUFACTURED BY OURSELVES-WARRANT-ED EQUAL TO ANY.



Six Chamber Rotary Drop, each chamber

Has Open Heel. Slide Valve with Spring Cutoff.

Quantity planted can be changed without removing corn from box. Best Lever in use for raising runners with dropper seated. Runners can be locked either in or out of the ground. Check Rowe Drill or Sod Attachment, work perfectly

See this Planter before buying.



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

Very Popular Wherever Known.



THE MITCHELL FARM WAGON,

THE MITCHELL FARM WAGON,

Has been before the public for 46 years. Made by the best mechanics to be obtained in the market and not by compulsory convict labor. Timber seasoned to b years. Spokes driven in glue by powning to by years. Spokes driven in glue by powning machinery. Patent coupling, double end gate. Fine the trained concerned or square body. Very handmark followers.

SUCCESS 18 THE TEST OF MERIT

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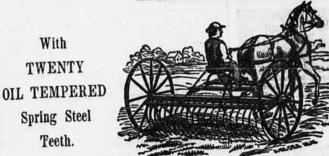
MANUFACTORY AT

CORT LAND, NEW YORK.

These Celebrated Churns have the endorsement of the best dairymen of the country. They combine more good quali-ties than any other. Five sizes made. Every Churn warranted. Made only by

PORTER, BLANCHARD' SONS, CONCORD, N. H. We are their General Agents, send to us for Catalogue and Prices.





BOY OR GIRL TEN YEARS OLD Can Work It Easily.

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

THE KINGSLAND, FERGUSON & CO., POWER CORN SHELLER. Shells unhusked as well as husked corn perfectly. A Full Line of HAND CORN SHELLERS Cheap. THE IMPROVED LITTLE GIANT

CORN AND COB MILLL. The best known and most popular in market.

We shall, from time to time, make further mention of other well known Implements in our line.

Office and Warehouses, Santa Fe and Twelfth Streets, West Kansas City.

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THE KANSAS WAGON

And also all Kinds of Freight, Spring and Express Wagons.

We use the most improved machinery, and under the direction of the most skillful foreman in the United States, employ two hundred men in the manufacture of these wagons. We use the criebrated Wisconsia Bubs and Indiana Spokes and Felloss, and carry large stocks of thoroughly dry first-class wagon timber. Our work is finished in the most substantial munner, with all the latest improvements. Every wagon warranted. Kansas Manufacturing Comp'y, Leavenworth, Ks. A. CALDWELL, President; N. J. WATERMAN, Vice President; C. B. BRACE, Treasurer; J. B. McAFEE, Secretary; A. WGODWORTH, Superintendent Shops.

The above Line of Goods are for sale by W. W. CAMPBELL & BRO., TOPEKA, Ks.

PAINTING.—THE PATRONS PAINT COMPANS. ... e manufacturing the INGERSOLL READY-MIXED PAINTS, and BRUSHES, and selling them at full trade discounts, delivering them freight paid, and no money required until the goods are received—making them cheaper than even the material can be bought elsewhere. They are an absolutely pure article, possessing great endurance and brilliancy, and are giving great satisfaction all over the country. We have a Patron friend who saved enough alone faction all over the country. We have a Patron friend who saved enough alone faction all over the country. We have a Patron friend who saved enough alone faction all over the country. We have a Patron friend who saved enough alone faction all over the country. We have a Patron friend who saved enough alone faction all over the country. We have a Patron friend who saved enough alone faction all over the country. We have sent free their book, "Every One His Own all about painting to write and have sent free their book, "Every One His Own all about painting to write and have sent free their book, "Every One His Own all about painting to write and have sent free their book, "Every One His Own all about painting to write and have sent free their book, "Every One His Own all about painting to write and have sent free their book, "Every One His Own all about painting to write and have sent free their book, "Every One His Own all about painting to write and have sent free the Britanian and the Britanian

Trumbull, Reynolds & Allen's AGRICULTURAL HOUSE,

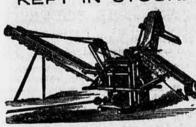
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Hand and Power Corn Shellers!



A Large Line of SANDWICH POWER SHELLERS (ADAMS' PATENT.)

KEPT IN STOCK.



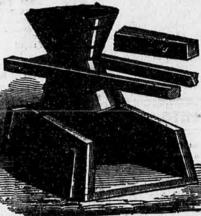
The Sandwich Shellers stand at the head of the list, and with the new improved feed it is far ahead of any other. Sens for Catalogue Price List. We also have a large stock of HAND SHELLERS. Eclipse Hand other. Sens for Catalogue Price List. We also have a large stock of HAND SHELLERS. Eclipse Hand Sheller, delivered at depot on receipt of \$12.00 with fan \$15.00. The above is the best hand sheller in the market. Kanasa Hand Sheller delivered at depot on receipt of \$11.00, with fan \$14.00. We attach fans to market. Kanasa Hand Shellers, which is a great improvement and is norm; the fannishs rocker. It cleans your all our Hand Shellers, which is a great improvement and is norm; the fannishs rocker. EVERY FARMER SHOULD HAVE A GOOD HAND SHELLER.

Eureka! Eureka! JUST WHAT THE FARMERS HAVE BEEN WANTING. THE Big Giant CORN MILL.

THE ONLY

THAT WILL GRIND CORN WITH SHUCK ON THE CORTLAND SPRING WAGON.

EXTRA EXPENSE.



THE ONLY

GRINDING

Corn and Cob Successfully.

It will grind shelled corn fine enough for family u.e. ind8 twi e is fact as any other mill of same size and price. PRICE:—No. 1, one horse, grinds 10 to 15 bushels meal er hour, \$35.00. No. 2, two horse, grinds 16 to 30 bushels meal per hour \$50.00. Prices of geared machines upon application.

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Cultivator, Selby's Corn Planter, &c., &c.
Send for our handsome Illustrated Catalogue (to be out soon) containing cuts and prices of goods in our
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Chronic and Surgical Diseases Cured AT THE MEDICAL ROOMS OF

Dr. A. M. EIDSON,

Who has made a specialty of, and with wonderful success, cures such diseases as Catarrh (incipient), Consumption, Browchitis, Cancer, Club Foot, Contracted Tendons, Bair Lip, Cleft Palate, Cross eyes, External and Internal Piles, Fistulas, Tumors, White Swellings, Scrofuls, Old Fever and Mercurial Sores and Ulcers, Hernia or Ruptures, Fits or Spasma, Gleet, Dreeses of the Heart, Liver, Stomach, Kidneys and the Nervous System, all Female Diseases and Weakeese and easily and epeculity removes the Tape—wrm, Consult him at once, in person or by mail. Office consultation free. By mail, a stamp for return must be enclosed, with full description of person, alies se, symptoms, etc., etc., which will meet with prompt diagnosis and answer.

The Doctor's office will be found supplied with all the improvements of modern science to assist him in doing justice to his patrons. All consultations strictly confidential.

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RICHMOND, VIRGINIA, Chief Agricultural Journal of the South, devoted to Agriculture, Stock, Horticulture and Rural Affairs; subscription \$2 per year. In connection with this paper, we have Virginia komments in every portion of the State for sale.

Send stamp for descriptive list. DICKINSON & CHEWNING,

Richmond, Va.

above 8 articles sent, post-paid, for 56 cents, have better retailing for 30. Rankrupt stock and must be sold.
F. STOCKMAN, 27 Bond Street, New York,



NATIONAL HAND CORN PLANTER BEST IN USE.



Wanted Travelling and local calesmen to introduce manent. Expenses paid by company. Union Industrial Works Co., Cincinnati, Ohio.



Let us Smile.

Venerable authority informs us that before the era of slates and blackboards, men developed the mathematical instinct by multiplying—upon the face of the earth. The mode is popular to this day. But the grasshopper as a champion multiplyist has no equal. He lays (speaking generically and not to put too fine a point upon it) an egg which is about the size and shape of a long primer 0. In fact he size and shape of a long primer 0. In fact he size and shape of them. From August first until winter, he is actuated by a reckless ambition to bore holes in the ground, of the size of a pipe stem, and then to fill the holes with cream-colored 00. And though he is small he attends to his biz, and is a triumphant success. In statue he is about a match for the sixpenny GRASSHOPPER MULTIPLICATION,

In statue he is about a match for the sixponny stub nati, in form he is like unto a lynch-pin, and he wears a scaling-wax head on him and a pair of glass eyes, so that with his long tailed duster on, he looks like an unsophisticated and near-sighted schoolmaster. But unsophisticated and near-sighted schoolmaster. But unsophisticated isn't what's the matter with him. And numeration is his best mathematical hold He will stand himself bolt upright like a peg in one of those holes aforesaid, and view the heavens with an air of sublime serenity and wooden headed unconsciousness.

CHAMBE

wooden headed unconsciousness.

Don't you tool yourself—he knows just what he is about. He prefixes himself like a figure I in the business, and adopting the decimal system of notation, calmly places a 0 where it will do the most good. That stands for 10, and before you can dot and carry one he adds another cipher to that, and he now reads 100. About this time you begin to discover what sort of a rooster he is, and you entertain a degree of awe for him not inspired by a front view of his green goggles. Reasoning a posteriori you discover that he is a dangerous neighbor. But while you stand amazed he rapidly suffixes fifteen or twenty more 000, carrying his problem into the million millions carrying his problem into the million millions and has sealed and cemented it up, ready to be fired off at you next spring. In two minutes and a half he can give you a problem that with all yeur manly powers of multiplication cannot be solved or equated. He compounds his interest in a hundred per cent every five seconds, puts a snap judgment on your corn-field, and forecloses before you can say Jack

And when you observe that every square inch of your ground is occupied by one of those figures I's, each industriously putting down a row of ciphers, you will admit with me that the hoppergrass is the lightning culcula tor of the West, and for multiplying—on the earth—he has no known equal.—Fergus Falls

"Lunatic fringe" is the name given in New York to the fashion of cropping the hair and letting the ends hang down over the forehead.

"Mother, what kind of a bear is a consecrated cross eyed bear?" "Why?" "Because wesing about it in Sunday School." "No, my child, ou sing. "A consecrated cross I bear,"

HAPPINESS comes and goes like the flowers of spring; and a boy no sooner finds where the preserve jar is hidden than his mother totes it away into another corner.

A GLASGOW antiquary recently visited an old castle, and asked one of the villagers if he knew anything ef an old story about the building. "Ah," said the rustic, "there was building. "Ah," said the rustic, "there was anither auld story, but it fell down lang syne."

Longfellow says, "Some feelings are untranslatable; no language has been found for them." A man who slips on the ice at the top of an outside pair of stairs and goes to tha bot-tom with velocity that makes his sudden stop interesting, has these feelings. He is apt to think the world hollow, and that it should have been stuffed with sawdust.

This is the season when, as they fondly linger at the gate, he says in tones tremulous with the ecstasy of love, "Darling, my own precious darling, one fond kiss before we part!" and a sharp voice from the upstairs window call out, "Sarah Jnae, you march into the house. To morrow is washin' day, and you ain't a-going to lay abed till noon, now I

ADVERTISEMENTS.

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

TREES, PLANTS Spring Lats free. F. K. \$66 a week in your own town. Terms and \$5 outsite free. H. HALLETT & CO., Portland, Maine,

\$552 \$77 a Week to Agents. \$10 Outfit Free P. O. VICKERY, Augusta, Maine. 53 Buy the best Washing Machine. Write I. S. RICHARDSON, 150 Dearborn St., Chicago, Ill.

\$12 a day at home. Agents wanted. Outfit and term-free. TRUE & CO., Augusta, Maine. \$5 to \$20 per day at home. Samples worth \$1 fee. Stinson & Co., Portland, Me.

YOUR NAME PRINTED on 40 Mixed Cards for 10c. CLINTON BROS., CLINTONVILLE, CT.

25 Extra Fine Mixed Cards, with name, 10c. L. Jones & Co., Nassau, N. Y. 25 FANCY CARDS, all styles, with name, 10 cents Post paid. J.B. Husten, Nassau, Rens. Co., N.Y.

GUNS Revolvers, &c. Latest styles; lowest prices. Sent anywhere c.o. b. for examination Price List free. Great Western Gun Works, Pitteburgh, Pa.

25 LADIES' or Gents' Fancy Cards, with name, 10c; 25 Snowflake Cards, 7 styles, with name, 20c; 10 Photos of Actresses, no name 10c.; postpaid. J. B. HUSTED, Nassau, Renes Co., N. Y.

\$190 to \$200 per month guaranteed to agent sample free. Address the Hudson Wine Mills, 128 Maiden Lene, N.Y., or 18 Clark st., Chicago, Ill.

50 Visiting Cards, with your name finely printed sent for 25c. We have 200 styles. Agents Wanted. 9 samples sent for stamp. A. H. FULLER &CO., Brockton Mass.

SHEEP | Centennial Medal awarded. Sizes suitable for marking Cattle, Sheep and Swine Bamples free. Agents wanted. Address C. H. DANA, West Lebanos, N. H.

PANCY CARDS, 16 styles, with name, 10c.; 25 Snowflake Cards, 7 styles with name, 20c.; 20 Fancy Scroll Cards, 15 styles, no name, 10c, post Fancy Scroll Cards, 15 styles, no name, 10c, postpaid. J B. HUSTED, Nassau, Renss, Co., N. Y.

California broom-corn seed; never turns red.
Broom-machines. Broom-Corn Culturist. Send stamp for circular. Charleston, Coles County, Ill.
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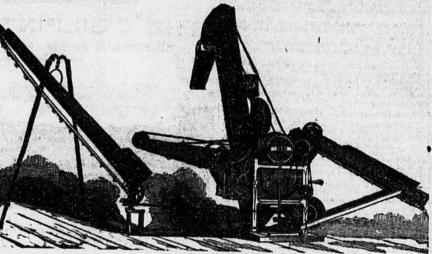
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The Kansas Farmer. SUPPLEMENT.

K. HUDSON, Editor & Proprietor, Topoka, Han

Crop Notes.

Farmers from different parts of the country report wheat in good condition.—Abilene

The late sown wheat of Labette and Cherokee counties is in a splendid condition and the fields of living green present quite an attractive appearance, the wheat being from three to four inches high—*Chetopa Herald*.

The wheat throughout Harvey Co. is report ed fine and in a flattering condition with the exception of a few pleces where it was sown on sod; has been frozen out.—Halstead Record.

The warm weath er is bringing out the young grasshoppers. We were shown a number about half an inch long yesterday, that were as lively as crickets. A week more such weather will probably bring the most of the eggs to life and hoppers.—Scandia Republican.

The grasshopper eggs are hatching out. We have seen the young hoppers all alive and kicking. This will of course prevent them from doing any damage to crops this year .-Walnut Valley Times.

The late warm in addition to fitting the ground for plowing, has hatched out the young grasshoppers, occular demonstration of, which we have seen. The next cold snap will be rather too much for them. It will use them up.—Larned Press.

Farmers from all portions of the country inform us that wheat looks exceedingly well. A very few pieces will not make a full crop but the average gives promise of an unprecedented yield this seacan. The recent weather has caused the crops to spring up and grow and the rain yesterday will so moisten the ground as to greatly assist the growing wheat. Unless some accident befalls the crops, our Valley will rejoice in a most bountiful yield of wheat next June.—Great Bend Register.

Grasshoppers in abundance are said to be hatching out in the egg infected portions of the State. Although the army didn't reach our country, it seems a few specimens are coming to life this warm weather. Mr. Fred Graemes brought a few from his place, adjoining town, some of which were quite young, being just batched, while others were so large as to render it certain that so they had, in some sheltered spot, survived the cold weather and storms. It's to be hoped the hatching out will be general, as the March weather will finish the career of most of them.—Oskaloosa Independant.

We notice in different exchanges a warning against a species of swindlers who are probably coming this way. Their mode of operation is this: they travel through the country asking farmers to sign their name to contracts for a machine to cook food fer stock. The farmers are appointed agents for a certain territory, and agree to sell four machines in four years, which agreement they think they are signing but which in reality proves to be nothing more nor less than a promissory note of, from \$100 to \$200. Look out for these fellows.—Sabetha Advance.

START THE HABROW.—To day in the first of February, and we have had a taste of fair weather. Very soon the frost will leave the ground. Every farmer who can should start the harmonic farmer who can should start the farm the harrow to work, tearing up the grasshops per's eggs and nests. Expose them to the birds and weather. This is the best and cheapest of all remedies. Millions were thus de-stroyed last fall, and the entire brood may be badly used up by a little industry between this and April. Start the harrows at once, and keep them running when the ground is thaw ed.—Junction City Tribune.

Mr. J. B. Handy of Bloom township informs us that a neighbor of his Mr. Ladd, has been making experiments in the artificial incubaity of the eggs deposited in that vicinity. He placed a quantity of dirt containing eggs un-der the influence of a proper degree of warmth and as a result, in a about a week his pains was rewarded with a fine brood, of about seventeen hundred, more or less, happy, jumping, sprightly little insects, willing to eat, grow and become a curse to the land.—Osborne Co.

The grain market has been quite dull for Kansas. the past week and wheat and corn both on the decline. Wheat is ranging from one to one Corn dull at twenty-six, with indicatwenty. tions of a greater decline. Rye, we might say, is not in demand at all, scarcely any sales made, the ruling price being at about fortyfive. Oats from twenty-two to twenty-three with a downward tendency.—Wichita Eagle.

The boast of immense corn cribs at different points in the State falls far behind the cribs of N. E. Parker, Valley Falls, Kansas. No. 1 is 204 feet long, 16 feet wide and 12 feet high, corn packed to the point of the roof. No. 2 is to be like unto No. 1 in every respect, is near-ly built and half full of corn. Parker is also buying all the corn he can get and cribbing it both at Nortonville and Rock Creek, Kansas. - Valley Falls New Era.

As a specimen of what can be done at stock raising, Wm. S. Jay bought a Berkshire sow of J. V. Randolph a year ago for \$20. Last summer she had a litter of fine Berkshires which he sold for \$75. This winter she has a which he sold for \$75. This winter she has a litter of four pigs, worth \$25, and is herself a splendid two year old, worth \$50, though offered for sale at \$25. Total receipts when all are sold. \$125, against a total expenditure of about \$60.—Emporia News.

In mid-winter it is something unusual to see such large numbers of people, from the East, in a new country, in search of homes. During the eleven winters that we have spent in Kansas, we have never seen so many pe ple from the Eastern States as have visited this part of Kansas the present winter. take this as an indication that there is going to be a great rush of immigration to Kansas by the time spring opens .- Humboldt Union.

The Chicago Tribune estimates the municipal debt of Illinois at forty millions, averaging Poor Records, Estray Records, Justices' Records. eight per cent. interest, and says the burden is so heavy that "all hope of paying the principal has been abandoned. In some instances the payment of interest has been stopped, and the effect of the overwhelming debt has been to depreciate the value of property, prevent pur-chase and settlement, and has actually caused men to sell out their farms at a sacrifice and move elsewhere, where the land was not mort gaged so heavily."

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400 ACRES.

In Wabaunsee county, at two dollars per acre,

Cheap. 640 ACRES. Prairie land; ten miles from railroad station, five miles from county seat. In Marion county. Only \$1,650. Must be sold. If for only \$1,500—lowest cash. A bargain.

6,000 ACRES Of fine valley lands, interspersed with creeks, tim-ber, etc., etc. One of the first selections of the State. Only twenty-five miles from Topeka. A rare chance for some one to make a bargain. This land will be exchanged for a stock of dry goods or hardware, No second hand or hard stock would be entertained. This land is worth \$10 per acre as it runs, varying from \$7 to \$15, according to location. \$60,000 takes the pile. One-fourth cash; balance on ten years time, with interest at 5 per cent. This land is bound to be worth \$30 to \$25 per acre.

640 ACRES Of choice land to exchange for stock of dry goods. Land richly worth \$6,400.

160 ACRE FARM.
Five miles from Lawrence, on road to Leaven worth. Cheap for cash.

All second bottom land; 180 acres under cultivation, 15 acres timber. Six miles from Topeka. Plenty of stock and well water; all under post and rall fence, good corral, new frame stable. No better farm in Kansas. 36 acres produced 1030 bushels of choice wheat the past season; 90 acres corn; 6,000 bushels this year. This farm is a bargain at \$6,675,56. Terms \$2,175.56 cash, balance on long time, at 10 per cent, interest. Crops past year would half. pay for the farm. 123 ACRES.

Choice bottom land farm, a miles from city; good hewn log house, frame addition, good atone milk house, stabling, corn cribs; all well fenced (board, post and rail); plenty of timber and bottom. Price \$4,756.45 cash, balance on long time at 10 per cent. 80 ACRES,

Five and a half miles from city; stone house, two rooms, cellar, well, stabling; all fenced (wire, hedge and board). A bargain at 1250. 160 ACRES

Choice slope land; all fenced (board aud wire); good house, stable, well; zoo acres under cultivation. ix miles from city. Price 9,500; cash and time. 160 ACRES

Choice farm, 5 miles from city; one and a half story stone house; 100 acres bottom and timber, plenty of running water, stabling; twelve acre orchard; plenty of coal, one of the finest farms in the county; all well fenced with seed heads. vell fenced with good hedge. Price \$6,035.50 cash and time-cheap. 170 ACRE FARM.

Good house, nice stone milk house, good stabling; fruit and forest trees planted. Farm 6½ miles from Topeka. Is a great bargain at \$1,700—no less. 60 ACRE FARM. Goon house and improvements, 6½ miles from Topeka; choice place, good stabling, etc., etc. Can be bought for \$1,385.31. Terms \$575.31 cash; balance on time

80 ACRE FARM. Forty acres improved; one and a half story house, Bargain at \$2,250. Six miles from city.

160 ACRES. Eight miles south of Topeka. For \$500 cash. A big bargain. 160 ACRES.

Choice land; twenty acres broke and fenced, ituated in Wabaunsee county, three miles from Dover. Price \$450. 400 ACRES,
In Wabaunsee county, for two dollars per acre.

360 ACRES.
At four dollars per acre. One-fourth cash; balance on ten years' time at 10 per cent, interest,

160 ACRE FARM. Six miles from city; good house, orchard, stab-ing, etc., etc.; all under good fence. A bargain. Price \$2,500: one-fourth cash and balance on time. 160 ACRE FARM.

In Auburn township; good improvements; timber and water. On the Wakarusa. A bargain. 200 ACRES.
In Greenwood county. Price \$1,000. Choice

200 Other Improved Farms in different parts of the County and State. Large List of City Property too Numerous to Mention.

land. Cash and time.

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Also have Property in all parts of the U. S. for Sale or Exchange. CALL AND SEE US.

MOST RESPECTFULLY YOURS,

ROSS & MCCLINTOCK.

The Kansas Farmer. SUPPLEMENT.

Commercial Aotes.

During the past year, over 1,200,000 barrels of flour were manufactured in Minneapolis.

Large quantities of American writing and printing paper are being shipped to England

The corn crop in Georgia is 22 per cent bet ter than last year, and the cotton crop 7 per cent better.

The San Francisco Grocer says: "Let the

national currency become the circulating medium of this coast, and the places now occupied by Chinese will soon be filled by white men As the gold yield of Australia decreases, the

wool crop becomes more valuable. Last year the wool product of that country was \$70,000 000; more than four times as much as its gold

yields but \$5,000; and another one, built since the fire, and paying at one time \$16,000, now brings only \$6,000. It is said the visible supply of cheese here and in the interior, is 300,000 boxes less than last year at this time, the dairies having made an excess of butter; hence speculators in hog products look for an increased demand, stimu-

ated by the decreased supply of cheese. Of preserved meats in tins there were imported into Great Britain during 1876, 196.800 pkgs. from the United States, exclusive of 4.440 tons of fresh meat, partly in the carcass; 43,151 from South America; 12,639 from Brazil; 6,254 from Canada; 11,848 from the Continent; total, 270,692 pkgs.

The market for spices since the first of the year have shown more activity than for many months past, the values in most instances are much higher, closing with a somewhat speculative feeling. Cloves have advanced to 40 cents, and ginger and pepper and nutmegs are jobbing briskly at full prices.

The wool growing business of California is rapidly increasing, and it is proposed to hold periodical trade sales, like those held at London, Auckland, and Sidney, in order to facilitate the handling of her immense crop of wool which already exceeds 50,000,000 pounds an

The Montreal Journal of Commerce says "Americans are congratulating themselves on the lessening importations from Europe, as shown by recent returns, and claim that before many years elapse they will be able to complete with the 'workshop of the world' in everything she manufactures.

It is announced in a recent number of the London Telegraph that the oldest and most celebrated steel-works in Sheffield have desided to remove their entire establishment to the United States. This is because of the sharp competition which they have encountered in this country, and of the high duties imposed on foreign steel by our tariff laws.

COTTON CROP OF 1876-77.

The New Orleans Picayune says that the cotton crop question is evidently inclining in favor of low estimates, and adds:

The long crop men, with an apparent show of reason, point to our remarkably heavy re-ceipts, which now show at all the points an excess of 315,000. If the prospect were as favorable as last year, this would indicate a crop of 4984,000 bales. But long crop men are ready to admit that compared with last year. we shall no doubt soen see a large falling off, perhaps from this time out. The question then, is as to the extent of this dedictency

The Mark Lane (London) Express in its last Monday's issue, reviewing the grain trade for the week ending Saturday, Jan. 13, says:

"The submersion of lowland districts has entirely stopped all agricultural labor, while the continual rain fall has seriously affected the condition of all home grown grain. Heavy snow storms in Scotland have proved very disastrous to the stock farmers, a great number of sheep having perished. The wheat plant, where it is not submerged is looking fair. English wheat in good condition is rare both in the country and Mark Lane, but ready sale has been found at late rates. The impossibility of working many mills in the country has caused trade to assume narrower dimensions and supplies to London have been meagre of grain. There appears little probability of much improvement, as farmers are unwilling to thrash in the present weather. Arrivals from New York have been a little over 2,000 quarters. Barley advanced a shilling # quarter for fine qualities. There has been less activity in maize, which is somewhat depreciated in value. Oats have been dull and unaltered despite limited arrivals, but the scarcity of hard old corn has supported full prices. Car-goes which arrived at the beginning of the week are held with great tenacity. Business was limited, but a slight advance has been realized for wheat and maize."

OVER-FATTENING BEEF ANIMALS. - The London Lancet thus comments upon the tendency to overfeed beasts and develop an exessive quantity of fat for Christmas show meat: "In the economy of nature a certain proportion of adipose is the complement of a fixed quantity of muscular tissue. Excess is an excrescence, if not a disease; nevertheless, graziers continue to lay fat on their beasts with the energy, of men heaping up a reserve stock of fuel for vital energy, instead of so much waste, a burden to the animal, no good to the mest eater, and valuable only to the cook or the mest eater, and valuable only to the cook or the mest eater. kitchen-maid, to whose lot it falls as 'perquisites' for that abyss of domestic extravagance, the 'grease pot.'

THE U. S. REVENUE LAW ON TOBACCO. The St. Louis Republican gives the Internal Revenue law on leaf tobacco, with subsequent remarks as follows :

Retail dealers in leaf to bacco are required to pay a tax of \$500 in the form of license. But If they sell in one year more than \$1,000 worth of tobacco, they must pay an additional tax of 50 cents for every dollar's worth so sold.

It is clear enough that the above tax is sim-ply prohibitory, and is not paid by any one in the United States. The law was made to force growers of tobacco to sell to their product to regular dealers, and then the Government would be able to control it and derive some revenue from it. But it the farmers were per mitted to retail it without license the manufacturers would lose their business, and it the farmer were to be charged only the same li-cense paid by regular dealers the cost of watching so many persons and covering se vast a territory to collect the revenue would be too much uncertain and expensive, so the Government practically forbids farmers from selling any of their leaf tobacco except to manufacturers or authorized receivers and ship-

The farmer may use in his own family all the tobacco he produces, it he pleases, but to either give to, loan to, barter to or sell to his Rents in Boston are considerably lower. A store near the center of business in that city, which used to bring a rent of \$17,000, now rieds but \$5000 and another which used to bring a rent of \$17,000, now and \$500 special tax subject himself to a fine and imprisonment.

WHAT BECOMES OF THE SHEEP-SKINS

Few persons have any idea of the industrial value of sheep-skins. The manufactures for which sheep-skins furnish the raw material are both numerous and important. In the city of New York alone, the sale of manufactured sheep-skins amount to more than \$5,000,000 yearly, A single manufacturer turns out 50-800 dressed skins weekly. Most of the skins are imported, as America skins are too small and light to be split. The best skins come from Calcutta, which is a curious fact, when we censider that a hot country is unsuitable for sheep. These large skins are split into two portions, the wool side being caled "skiv-ers" and the flesh side "flesher." The whole skins are called "roans." The "roans" are tanned to imitate morocco, and are used as a substitute for the real article, which is prepared from goat skins. A large quantity of sheepskin is used by boot and shoe makers for toppings, linings and trimmings. Leather from "skivers" is used largely for binding books, in-stead of morocco; and that from "fleshers" is used for binding account books, being stronger than shivers. Trunk makers, saddlers, pocket-book makers, hatters, gloves, makers of musi-cal instruments, and furniture makers, use a large quantity of sheep's leather. "Chamois" skins are made almost entirely from "fleshers" as is also most of the buck-skin that is used for various purposes.

SHIP LOADS OF BUTTER.

The market is glutted with butter of Western man u ficture, and consumers wonder at its stiff price. Good butter is sold at forty to forty-five cents a pound at retail, and at from thirty eight to fofty cents a pound at wholesale. It has been said that the high price of butter is due to the heavy exports to foreigi countries, A vast quantity was recently shipped to England, and it is reported that the exports have more than doubled within a year. In round numbers 12,000,000 pounds were sent to foreign ports, an increase of 7,000,000 pounds over the export in 1875. Men who deal extensively in butter say that it is impossible to clear the market of the great quantities sent from the West to this city, and that it is this kind of butter that is exported at from twenty-five to thirty-five cents a pound. Home consumers who want the best butter, that is made in this State, must pay good prices for it. "The reason why the best butter is sold at from forty to forty-five cents retail,"said one of the heaviest dealers yesterday," is because persons who want good butter are willing to pay those prices for it. It is not true that the exportation of butter affects the market here. Butter is cheaper by \$5 on the hundred pounds than it was at this time last year."-N. Y. Sun.

TEXAS CATTLE DRIVE.

then, is as to the extent of this deficiency it would require a decrease of 584,000 bales to make the crop 4,400 000; or 784 000 to make it only 400000; or 784 000 to make it only 4000000. Men who are regarded as moderate in their views regard anything above 4,250,000 bales as a large crop estimates, and any below 4,100,000 as a short crop. counting themselves on from 4,100,000 to 4,200,000. On the other hand, shrewd observers, who have studiously considered the question, point definitely to not over 4,000,000.

It is estimated that 175,000 cattle will be driven morth from Texas in the course of the present year, of the Kansas Pacific railrows of the Manau and Pacific railrows of the Wolldows of the Wolldows of the Wolldows of the Wol

DROUTH.

The people of New England have been af-flicted with a severe drouth. The weather in that portion of the country had been exceedingly dry during the fall season and the win-ter set in with all the streams at low water which enables ANY ONE conversant with the mark, and the hard freezing of the present winter has operated to make a good deal of trouble in various ways. A number of mills engaged in manufacturing have been compelled to shorten production on account of low water and a few have been compelled to suspend business entirely on this account, thus throwing hundreds of operatives out of employment in midwinter, of course causing a Cloth, \$100; Cloth (flexible) without great deal of distress among these people. In a great many cases people have had to haul water for common use for a distance of some miles. A large amount of snow has fallen over the country and already some fears have been expressed that the advent of spring will give the country entirely too much water.

CONFLICTING VIEWS OF CREMATION. "They ought to carry this cremation idea a little further," solemnly remarked a Chicago father before his household, last evening; "just enough to introduce the heathen custom of burning up a man's wife with him, as they

did among the Hindoos."

"Ah, yes father," replied the eldest daughter, sitting near, "but in this age you wouldn't find many wives who could be Hindoosed to try that!"

The farther started, looked at that girl a minute over his spectacles, "ahemed" violent-ly, and then asked her if it was not about time she went to bed

The social subordination of woman stands out an isolated fact in modern social institutions; a solitary breach of what has become their fundamental law; a single relict of an Old World thought an i practice exploded in everything else.-John Stuart Mill.

Cremation, as thus far dealt with, shows that woman's jaw-bone holds out longest

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ONE RLEGANT GENTS' WATCH CHAIN, latest patterns.

ONE COLLAR BUTTON.

ONE ELEGANT WEDDING RING, very heavy. Kemember, we will send you the shove-named six articles, which we have retailed for \$4,50. by mail, post paid, for 50 cents, or 4 sample lots for \$1,50.

We also put up lots for \$1, \$2, \$3, and \$5. and for \$15, we send each of the five lots and ONE SOLID SILVER WATCH, FREE.

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Slate, etc. 60 cents.

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TO MAN AND BEAST Is the Grand Old

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WHICH HAS STOOD THE TEST OF FORTY YEARS.

Thre is no sore it willnot heal, no Lameness it will not cure, no Ache, no Pain, that affects the human body, or the body of a horse or other domestic animal, that does not yield to its magic touch. A Bottle costing 25c., 50c. or \$1.00, has often saved the life of a human being, and restored to life and usefulness many a valuable horse.

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SHAWNEE MILLS.

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FISH, EDAM CHEESE, PINE APPLE CHEESE, ELGIN CHEESE.

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