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The Kansas Farmer.

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

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ORCHARDS AND VINEYARDS OF DOUGLAS

C. H. Lovejoy has a fruit farm two miles north of Baldwin City, the location of which is near the base of the Santa Fe ridge, descending towards the north; on the upper portion the soil is somewhat rocky, below is the deep soil or wash from the upper lands.

Here are about 1,000 apple trees, 300 pears, except for feed. 500 cherries, a good vineyard, and an abundance of all varieties of other fruits. The apples are planted 25 feet each way, and headed tively. The freights are so high, and prices they were not to be found, this afforded a at 21% feet. The leading varieties are the Wine Sap and the Missouri Pippin. The crop there now at living figures. this year is large and the fruit very fine. Trees

in good condition. The pears are very large and thrifty, and blight have ever made their appearance in money it will probably be fed at home.

this orchard. The cherries are largely the Early Richmond, though several of the sweet varieties, why—even if this State did raise 4,000,000 the crop the past season was rather light.

grown are the Concord, Delaware, Catawba, the country for good Barley to such an extent Iona, Isabella, and a number of other varieties. as it has. Small fruits appear well.

northwest of Baldwin City, on the line of the and it will require them to have a heavy sure L. L. & G. R. R., on which are 1,500 bearing plus each, to stand the drain until next May, animal that can shift for itself, it matters lits ed. We have not lorgotten now we used to and so it is right of the colt, the which we will apple trees, 200 each of pears, plums and and we feel satisfied it will take higher prices the whether its bed is on a manure pile, or unfight against a most preposterous premium, that and we feel satisfied it will take higher prices the whole of the colt, the colt of the colt cherries, and a vineyard of two or three acres, than at present to bring out the fine malting also a good supply of small fruits.

The location is good prairie land facing the west and south. The apples are planted 30 and Missouri Pippin. The fruit is large and fine but the crop is rather light; trees very turns. thrifty.

The pears, cherries, plums, etc., are in ex-

ruined by the rot.

celebrated vineyard of Mr. Labarrier, which The amount actually raised was 199,140 bushconsists of 12 acres, and is located on the very point of one of the spurs of the Santa Fe ridge, 150 feet above the valley. The soil is a red clay loam underlaid with limestone rock.

abella and 8 or 10 other varieties are grown. No attempt is made to market the grapes they usually get in such wild calculations. from this vineyard, all of them being made

good condition.

of which are about the same. The Delaware, Six miles east of Lawrence and on the north was mostly two years old.

oak timber and just below the outcropping of successful. This provides a new outlet for the

soil is a sort of black sand.

This orchard was planted three years ago and consists entirely of the Hale's Early and Crawford's late. The trees were planted 20 feet apart, so that about 5 acres are occupied. The crop this year was about 800 bushels ; the fruit was extra large and fine.

The market for Hale's Early opened at \$3 per bushel and closed at \$1.50. The Crawford's Late were sold at from \$1.50 to \$2.00 per

The proprietor states that for 2 or 3 years past he has been making an effort to sell at peaches, etc., have proved so pecuniarily profitable that he now concludes to withdraw his farm from market and stay awhile longer. P. P. PHILLIPS.

WESTERN BARLEY CROP REPORT. From the advance sheets of the Western Barley Crop Report, of Mesers, J. D. Somers & Co., of Chicago, Ill., we take the following summary:

As a summary the whole matter occurs to us

pick the remainder will not be worth much.

In Nebraeks, although the crop is excellent, the total amount available is small compara-

The Kansas crop is too small and poor in finds its way to this market from there, will the crop this year was good. No signs of not grade higher than feed, and to save

As for the Iowa crop, it is nearly on a par with last year's in quality, and we fail to see The vineyard is very fine. The varieties depress and depreciate the markets all over of hogs than formerly.

stock, especially from Minnesota.

A healthy increase in area is always to be expected under favorable auspices, also in feet apart and are headed at 21/2 feet. The quality and yield, but we fear the discount in policy; for in this case as it is with other half a dozen Short-horns two or three Devons, leading varieties are the Ben Davis, Wine Sap prices since the season opened has been too stock intrusted to our care—economy and hudiscouraging for the farmers to net living re-

very fine; the Lombard, Wild Goose and the and the figures are not ours, but are Official minor varieties especially fruited very heavily. Returns. To those who delight in estimates, Vineyard in good condition; the Concord is (wind) we would cite the case of the Agriculof Indiana. In 1873 the Department estimat-One mile north of the Plasket farm is the ed the barley crop there at 568,000 bushels. els; difference 368,860. In 1874 the estimate was for 530,000 bushels, and what was actual: ly raised was 261,233 bushels; difference 277. 767. In 1875 the estimate was for 440,000 The Concord, Delaware, Catawba, Iona, Is- bushels, and the crop yielded 149,935; difference 590,065. And that is about as near as

To those who look for a super-abundance into wine or vinegar. The wines are of the of barley, or think we will be overwhelmed best quality. The vines, in general, are in with it, we desire to quiet their apprehensions, as the figures show for themselves. The dift In this neighborhood there are several other ference between the crops of '76 and '77 will good vineyards, the general characteristics not amount to over 700,000 bushels in the West, under the most favorable circumstances Catawba, Ioua, Isabella and that class of vines and the quality is 20 per cent. better. We are of but little account on ordinary prairie had fully as much last year as can possibly land, but on the hill-sides and on these high, reach us this year, and when this season openrocky bluffs they succeed comparatively well. ed we had only 57,220 bushels here, and that

side of the Kansas river is the farm of John During the past year or two a new shipping Davis. Here are apples, 2 or 3 acres of black, mevement has been inaugurated, and No. 3 berries, and other varieties of fruits, the chief grade barley and below has been constantly feature, however, is the peach orchard which and largely taken for export via Lakes and consists of 500 trees. The location is in the Canal for Europe direct, and it has been very per cent broadcast, and 47 per cent. drilled.

manner.

this date is 540,623 bushels; for same date 217.640 bushels:

On the 17th of October last year No. 2 barley sold at 95c in store; to-day it closed at 58c What is there to justify this 97e discount?

In closing, we would state that we have no desire to impress our views upon any one, \$20 per acre. This year the blackberries, and have thus refrained from giving an opinion, but the facts are apparent.

> FAMILIAR FARM TOPICS. NO. XLIX.

> > BY JAS. HANWAY.

It is seldom that a calamity falls on a country, but that some benefit may be traced from The year 1874, will be long remembered by the farming community from the Rocky

mazoo, and a dozen other interior points conwho would accept a pig. Whole districts chanical improvements we use, the condisume it exclusively, and after they get their were depopulated of hogs. When the prosselves with hogs. The old stock had run out, age farmer. here so low, that it is imposssible to ship from good opportunity in selecting a better class of

which we experienced in '74, has turned out a drill. lasting benefit; for if our county fairs were to offer a premium for some of the original wood. rangers, it would be a very difficult matter to

hogs that we should do. We are frequently Our experience had taught us this long ago, heg, and that is all that can be said about it,"

manity travel hand in hand together. As an evidence that there is an advanced Theories and estimates will not prevail long interest and improvement in the hog family, before facts, and these are facts. We have we have agricultural writers who devote their cellent condition. The crop of plums was studied the whole subject long and carefully, time to furnishing hints and suggestions how to raise and grow pork. "Harris on the Pig,"is a work of acknowledged merit, and of late we have read another work, written by a citizen third-if there were so many premiums. The the only variety grown. The crop was nearly tural Department at Washington vs. the State of our county, which contains a vast fund of useful information, for a small sum. I allude to Mr. F. D. Coburn's "Swine Husbandry."

We all believe that we know everything concerning the hog, but from reading the recent production of our practical farmers, we find many suggestions which are of value to every farmer who intends to devote a portion of his means to the raising of hogs for profit. Send for the book. Mr. Coburn's address is Pomona, Franklin Co., Kansas.

WHEAT-DRILLING VS. BROADCASTING.

In travelling over the country, it is notices. ble that a larger per cent. of wheat has been drilled in, than in former years. This is progress in the right direction. Ever since the a difference of opinion among farmers in regard to the superiority claimed for it, over the old plan of broadcasting. Many of our best farmers may consider that the question is one-sided, a question which has been settled, that the drill has many advantages over the

carrying a heavy surplus of poor stock. Since one of the essentials of good husbandry; but compromise is patched up that is not satisfacthe opening of the season we learn that fully we must take into consideration that the table tory to the judges themselves, nor to anybody 700,000 bushels have been shipped in this is based on all the wheat area in the United else except the fortunate individual whom the States.

If we were to select the New England But, with whatever degree of indignation

this date is 540,623 bushels; for same date states, and the northwestern states, the per we may protest against this worse than foollast year we had 758,263 bushels; difference centage would be in favor of the dell; thus ed, 38 broadcast, etc. , etc.

thus—that the crops of Ohio, Indiana and Kentucky do not amount to much, either in acreage, yield or condition.

Illinois is in about the same fix, only not quite so bad in quality.

The choice of the Michigan crop will be taken at home, as the demands of the State are large, and the brewers at Detroit, Kalamazoo, and a dozen other interior points con.

Mountain locust visit, and the chinch bugs, which was generally credited to the millions of the country where corn is the leading crop, of the country where corn is the leading crop, of the country where corn is the leading crop, they make use of broadcast excelers, an importance. In insisting and the questions of blood and family are of the country where corn is the leading crop, they make use of broadcast excelers, an importance. In insisting and the questions of blood and family are of the country where corn is the leading crop, they make use of broadcast excelers, an importance in provement on the old method of sowing by hand, it is found more convenient to harrow gentlemen who are assigned to this difficult to prepare the ground in good condition to prepare the ground in good condition.

The choice of the Michigan crop will be into our county-seats with wagon-loads of the ground or use a double shovel, than the ground or use a double shovel. The ground or use a double shovel, than the ground or use a double shovel. The ground or use a double shovel, than the ground or use a double shovel. The ground or use a double shovel, than the ground or use a double shovel. The ground or use a double shovel are the ground or use a double shovel. The ground or use a double shovel are the ground or use a double shovel are the ground or use a double shovel a

If we take a summary statement of the rehogs. The opportunity was taken advantage ture we find that nine tenths assert the superiof, hundreds of pure-blooded Berkshire and ority of the drill. An increase in the yield, quality for much consideration, and whatever Poland Chinas were purchased and brought Less injury by freezing. That one-sixth of

JUDGING HORSES AT FAIRS.

There can be no doubt, as a general thing, almost impossible to get agricultural societies we do not pay that attention to the raising of out of the ruts in which they have run so long. Wm. Plasket's farm, is located 11/2 miles Minnesota for our choice barley this season, neglectful in caring for them in a proper but so much the greater need of "pegging and when he comes into the shewring, his manner. A hog is regarded by some, as an away" at these abuses until they are abolishanimal that can shift for itself, it matters lit- ed. We have not forgotten how we used to sion. Nobody complains of this, for it is right; der shelter in a dry, warm place. "A hog is a was worded somewhat after this form: "For the best bull of any age or breed." This was of late years, these old notions have given way called a "Sweepstakes" premium, and was the to a more rational, we may say a more humane highest awarded. In the ring would appear of Jerseys. In such a ring any tensyear-old child could see that the judges must first decide which was the best breed; a question the world to do. The force habitually terminated in giving one breed the first premium, another, the second, and still another, the

sally to horses, "The best stallion of any age raded in all their glory, the elegant parks and any number of nondescripts, that are neither one thing nor another. When the judge enters the ring, if he is an intelligent and er half, diminutive Arabs, suitable only for judge enters the ring, if he is an interingent of conscientious man, he reads over the classificatoy purposes.

To sum it all up, let the judgment be given To sum it all up, let the judgment be given introduction of the wheat drill, there has been a moment, and turning to his associates, he cast in the United States than drilled; viz: 53 them can trot any." And thus the question, or breed. Consider only the purpose for which per cent broadcast, and 47 per cent. drilled.

These figures may surprise those who re
This is the dilemma in which the judges find — Wallace's Monthly.

the sandstone rock, sloping to the north. The lower grades, and relieves our elevators from side in counties where the drill has become themselves, and in most cases some kind of a

New York reports 50 per cent drilled, 50 per have fallen, the practice exists, and we must cent. broadcast; New Jersey, 55 drilled and consider the best way to meet it where it 45 broadcast; Pennsylvania, 75 drilled, 25 does exsist. When the judges enter a ring of broadcast; Kaneas 45 drilled, 55 broadcast; this motley description, the first point for them broadcast; Kaness 45 drilled, 55 broadcast; this motley description, the first point for them Illinois, 76 drilled, 24 broadcast. If we turn to decide is, which family there represented brings the highest average price in the marter of the southern states we find North Carolina brings the highest average price in the marter of a horse is the number of dollars he will drilled, 99 broadcast; Mississippi the same; Texas, 2 drilled, 98 broadcast; Kentucky, 8 drilled, 92 broadcast; West Virginia, 42 drilled, 92 broadcast, etc. id, 38 broadcast, etc., etc.

It would appear from these figures that the wheat drill had not yet found its way to most of the southern states; yet the testimony in its favor is equally as strong in sections of the country where it has been used. There are several reasons which may be as form, style, action, etc., the choice is narrowsigned why drilling of wheat is not more uni-versally adopted by farmers. In some sections

were depopulated of hogs. When the prospect of a bountiful corn crop the following year brightened the aspect of things, farmers commenced to look around to supply thems time being has a strong point with the averstandard of his value. We have heard a great deal of talk against what have been called orts collected by the Department of agriculbeen called "farmers' horses," but really our views have always been so matter-of-fact, that, as an agricultural production, we have into the state. So far as the improvement in the seed wheat, or five millions of bushels preferred the breed of domestic animals, or the breed of hogs is concerned, the calamity would annually be saved by the use of the tle men inveigh bitterly against fancy-priced horses, as not being the kind that farmers should raise, and the very same men were considerable extent. The views then express. largely in Short-horns, that they would and Tartarian, are grown and succeed very well; over No. 3 at best) and it

So far as this section of the state is concerned met with a very hearty response from all only brings from 20 to 30c at home—it should depress and depress a to breed a colt and sell it for the same price, The calf is strong in the fashionable strains,

> There is altogether too much tendency to what may be called problematical judgment. What we mean by "problematical" judgement will be best illustrated by an incident. Somer body bred a little bit of a light leggy Arabian, weighing, perhaps, seven hundred and fif. ty or eight hundred pounds, on a great Percheron mare. The foal when following the dam with which they should have had nothing in was much like her, and they were shown at the Centennial Exhibition at Philadelphia, as a great discovery in horse-breeding. The astonished part of that transaction is in the fact that the judges, instead of awarding a premonly argument that could be used to sustain ium to the breeder of the hybrid as the greatways done so, and it is best not to change."
>
> The same system is an all of the same system is a system The same system is applied almost univers specially commending the cross as an imports ant discovery. The judges appear to have or breed" is found in almost every catalogue. been so ignorant as not to know that the ex-When you reach the ring, there you see. pa- periment of breeding a very small horse on a very large mare, had already been tried more horse, the fleet-footed trotter, of any size and than fifty thousand times. Again, they appear degree of scrubbiness; the great massive to have been so ignorant as not to know that, Percheron, the slick and lithe running horse, if this colt should be kept as a stallion, his progeny would be about equally divided, one

on what the animal is as a representative addresses them; "Best for what purposes? If of his family or breed, and not for what he it is the 'best' for pulling a heavy load, cer, might get by crossing him upon other breeds. tainly there is nothing here to compare with If the Percheron is the best breed in the marthe Percheron. If it is the 'best' to run a race ket, judge the Percheron stallion by what he of a mile or more, certainly there is nothing can do or has done on Percheron mares. If so swift as a race-horse, and we may as well the race-horse brings the highest price, judge practice of broadcast. Yet we learn from the dismiss the Percheron. If it is the 'best' trot- him by the quality for which he is distinguishreport of the commissioner of agriculture, ter, the race-horse and the Percheron may ed, and not by some supposititious animal that there is annually more wheat sown broad both as well go to the stable, for neither of that he might produce if crossed on some oth-

THE FAIRS.

MANSAS. ANDERSON COUNTY FAIR Was held on the grounds of the Alex near Garnett, Kansas, on the 3d, 4th, 5th, and finest 6th of October.

th of October. The 3d was indeed a rainy day, or using the management to continue the fair over one day more than was at first contemplated. The last three days were all that could be desired, and the fair was, after all, a decided success.

Along the fairs bank of the beautiful Sugar was arranged in stalls and other is some fifty head of fine cattle. One hundred and seventy nine head of hogs on exhibition made as fine a show of porkers as can be shown at anybody's fair.—La Cygne Journal. and the fair was, after all, a dect ded success. in Anderson county."

n Anderson county."

The show of stock was good, Mesers John Moler, Shields & Bobo, Robert Mundel, Thos. Wardell' being the principal exhibitors of Short-Horns; A. A. Adams and J. M. Hargrave represented the Ayrahires, while Jnc. Cooke, Thos. Gowdy, B. F. Saintabin, Thos-Brownig, and others came in with good of an apple tree, above his display contained grade cattle. 103 entries of cattle. Horses were represented by 118 entries by parties too numerous to mention. There were 43 entries fity cents a bushel, will pay for one branch of as fine hoge as any county in the State can boast; PolandiChinas and Berkshires predominated, with a few good Chester-Whites

Saxon-Merino breeds, entered by Thornton. and Stevens, constituted the show of sheep.

A fine lot of poultry,by fanciers of the county, was on exhibition.

The show of small grains, though limited, was creditable, while the exhibition of corn was something of which our county should be proud. Beets of enormous size, and other vegetables of like quantity and quality astonished the beholder, while the culinary department showed that our good wives and daughters can do as well in the kitchen as in the same of Davis county, had the finest display of peaches we ever as win any place, east or west; large, smooth and delicious. Mr. Williams, also of Davis county, had the finest display of peaches we ever as win any place, east or west; large, smooth and delicious. Mr. Williams, also of Davis county, had the finest display of peaches we ever as win any place, east or west; large, smooth and delicious. Mr. Williams, also of Davis county, had the finest display of peaches we ever as win any place, east or west; large, smooth and delicious. Mr. Williams, also of Davis county, had the finest display of peaches. There were other displays, but we failed to learn where they were raised. There were also a few grapes and a few barberries.

Mr. N. B. White had a most excellent display of vegetables, twenty-five different kinds among which were good sweet petatoes two years old. the parlor.

The exhibition of fruit, though not large was grand. The floral department was well represented and cared for by Mrs. L. Everet and others, adding beauty to grandeur.

R. T. Stokes, Anderson county sewing machine man, was on band with a full line of machines and farming implements, and with the rich farming states east of us .- Manhat-Winans & Naylor and M. A Thomas, gave us good showing of wagons, etc.

In textile fabries there were 78 entries, embracing almost every variety and quality of articles in this line,

We were treated to the usual amount of swinging, auctioneering, hot candy, soda water, cigare, etc., but no gambling device was allowed on the grounds. There were two trotting matches, one for horses which had no record, of three minutes or less, for a purse of \$40, \$25 to the 1st horse, \$15 to the 2d horse, won by Sleepy Billy, J. C. Burgess, Louisburg, Kansas, in 3:05; second money to Black Nelly, E. C. Lyle, Bates county, Mo. The other match, free for all, for \$75, to be divided between the three best horses; entered Sleepy Billy; Belton Maid, J. Longshore, Belton, Cass county, Mc.; Maggie Fulton, -Smith, Iola, Kansas; Nellie Gray, W. Terry, Wichita, Kansas. The first heat was won by Sleepy Billy, time, 2:521/2; Maggie Fulton 2d. 2d heat won by Sleepy Billy, time 2:551/2; Belton Maid 2d. 3d heat won by Maggie Fulton, time 2:50; Sleepy Billy 2d. After these races the boys indulged in numerous scrub races for the amusement of the few

the people up to a higher motive for the holding of fairs than to see the races. The most useful and beautiful should predominate; and we should think less of the pecuniary advantages to be derived, and more of the social, moral and educational results. Not so much of the immediate, personal good, as of the more remote and general amelioration of the condition of mankind. When all thus work in bushel, and mammoth corn both in the ear and for our fairs, then shall we reach the greatest benefit from them.

A. C. MESSENGER.

ALLEN COUNTY.

Last Saturday was a good day and witnessed a large attendance at the fair. In the face of all the inconveniences of encountering stormy weather, the fair was, notwithstanding a success. The fact has been demonstrated that we can hold an exhibition of this kind at Humboldt. As yet we have hardly com-menced to show ourselves in this line. We are an earnest, enthusiastic people and go in to win in every undertaking that will benefit the town or country. These agricultural shows create an interest in channels that are bound to accomplish much good to the people of ev-ery class. We say let the good work, inaugu rated, go on. In a few years ours will be institution that every citizen will take just and honest pride in.

Everything passed off very pleasantly at the fair. The officers were prompt and courteous and did everything in their power to make the fair a success. No "wheels of fortune" on the grounds. We don't believe there was No "wheels of fortune" on any gambling going on during the fair.— Humboldt Union.

LINN COUNTY.

The second annual county agricultural and mechanical association began on Tuesday, the second instant, and continued through the

The first two days of the fair were storm and bad as two days could well be, and did much to deter people from a distance from at-

In the south wing was spread before us as fine a display of farm products as it has been our fortune to look upon in this world. Wheat, oats, corn, rye buckwheat, beans, castor beans, flaxseed, pumpkins, squashes, corn on the stalk, sorghum cane, potatoes, sweet and Irish

and Karbeats Karbeats Karbeats Karbeats Karbeats III.

The fruit display was the finest we have seen in Kansas, either at the State Fair or Douglas county, the county which was, at one time, considered the best fruit county in the state. Hon. Welcome Wells displayed nearly seventy varieties of apples and about a dozen of pears. One branch about one foot in length

of farming.

Mr. Beal, of Ashland, had a fine display of coast; Poland Chinas and Berkshires predominated, with a few good Chester-Whites
Three fine bucks of the Spanish, French and
daxon-Merino breeds, entered by Thornton. also an excellent display of fruit. Mr. Jos. Kimball had seventeen varieties of apples, and

Mr. N. B. White a large number.

Mr. Cutter, of Davis county, had the finest

There was more fancy stock at this fair than at any previous one, showing that this, as it ought, is beginning to attract the attention of Kansas farmers. Judging by the sale of this stock, and the anxiety of farmers to own it, with those owned by the prosperous men of tan Nationalist

HARVEY COUNTY.

On account of the unpleasant weather, Wed nesday, a goodly portion of Thursday had to be devoted to arranging articles for exhibition by the committees, notwithstanding the im-mense crowds which kept constantly coming and going and moving about. Some additions for this year. There was now no time for changing and remodeling. When the Secret tary's books were closed, there were 561 ente.
ries recorded, besides a large number of articles
were on exhibition which had never been booked. There were perhaps one thousand different articles for dierlay upon the grounds. This in both quality and quantity exceeds that of any former fair in the county, and but demonstrates the rapid growth of our county and the increasing popularity of the society .-

MONTGOMERY COUNTY.

The exhibition of the agricultural society last week was a grand improvement on that of last season, and on the whole a success, although in several departments it was a failure, notably that of farm implements and me-

beauty and quality, and the number of entries were very satisfactory.

The vegetable department was well filled with mammoth pumpkins, turnips, beets, cabbages, radishes, sweet and Irish potatoes, on ions, etc., all going to show that our soil is capable of producing not only the largest va-riety, but those of finest quality. Of the cereals, the wheat display was mea-

gre, although several good samples were and on stalks, some of the stalks being 161/2 feet high and 10 feet to the ear (of which samples can be seen at this office.)

The exhibition of colts at the fair was one of which the county may well feel proud, and is proof positive that our farmers are improving their horses .- Southern Kansas Tribune.

MARION COUNTY.

As intimated in our issue of last week, the third annual exhibition of the Marion county tendance was much larger than upon any previous occasion. On Friday in particular there was an immense throng apon the grounds, and judging from appearances everybody was

The display of hogs and cattle was unusuals ly fine, in the matter of breed at least; it was the universal opinion of strangers that we had a finer display of the former animals than they had ever witnessed. In agricultural products there was a decidedly satisfactory display. Such a display of potatoes, turnips, squashes and kindred articles, is seldom equaled. It was highly encouraging, as it dissipated any fears of famine. The building devoted to fine arts, domestic manufactures and the like, was literally packed, so much so that it was difficult to display the articles to advantage Mr. Billings of Marion Centre, occupied a large space in the display of fruit, and it occurred to us that a country capable of raising such apples, pears, etc., must eventually become a very garden of Eden. There was a fine exhibition of poultry, also of agritending, but the remainder of the week was cultural implements, stoves, wagons, etc. In good, and people flocked to the exhibition by thousands. ery person who had a good horse entered it, and although all did not get a premium, yet they had the satisfaction of e njoying the freedom of the ground, and showing the public that they owned an animal worthy of wear-ing a tag on his ear.

The races like everything else, were success-

the cradle. Shiffee it to as the excellent, and theroughly stators.—Pichedy Garatte.
haround.

the all that could be desired in cather, to contribute to the suc-

number of our citizen, unides many from abroad were present.

The first day was chiefly deveted to the entry, becaption and arrangement of the products of the soil, and the stock, of which there was a good display, although far interior in quality to what may have been aspected this season, but it seems that the productions of the farm were so good that an exhibit was unsecsiary to advertise the county, and the exhibition stock could have been larger, but perhaps not finer, as some of the best blooded in the West were there.—Scandia Republic. in the West were there. - Scandia Republic.

MC PHERSON COUNTY.

To say it was a success in the broadest sense of the word would no more than tell the truth. It succeeded much better than we expected, taking into consideration the very busy season of the year. The people came in crowds from all parts, and went home pleased with what they had heard and seen. The display of the products of the soil was not as great as it might have been, although the samples shown were good. The display of fine arts was not very extended. The musi-cal department was well represented by Dr. Bone. Sol. Stephens made a splendid display Bone. Sol. Stephens made a splendid display of Colorado minerals, the value of which we know to be considerable. The display of stock was very good for this new county, and better than we have seen at fairs in counties many years older. The trotting, pacing and running was very good,—the time made by pacers and trotters being about three minutes, which is not bad for farm plugs.—McPherwhich is not bad for farm pluge .- McPherson Independent.

THE USES OF THE SEVERAL WOOLS.

Leonard Drane read at the annual meeting of the Kentucky Wool Growers' Association. an address on wool and its classifications for market. In his remarks he said:

It has been asked of manufacturers," what is the most pressing necessity of your manufacture? and answered, "we want more domes" tic wool;" but I would say we want more domestic wool improved to suit the manufacturneet not feel ashamed to compare their berds er. There are forty-six mills in the United er. There are forty-six mills in the United culture, in glasses especially, but some of the States that use foreign wool entirely, and seven double roots do well in the house. Hyacinths hundred and sixty-seven that use both dothirty-one mills using seventy per cent. of do-mestic, and thirty per cent. of foreign wool. were supplied at home with the various kinds they want to use? They would not.

I have condensed the wool into three class were made on Friday, principally for display, and the building found to be much too small for proper exhibition. But it had to answer ment of agriculture in 1872. Merino wool is used in opera and common flannels, blankets, shawls, shirts, vests, skirts,drawers, cardigans, hose, fancy cassimeres, meltons, over-coatings light coatings, fancy cloakings, some varieties of delaines, coburgs, cashmeres, ladies' dress goods, and all mixtures of wool with shoddy; the longest and finest Merino wools are used to carry wool substitutes. The peculiar excellence of Merino wools is found in the strength of all goods they are used in.

Combing wools are used in shawls, fancy knit goods, ladies' fancy cloakings, serges, moreens, alpacas, cloth for linings, mohair, lusters, lasting, damasks for furniture, furniture covering, curtains, table-cloths, reps for

As managers of fairs, let us strive to educate have done credit to a county fifty years old, in blankets, also the noils of combing wool. The consume our coarsest long wools; the shortest stapled coarse wools are used for filling.

We should grow the best pure Lincolnshire, Cotswold, Rambouille Merinos and Southdowns, and cross them on our native sheep, and each other, until we establish new races. Kentucky stands fourteenth in numbers of 284,200; Wisconsin, 1,162,800; Illinois, 1,311, Remember the sponge or moss must always be 000; Michigan, 3,450,000; Ohio, 4,546,600; California, 6,750,909; and Kentucky, 683,600; in the United States, 30,000,000 to 36,000,000. No animal pays better profit. The clip of the United States for 1876 was about 200,000,000; crown out. Water and place in a dark 000,000, mostly combing; of the continent of agricultural society was a complete success in Europe, about 207,000,000; of Australasia every particular. Not only did the entries far about 350,000,000; of Buenos Ayres and River exceed that of any former year, but the atprincipal wool growing countries in the world, and produce 1,282,000,000 out of the estimated 1,419,000,000 produced on the en-

tire globe. The value of all kinds of wool is determined by its strength, luster, working qualities and shrinkage. Wool is divided by governments for tariff, and wool merchants into three classes: Clothing, combing and carpet, Wool merchants separate each division into as many classes as there are distinct qualities of staple in each division, to suit the purchaser. Manufacturers take the fleeces, putting them into as many classes as there are distinct qualities of staple in each fleece according to its length, color, lustre, etc., except the gumming locks, which they will not buy unwashed. Clothing wool is generally divided into three classes:-fine, medium and coarse. The average price for fifty-three years, since 1824, for each class per washed pound is, for fine, 611/2c; medium, 501/2c; coarse, 51c; or nearly 51/2c per to less on each clase as it grows coarser. Average price per but should be at least twenty feet long and washed pound Australasia in London, from est profusion, the like of which cannot be excelled. The harvest has been very abundant

The races like everything else, were successful, although there has perhaps been more
ful, although there has perhaps been more
found on this point than any other. We Bond, 43½c gold. Counting freights, combe had through windows. The bench should circumstances, cause them to be forgotten."

and the land is laden with the richest of Nature's choicest fits. The husbandman is fejoiced and encouraged greatly.

The center of this hall of whose contents
we have already said so much, was recemble
well arranged in the form of an octation pyramid of narrow shelving, all laden with the
finest meetings are presented as the content of the race was excellent, and theroughly enjoyed by speciators.—Peccely Gazette.

missions, etc., for the same period, the average price in currency for washer Australian
granted that they were similar to the age
would be 80c per ib in New York, or 19c more
than any of our clothing wools, and 29c fibore
than for any of our coarse wools. Card or X
finest meetings are laden with the woods are required to be fine, short in stapes, "fall of spiral curis and servatures." Combaing wood consists in drawing out the fibers is well consists in drawing out the fibers straight and parallel, then twisted into yarn, called worsted, "the ends in observe being covered, water the yarn smooth that learners." The stapel should be conerally two to eight inches long, having a few "spiral curis and agratures" with distinct leater.

These qualities are found in the English the order of perfection, as follows: The Lin colnshire, Leicester, and Cotswold breeds. Delaine goods are shorter and finer, and can be used as short as 21/2 inches, but must be very fine and nice. The coarser the staple the longer it must be. These are not classed in the trade as combing wools. There are fine, medium and coarse combing wools.

GROWING HYACINTHS IN THE HOUSE. There are four ways of growing hyacinths in the house. First—in glasses of water. Second—in spenges. Third—in moss. Fourth—

As the same bulb or variety that will make a glowing and handsome appearance grown in the ground will not flower so well in water, it will be necessary when you order water, it will be a dealer to say whether you wish them for glasses or for planting in pots.

I will now describe the plan of growing

them in glasses, presuming you have bulbs suited for this purpose. Glasses are made expressly for growing them, called the hyacinth glasses. Fill the glass up with well water and place the bulb on top of the glass so that the bulb does not quite touch the farm.

Other blacksmith tools may be obtained if one can use them, together with shoeing tools A patent forge, one of the most convenient for use, costs \$38, and will be found handy on the farm.

For harness repairing, a good stock of cop: water, set them away in a cool dark room or cellar until roots are well formed which will be from two to four weeks, then remove to a light, moderately warm room, giving plenty ficient to mend almost any common thing of light and air. When the flower seeds appear sprinkle the plant frequently with rain pear sprinkle the plant frequently with rain pears and provided the pears and pea water. Keep them now in the coolest room you have away from frost and near the light They are often ruined by bringing them into a hot, dry, unventilated room. can be brought from the cool room when wanted to decorate the table or for the sittings room but should be returned to the cool room again at night.

The single ones are more reliable for house grown in water exhaust their strength so that One oilstone..... mestic and foreign wool, or nine hundred and thirty-one mills using seventy per cent. of domestic, and thirty per cent. of foreign wool. Would manufacturers import wool if they were supplied at home with the various kinds they are not as strong as those grown in pots. They will not blossom again the following summer, and may in all probability die when the bloom has faded. If planted out in the ground it may live and recuperate in vigor and strength, and bloom the next year again, will require some attention to keep the control of the contr but I would advise the procuring of new bulbs

every fall for forcing.

The water in hyacinth glasses may be changed once a week and made tepid. A piece of charcoal or a few drops of ammonia added to the water will increase the brilliancy. Be careful to use but little of the latter. To grow the hyacinth in a piece of sponge, cut a hele in a piece of coarse sponge sufficiently deep to insert the bulb. The sponge can be placed in a fancy basket or a stand, and by sowing cress or fine grass seed, it will soon become mass of green. It must, of course, be supplied with water. The hyacinth will flower in about thirty days. Hyacinths generally need a long season of rest and become more anxious to grow from and after Dec. 1st. Planted in November they sometimes go along very moderately and take nearly three months in blooming.

To flower them in moss use such moss as grows in swamps, called sphagnum, and is the same as procured by nurserymen for packing plants and trees. This moss has proved to be especially adapted to the growth of the hyachanical productions.

The display of fruits exceeded the expectations of all but a few sanguine ones who had worked hard to secure this special feature.

The exhibition of apples, especially, would

furniture and curtains, webbing for reins, cinth and grows them petter than girths, suspenders, flags, military sashes, cord and tassels, nubias, braids, bindings, etc., etc. pots or wire baskets, pressing it in moderately firm and set the bulbs only about two-thirds firm and set the bulbs only about two-thirds in the moss, leaving the balance uncovered. cinth and grows them better than either place. brilliancy and fineness of plants grown in this way cannot be excelled even by those grown ana, 1,250,000; Iowa. 1,163,900; Missouri, 1, fine crep of seed and made perpetually green.

kept perfectly moist.

To grow them in pots; take a four or five inch pot, put in good drainage, fill it up with in one inch of the top with a good, light, rich earth, with a little, well decomposed cow manure, set the bulbs in the centre leaving the of England, Ireland and Scotland, about 162, or cellar where it will not freeze, should be a little warm. Let it remain four or five weeks. up a shoot say from one to two inches long. about 350,000,000; of Buenos Ayres and River Give it water occasionally as needed. Then to grow fine flowers you should always procure the best of Holland bulbs which will of the hyacinths have a disposition not to throw up a fine spike but to bloom down in some, but this can always be obviated by rolling up a piece of paper having a space in the centre of the bottom say three inches wide and narrower at the top say one and a half keep it down and exclude all light except at the top, which will cause the spike to rise to and be very charming and beautiful, and will repay you for all your watchfulness and care. -American Farm Journal.

HANDY TOOLS FOR THE FARM.

As we promised in another article, we give a list (and prices at the Farmers' Union, San wide enough for convenience. A carpenter's bench, ten feet long, with good vice, should

e	be made two and a half feet high, and as
١	wide.
į	A good wooden fice to attach to one
1	end, will cost, 24 60
	A Gross hand saw
	A ripesew.
	A Key-hole aw
1	Brace and aix sugar bits from L
1	19 19 chen 2.00 to 3.00
1	Half dozen gradet bits
4	botewarted temper and counter-
ì	50 50 50 50 50 50 50 50 50 50 50 50 50 5
l	imfets different sires
Ņ	Ten gages
ð	One trawing wife 50 to 85
ğ	One spoke-shave
ĕ	Che mallet
ä	One mail bammer
Ę	Out that charter
12.0	One common axe 1.65
ļ	One brooks are (short handle) 1.25
á	One common axe
á	One strong screwdriver
ė	One pair dividers 40
l	One scribing awl, and spool for
	chalk line, complete with line 15
	Three planes, viz : jack, short joint
	er and smoothing 2.40
i	One steel nail punch
Į	
	For iron work
•	A small 50-pound anvil
	Two cold-chisels 40.
	Three punches, different sizes 50
i	Two hammers
	One pair strong nippers 80 Iron vice, 25 pounds 450
0	Iron vice, 25 pounds
	Stock and dies for fitting bolts and
	nuts
	Other blacksmith tools may be obtained if

For harness repairing, a good stock of cop: per rivets of different lengths, burrs to match, with punch to make holes through leather, and riveter to head the burrs, will be suf-

tor punching leather on.

The keeping of tools in repair is most es-sential, and should not be neglected. Never attempt to work with dull and rusty tools. It

will require some attention to keep them in order, but it is quite essential to success. About the house a soldering iron and tin-cut: ting shears should be at hand. A good soldering iron costs about 50 cents, and the shears \$1. With a piece of resin and solder, and these tools, one can soon mend all the tinware in the house, and with the shears the tin cans can be utilized in various ways. A glue pot with glue should be in every house. It is an indispensable article. A whitewash brush, paint brush and varnish brush will be found handy. Whitewash is easily and cheaply made. Paint can be bought already prepared; Whitewash is easily and cheaply also varnishes for various purposes,

A complete assortment of nails is something that everyone should keep constantly on hand. Also of screws; you will find them indispensable. It is also well to have an assortment of bolts, rivets, etc., of sizes to fit such machinery

For \$50 one can get an outfit of tools, including an assortment of nails, screws, bolts, etc., sufficient to do almost any kind of work, and for \$50 more add a blacksmith's kit, etc. No better investment can be made on any

CORN AS FUOD.

in the moss, leaving the balance uncovered. The Milwaukee Milling Journal thus com blankets, also the noils of combing wool. The warps of ingrain carpets, two or three ply, consume our coarsest long wools; the shortest at a described for glass. A little manure water or a few drops of ammonia used in watering kind, and when the comparative value and will increase their beauty. You can plant at cheapness of the different grains is more thorintervals of two to six weeks and have a fine succession of bloom. I forgot to say that the developed that there is as much caste in food moss must be thoroughly wet with rain water; as in the human race that is supported by it then let it drain before setting it away. The Scarcity and high cost of wheat will eventual. ly force nations and individuals to learn that the moral and financial elevation of the massheep, compared to other states in 1876—Indi- in soil. This moss can also be covered with a see depends upon substitution of some good material cheaper than wheat and bearing nearer proportion to the reduced state of wa ges now prevalent the world over. When the conventional necessities of life increase in cost, laborer's wages diminsh, and suffering and discontent ensue. The following comparison will show that corn, as well as oats, is cheaper food than wheat: Oats contain 19 room 91 per cent. nourishment; corn, 12.30 per cent. and wheat, 14.06 per cent. Each pound of nourishment from oats at 5814 cents per bush at least until it is thoroughly rooted and sends el cost 9.83 cents; from corn at 67 cents, per bushel, each pound 9% cents, while from wheat at \$1,07 per bushel each pound of La Plata, about 207,000,000. These are the bring it into the light in a warm atmosphere nourishment costs 20.61 cents. The corn crop when it will grow rapidly and produce spikes of the United States equals the wheat crop of of exquisite flowers. I will here remark that the civilized world, while 40 per cent, of the latter cannot raise sufficient for their own wants. The deficiency in the United States cost at any time two dollars per dozen. Many wheat crop for 1876, exceeded the entire export of 1875, while our exports of wheat in 1875 were 10,000,000 bushels less than among their leaves and hence are not so hand in 1874, showing that wheat cannot be claimed as a sole dependence from the rapidly increased population of the world. Corn must before many years, be consumed as a partial substitute, at least, for wheat, and the better and is produced in quantity in this order. inches. This can be pasted together. Then the quality of the grain, and the more perfect set the large end over the flower resting on the process of preparing it for food, the the pot or earth; and fasten it there closely quicker will come the enlarged demand with pins or covered with earth or any way to This is in part confirmed by the fact that our keep it down and exclude all light except at exports of 1876 were 3 per cent. for our whole crop, while for the twelve preceeding years they averaged only 1. per cent. of the corn produced.

> KID BOOTS,-To restore the color of black kid boots, take a small quantity of black ink, mix it with the white of an egg and apply

with a soft sponge. "A lady reader asks the New York Herald Jose) of a few of the most useful tools that for a recipe to remove freckles. A lady in should be found on every well-appeinted farm. Rome who has tried the remedy, recommends the tool house or shop need not be expensive, the following: Bathe the face lightly with cologne water after tea, and about 10 p. m. brush both cheeks, the ferebead and chin with a carefully selected mustache. If this does

STATE GRANGE DIRECTORY. MASIER, WM. SIMS,
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Steward. W.D. Repper,
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Flora, Mrs. B. A. Chis, Topeka,
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Lady As't. Ste'd Mas. A. Repper, Severance, Poniphan Co.
EXECUTIVE COMMITTEE. EXECUTIVE COMMITTEE.

Latrons of Husbandry.

M. E. Hudson, Mapleton, Bourbon Co. Chain. W. H. Jones, Holton, Jackson County, LEVI DUMBAULD, Hartford, Lyon County.

STATE CO-OPERATIVE ASSOCIATION. President, M. E. Hudson, Mapleton, Bourbon Co. Secretary, A. T. Strwart, Kansas City, Mo. Treasurer, WM. Sims, Topeka, Shawnee, Co.

"Do unto others as you would have them do unto you," is the golden rule extending to every sphere of action, as the guide of our thoughts and our conduct. That maxim is the foundation principle of the Grange. Actuated by this high behest, what harm can come to Patrons or their institutions in mutually receiving and imparting personal views upon the important questions of the day? Unless Patrons, in temper and speech, are prompted by such noble and underlying impulses, they are not true to the Grange. We have assumed, and we think our position will be sustained by the common verdict of the Order, that every member means to do right in politics as well as in everything else. How can they know the common resolve to do right, that is, understand each other, unless opinions are exchanged? Without the intercommunion that breaks down reserve, they cannot attain the knowledge of each other's character, essential to the raising the brotherhood to one common plane. From this elevation, looking at public affairs with a concentrated vision acting in absolute, harmony, the Grange becomes a mighty power in the accomplishment of the highest purposes which ever controlled any organization—that of permanently ameliorating the condition of mankind. The organic principles of the Grange offer no obstacle to the achievement of this high purpose. They seem to be set forth with such clearness crops. that, in this respect, they hardly need elucidation. The argument naturally follows from the premises .- Farmers' Friend.

GRANGE FAIRS.

Every one who comprehends the importance of making Granges practical, of running them on some other principle than that of sentiment and "gueh," must rejoice at the popularity of Grange fairs; for these fairs, if properly managed, may be made to furnish a great deal of pleasure and a great deal of instruct tion. The persons who compete for prizes at a fair are usually those who have undertaken to do at least one thing more than ordinarily well. They have aimed to make a roll of extraordinarily sweet and golden butter; to knit some unusually soft, warm stockings; to grow some unprecedentedly large ears of corn; or to raise some unsurpassed fruit. The announcement that a fair will be held, creates this aim in many minds which wanted it before; and in view of a fair many persons, who at other times do not care to excel their neighbors in anything, set to work to do some!

This rate of increase (about 15½ per cent.) horse; but hearing it spoken of as a trifling better than anybody else can do it.

would not hold good in the other States, for matter, he fancies it comes as naturally for a Hence a fair leads many people to do better if the same average per centage of increase horse to swim with a man on his back, as to Hence a fair leads many people to do better work were applied to all the States it would give walk or gallop. On the contrary, not above work than they do ordinarily, and better work us a population of 44,564,881 for the year two or three horses in a hundred can carry a same average per centage of increase walk or gallop. On the contrary, not above us a population of 44,564,881 for the year than they would ever do if there were no fairs 1875, as against 38,567,617 in 1870, and would man safely over a river or stream of any than they would ever do it there were no tails or no other excitement as strong. But there are some whom even the prospect of a competitive exhibition of the products of their labor will not arouse to extra exertions. Yet even in this class there are many who will attend a competitive exhibition of the products of the rest census will probably be Texas. The tend a competitive exhibition of the products of the products of the state which will exhibit the greatest gain at the next census will probably be Texas. The enormous size of the State, and the quantity of the greatest gain at the next census will probably be Texas. The enormous size of the State, and the quantity of the greatest gain at the next census will probably be Texas. The enormous size of the State, and the quantity of the greatest gain at the quantity of the greatest gain at the next census will probably be Texas. tend a competitive exhibition of the products of other people's labor, if the labor be of the same kind as their own; and they will derive profitable entertainment from it, Grange fairs, besides having the improving influence on labor that well-managed fairs in general have, will have the effect to attract new members to the Granges, and to increase the interest of those who are already members .-Cincinnati Grange Bulletin.

MANHATTAN GRANGE.-Many members of work of the Grange and punctually attend its of the amount of skill and judgment he emmeetings, and faithfully perform the duties required of them. At each meeting a discussion is held upon some question of practical importance. Lately, the subjects of Making and Repairing Public Roads, The Diseases of Swine, Peach Tree Culture, etc., have been disposed of, to the seeming profit of every of such a man have been lately discussed in and Repairing Public Roads, The Diseases of member present. What ought we to expect from the Common Schools? is presented for discussion at the next meeting, 21st, and will be introduced by a paper from the worthy lecturer, Prof. Ward. Those who have heard the Prof. on similar subjects, will realize what a treat there is in store for them, if in punctual attendance. Members of other Granges are cordially invited to participate with us.

Regular sessions on the fourth Saturday of each month at 11 o'clock A. M. Discussion at He should have intelligence and foresight to prepare for, and take advantage of changes J. N. LIMBOCKER, Sec. 1 o'clock, sharp.

Mr. Dudley T. Chase, master of the New Hampshire State Grange, called at our office one day last week. He is a member of the National Grange Executive Committee, and was in the city to attend the quarterly meeting. Mr. Chase, on the subject of co-operation, says that the subject is not yet under stood in this country : that co-operation, as a principle, can be safely carried on by consum. ers in a neighborhood retail store, but when applied to the intricacies and uncertainties of

great international trade can but prove un- tion, his land always well cultivated before

The Kentucky State Grange will be held in this city in December, and, as the meetings have heretefore been merely impromptu, in which those who assembled had scarcely any ides of what they wished done, it would be well for Subordinate Granges to begin now and be prepared to instruct their delegates on certain questions that will undoubtedly occupy attention at this meeting. Not the least of these will be the subject of officers and salaries. Unless the common murmur among the membership falsifies itself there will be important changes made in some of the leading offices .- Courier-Journal.

EDITOR FARMER: A day or two ago I called on brother Freeman, on the north side, in company with brother Ross, as he wished to show me a great curiosity (as he called it). Brother Freeman is the champion potato raiser over there, and aims to keep pure seed and raise the best. Last spring he sent off and got one bushel of Peach Blows, for a change, but they proved so inferior to his own seed, that he hardly thought it worth while to plant them, but finally concluded to do so; he planted three rows across his patch with the new potatoes, then two rows of his own seed (same variety), then another row of the new kind, he has two acres in the patch, all planted at the same time, and tended the same; the potatoes were not dug when I examined them, but I picked out the rows at first sight, and after digging some, we came to the conclusion that there were about four times as many pot tatees in each row of the new seed, as there were in the rows that were planted with his own seed.

I think brother Freeman would have been \$150, better off (at present prices), if he had planted the two acres with the "little scrubby seed," as he called them. Moral: We must change our seed, not only potatoes, but any and everything else if we want good, healthy W. P. POPENOE.

HOW WE GROW.

Already, says the Chicago Tribune, people are beginning to speculate as to what the population of the United States will be in 1880. The general estimate ranges between 45,000,000 and 47,000,000. Twelve States have taken their census in 1875. Michigan took one in 1874, and Missouri and Nebraska in 1876. The following table exhibits the figures of population by these enumerations compared with the late United States census in 1870. The right hand column shows the

each State:	3 00 10 20	77		DOM:
H- 1	U. S. Cen- sus, 1870.	State Censuses.	Increase.	Per cent.
Iowa	1,194,030	1,350,544	156,524	13
Kansas		528,437	164,038	45
Louisiana	726,915	857,039	130,124	13
Massachusetts.		1.651,912	104,561	18
Michigan		1,834,031	149,972	13
Minnesota	439,766	597,407	157,701	36
Missouri	1,721,295	2,085,537	364,242	21
Nebraska	122,933	257,747	184,754	109
Nevada		52,540	10,049	24
New Jersey	906,096	1.019.413	113,317	13
New York		4,705,208	822,449	7
Oregon		104,820	18,997	15
Rhode Island		258,239	40,886	19
South Carolina		823,447	117,841	17
Wisconsin		1,236,599	181,929	
the said of the said of the said of	117 CARREST 117 CARROL	Andrew Street,	0.00	-

Total.....14,610,636 16,863,020 2,252,884 of its fertile land, have attracted vast swarms souls in 1880, making her the Empire State of at least three States.

A PRACTICAL FARMER.

"A practical farmer," is a term which often bears a vague indefinite meaning. To the minds of many, it simply conveys the idea of MANHATTAN GRANGE.—Many members of this organization are deeply interested in the the soil and attends to his stock, irrespective ploys in the occupation. To others, however, it implies not only the possession of personal experience in agricultural pursuits in the person thus designated, but also a degree of knowledge acquired by study as well as prac-tice, which fits him to be successful in his one of our transatiantic exchanges, and the conclusion arrived at harmonizes with our conception of his character.

Whether tenant or landowner, the practical farmer should be one that farms for profit, having adopted the avocation as a regular business, and not for amusement or for experimental purposes for the benefit of others. He should have sufficient skill to know the bestthat is, the most profitable and productive methods both of cultivating and cropping his land and managing his stock, and capital enough to carry his knowledge into practice. n the weather and to meet successfully any unexpected emergency. He should be methodical in his habits, and see that every duty is well performed at its appropriate time. He should be diligent himself and possess the faculty of handling his employes so as to keep them contented and industrious.

He should be ambitious of constant imprevenent and always be aiming to do better this year than last. He should learn what crops and what animals on his land are most his farm, his fences are always in good condi- tin of Chicago Woo! House.

great international trade can but prove unsatisfactory and a failure. He thinks the tariff
question one properly belonging to party pole
ities, and that any attempt to bring it into the
Grange will result in a division.—Courier

branches which fail to be profitable, or changes his treatment of them. By reading good
Journal. paper, he is always acquainted with the latest discoveries and the most approved practices in his avocation. Such a man, with brains enough to combine the lessons taught by the experience of others with that practice which makes perfect and with watchful industry, will never have have cause to complain that farming does not pay.—Rural New Yorker.

That a revival is going on in all that relates to agricultural interests is plain enough to the most ordinary comprehension. The success of the farming occupation, but especially its reliance for a man, is on almost all tongues. The great crops of the present year have come forward to prove the value of this occupation as it has never before been demonstra-ted in this country. Men are at last convin-ced that agriculture is at the bottom of our national prosperity. They comprehend in an entirely new way how all branches of business depend on it. But for this year's crops, we might still have waited, as we have been waiting for the past four years, for a start in trade and manufactures. Any person can now see that it would have been impossible to do anything whatever if farming had not put its long and powerful lever under and pried the country out of the fat in which it was set. Mass. Ploughman.

NEAT FARMING.

Good farming and neat farming are not syn onymous terms. A good farmer is one who obtains the largest possible income from the soil, for a long series of years, without diminishing its productive capacity. The good farmer adopts such crops and stock as are best adapted his land pursues a judicious rotation cultivates well and thoroughly, makes and husbands all the manure possible, buys all the manure in the shape of plaster, phosphates, guano or other commercial fertilizers, or food for stock, that a wise economy will justify, saves what he produces and sells his products in the form that will bring the largest income at the

A farmer may be all that we have indicated and yet fail to be a neat farmer. We recol-lect the remark of an old man, when we were a boy eight or nine years, that it takes some thing of a sloven to make money at farming, and if making money is the sele end of farming perhaps neatness would be unadvisable. But there are men who honestly believe that man is of more importance than money, and that a man's life is greater than his business or profession. That a man may meet all his business obligations, feed and clothe his family ly, leave them a good property after he is gone, and even instruct them by precept and example, in the duties of a moral and religious life, and yet fail in his duty to his family

and to society.

The farmer owes something to that love of order, of beauty which a benignant creator has implanted in man's nature, and the gratification of which is as necessary to his full and symmetrical development as the gratification of any other want or faculty of his nature. The farmer is in duty bound to do what he can towards making his home lovely for the sake of his family, and his portion of the rural landscape beautiful for the sake of his neighbors and the public at large.—American

SWIMMING THE HORSE.

The following hints as to the manner in which a horse should be taken through a stream, are given by the Darling correspondent of the Pastoral Times. It is astoniishing how foolbardy most men are in venturing into deep water on horseback. Many a man has been years in the colony without having had occasion to attempt swimming a is accustomed to swimming a horse, he gets of immigrants. We should not be greatly nervous, begins pulling at the reins, and then surprised if Texas reaches fully 2,000,000 of it is all up with him. The horse gets tright. ened, struggles, rolls over on his side, or the South, as she will eventually be of the Union, if not divided, as she ought to be, into his chances of getting ashore. In my opinion, no man should get into deep water of any width, who cannot swim, and a swimmer should take off his clothes, put them in front of his saddle, unbuckle his reins, and then he is ready for any emergency. The neglect of this latter precaution generally drowns the horse, as his foot gets caught in the bridle. I have, however, seen many a man who could not swim get safely across a river by driving his horse and catching hold of his tail. Queenslander.

From Doniphan County.

Oct. 14. -We have had beautiful weather this fall; rain enough but not too much. Fall wheat is looking well with the exception of some pieces that were damaged by the chinch bug. The chinch bugs are here in greater numbers than usual. Rye is good. The potato crop is poor. Apples are very plenty, and prices good, owing to the demand from the newly settled counties. Winter apples are 75c per bushel; the Wine Saps and Genets are very nice, but the White Winter Pearmain is specked. What is the cause? Peaches and grapes were plenty. The yield of small grain Spanish Merino Rams was good ; the average of barley was eighteen bushels to the acre ; spring wheat the same ; oats fifty; corn crop very good and acreage large. A good deal of the corn raised in this (Iowa) township will be fed to the cattle; the herds are being brought in from the prairies where they have been all summer; they are looking well. Hoge are scarce on account of the cholers and return as nature M. C.

These subjects will be more fully discussed remunerative, and what failures and drawin our next. Many have failen into the error backs are in future to be avoided. No weeds of crossing for combing wood; they get the will ever be found choking up the crops on length but not the required strength.—Bulle-



COMPANY, FREEPORT, - ILL.

Manufacturers of the Celebrated Stover Automatic Windmill that carried of the highest honors at the American Centennial Exposition at Philadelphia in 1876, proven by actual testor ran in a lighter breeze than any other mill on exhibition; has a patent self-bracing tower, is a perfect when the storm subsides. We also manufacture the Stover Twenty Dollar Oscillating Feed Grinder, operated by ten and twelve foot pumping Mills; is a novel and economical grinder for farmer's use, will grind from ten to twenty bushels per day and pump at the same time. All who have used them speak of them in the highest praise. Therefore buy a Windmill and Feed Grinder. Save money and make home happy. Agents wanted in unassigned territory. Send for directions.

CAUTION!

To Farmers and all others who put barbs upon wire fences, making barbed wire fence, and to all manufacturers and dealers in fence barbs and barbed fence wire.

YOU are hereby notified, that in putting barbs upon wire, making a barbed wire fence, or in using or dealing in barbs for wire or barbed fence wire, not made under license from us, you are infringing upon our parents, and we shall hold you strictly accounts-ble for damages for all infringements of Letters Patent Nos. 66 182, 67 117, 74 379, 84062, 153,965, 157 124, 157 508, 164 181, 165 561 172 769, 173 691, 173 667, 180, 331, 181,433, 186,389, 187,126, 187,172, 187,776; re-issue, Nos. 7,136, 6,976, 6,902, 7,033, 7,036, 6,913, 6, 914, 7,566, Copies of our claims can be obtained of our attorneys, COBURN & THACHER, Chicaco, Ill., or of our counsel, THOS. H. DODGE, Worcester, Mass, WASHEIRN & MOEN MYG. CO.

WASHBURN & MOEN MFG, CO. Worcester, Mass.



The undersigned having had many years' experience in the breeding of FINE HOGS, desires to call the at-tention of farmers and breeders to our fine herd of tention of farmers and breeders to our fine herd o

BLACK PRINCE 1025.

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

SCOTT'S NON-POISONOUS

Sheep Scab and Vermin Destroyer It destroys Ticks and Vermin, cures Scab, water proofs the Fleece (by preserving and adding to the natural yolk), improves and sceatly increases the growth of Wool, and costs a little over 2 cents per Sheep.

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

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I have on hand a large stock ci atandard pear trees two and three years old, Kansas grown, at very low prices. Address E. H. HARROF, or M. S. GREEN, Topeka, Kansas.

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Will issue a \$4.000 Policy for \$2.50 each admission fee. There are two classes of 4.000 members each. A class from i8 to 40 years, a class from 40 to 60 years no yearly assessments. The only additional expense will be the payment of one dollar when a member dies out of his orher class. For blank applications, bylaws and constitution, address

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8-Ton Scales for Sale.

We offer at a great bargain, a new 8-ton Standard Stock Scale of most improved patent.

Will take as part pay a pony or young horse to the value of \$50 or \$60. Address

DOWNS & MERRILL,

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FOR SALE

The undersigned has for sale thirty American or Spanish Merino Rams got by Iris Superior golden fieeced Ring Ram. a pure Hammond. Clipped last spring without having been sheltered during the year, thirty-two pounds (32)m, four days less than one year's growth, from pure Sweepstakes and Golddust ewes. Few Southdowns, one fine Cotswold, also Poland China Pigs. Address, C. PUGSLEY, Independence-Mo.

Shropshire Downs ! For sale, a limited number of thoroughbred rams, and graded rams, for cash, or on time with approved approved to the control of the cont

and graded rame, for cash, or on time with approved security. The best for Kansas without doubt. Apply to EDWARD JONES, Wakefield, Kansas.

LARGE MIXED CARDS with name, 13c. 40 in case 13c. 20 styles Acquaintance Cards 10c. Ag': s out at 10c. DOWD & CO., Bristol, Conn.

Breeders' Directory.

M. & W. P. SISSON, Galesburg, Ill. Breeders and Shippers of Poland-China or Magle Hogs.

RVI DUMBAULD, Hartford. Lyon County, Kan-sas, Breeder of Thoroughbred Short-Horn Cattle and Berkehlte Pigs. Young Stock for sale. Corres-pondence solicited.

E. T. PROWE, Wamego, Kansas. Breeder of Thoroughbred Merino Sheep. Has a number of Sucks for sale this year. HALL BRO'S, Ann Arbor, Mich., make a specialty of breeding the choicest strains of Poland-China, Sunfolk, Essex and Berkshire pigs. Present prices Maless than last card rates. Satisfaction guaranteed. A few splendid pigs, jilts and boars now ready.

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

O BADDERS, Barrors of Choice Hien Class
Fowls, Leavenworth, Bansas. Brahmas, Cochins, and Leghorns. Eggs in season at 3,00 per setting.
A choice lot of Partridge Cochins for sale chesp.
Correspondence solicited.

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

WARREN HABRIS, Trenton, Missourf, Bréeder of Short-Horn Cattle with Herd-Book pedigrees, also, Pure Bred Berkshires. Correspondence solicited and promptly answered.

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

DYRON BREWER, Glenn, Johnson county, Kan be sas, Breeder of Poland-Chiha Swine. Pigs, not kin, shipped by zall, and warranted first-class. Cor-respondence solicited.

T. L. MILLER, Beecher, Ill. Breeder of Hereford

A. J. VANDOREN, Fisk's Corners, Wisconsin Breeder and Shipper of the celebrated Esse Swine, direct from imported stock and in pairs not akin

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

A LBERT CRANE, Durham Park, Marion co., Kansas Breeder of Pure Short-Horn Cattle of fashionabl amilies: Young stock for sale cheap. Send for catalogue H. COCHRANE, Emporis, Kan., Breeder of Short Horn Cattle. Stock for sale. Correspondence se Planet, 17948 at head of herd.

CAMUEL ARCHER, Kanasa City, Mo., breeds Spanish Merino Sheep as improved by Atwood and Hammond, from the Humphrey's importation in 1829. Also CHESTER WHITE HOSE, premium stock, and LIGHT BRAHMA CHICK, ENS., both bred pure by me for eight years past. Send for circulars. 23 500 RAMS FOR SALE the year.

DERKSHIRES a specialty. If you want choice Pigs, from fine imported stock, at low prices, address W. L. MALLOW, New Holland, Ohio. New Catalogue now ready.

F. FINLEY, Breckenridge, Caldwell County, Mo., breeder of Short-Horn Cattle and Berkshire Hogs. Choice Young Stock for sale on reasonable terms.

 $\mathbf{E}_{\star}^{ ext{BRAYTON}}$, Savannah, Mo., breeds Berkshires, pedigrees recorded Stock delivered at St. Joseph. Write for particulars. LEE & SON, Minonk, Woodford Co., Ill. Nursery-men and Breeders of Choice Berkshire Shoats, and Maltese Turkeys. Send for Prices.

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

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VILLA NURSERY AND GREENHOUSES.—Grape
Vines from 15 dollars per 1,000 and upwards, excellent plants. Greenhouse plants at lowest eastern
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General Assortment of Nursery stock. Especially
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CALIFORNIA broom-corn seed; never turns red.
Broom machines. Broom-Corn Culturist. Send
stamp for circular. Charleston, Coles County, Ili.
R. A. TRAVER.

Ceneral Business Directory.

SHERMAN HOUSE. The old reliable Granger's Hetel, opposite the court-house, Emporia, Kan. J. GARDNER, Prop. Terms \$1 per day. 'Live and let live.'

PLORENCE BATING HOUSE. Passengers can get a good square meal for 35 cents at C.T. Bixon's Bakery and Eating House, North-side of Rullway, Florence, hansas.

D. H. WHITTEMORE, Worcester, Mass., makes a machine that at once pares an Apple-sizes off and separates. Warranted satisfactory. Price, \$1 and \$1.00 cach. Sold by Dealers.

Dentists.

H. THOMPSON, D. D. S., Operative and Surgeon Dentist, No. 189 Kansas Avenue, Topoki

The Kansas Farmer

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

HANSAS BUTTER AT THE ST. LOUIS FAIR Some time previous to the holding of the St. Louis Fair, Messrs. Cameron & Michæl, commission merchants, at St. Louis, Mo., (formerly citizens of Kansas), wrote to the FARMER, asking its assistance in getting up a show of Kansas butter for the St. Louis a show of Kansas butter for the St. Louis verely punished, etc.—The bombardment of Plevna commenced along the whole line and Cameron & Michæl generously offered to a battle imminent—Suleiman Pasha ready to furnish butter tubs free of charge, and give engage the Czarowitch, and now for it.—
to all who would consign them butter for to all who would consign them butter for exhibition at the fair, the highest market price. A dispatch from this firm announces the gratifying fact that their exhibit of Kansas butter secured the first and second

GAMBLING AT THE FAIRS.

It is a question whether the benefits accruing to agriculture and other productive industries by the holding of annual exhibitions are not more than counterbalanced by the baneful influences that attend them in these latter days. No other popular gathering offers such splendid opportunities for fleecing the people, and well are these opportunities improved by the graceless scamps who now flock in such numbers to every fair held in the country. No one who has attended these exhibitions regularly for several years past can help noticing that this evil is increasing rapidly. worth, retracts what he has said against An-Formerly, horse-racing, with its attendant evils, stood comparatively alone on the side of bad influences at the fairs. But each succeed. ing year brought some new and specious form of gambling with it, until it would seem as though the limit of devilish ingenuity had been reached in this direction. We are not sufficiently versed in this swindling business to even name the numerous contrivances that have been invented to get the people's money. We find them in force at nearly every fair we visit, though we are glad to say that they are occasionally excluded from the grounds proper. But, in the absence of municipal regulations, they cannot be driven away. If they can't get into the grounds they will set up outside, ba wins a victory and makes some very imand the crowds of young men that surround portant arrests.—The Czar of Russia address-them demonstrate their influence very plainly. get into the grounds they will set up outside, At one fair we counted two "wheels of fortune," two or three "prize package" men, and some half a dozen contrivances of a similar recommend change in taxation.—Senator Innature-all doing a brisk business. Young galls gets his work in on the silver dollar. men are the usual victims, but not always. One old farmer had lost fifty dollars and was seeking redress through the managers of the business will begin in earnest.—Pinchback fair. We did not pity him, for "he was old enough to know better." The amount of a seat in Congress.—The President and memmoney these fellows manage to obtain during on the 30th of October.-The postmaster of the three or four days of a successful fair is St. Louis denies charges made and wants full astonishing. On our way to a certain fair est investigation.—The President does not this fall, we happened to be seated in the cars his executive duties. with a man who was taking a "wheel of fortune" to another fair. In our conversation he stated that he had a permit from the managers of the fair for which he paid three hundred Plevna.-Able-bodied soldiers only get a dollars, and he regarded it worth fifteen hundred, "if the weather was good," as he had made more than that sum at the same fair last year. At another fair two "wheel of fortune" men paid the managers \$600 each, for license, and then declared that they cleared \$1,000 apiece, making \$3,200 that lows alone took from the visitors at the fair, for which they gave nothing in return. The money lost by our young men and carried away by these scamps is the least consideration. Infinitely more important is the influence exerted upon the morals of the com munity. Hundreds and thousands of young Missouri Delegation with two exceptions, presmen who have fallen into evil ways, were ent at the White House.—Very serious illfirst introduced to them at the county or local fair. This is not our opinion alone. We have conversed with intelligent men in various sec. by fire.—Two hundred and thirty wooden tions of the country, and they invariably exs press themselves to the same effect.

We have no language strong enough to express our condemnation of men who will deliberately license these nefarious institutions -barter the morals of the community for money. We say deliberately, for managers are frequently imposed upon by these men, who gain admittance under false pretenses. Two instances of this kind came to our knowledge this fall, but in each case the men were promptly ejected from the grounds as soon as the exact nature of their business was manifested. Such prompt and summary treatment at all the fairs, supported by public sentiment and stringent legal authority, would soon exterminate these pests, and leave our annual exhibitions of productive industry what they should be-educators in good and useful things only .- Ohio Farmer.

THE SILVER BILL

The following is the text of the bill introduced by Senator Ingalls authorizing the coining of a standard of the silver dollar, and restoring its legal-tender character :

"Be it enacted, etc., That there shall be from time to time coined at the mints of the United States silver dollars of the weight of 4121/2 grains standard silver to the dollar, as provided for in the act of Jan. 18, 1837; and that said dollar shall be a legal-tender for all debts, public and private, except where pay-ment of gold coin is required by law."

This is all that is needed to remonetize sillately; "one that's loose and roomy enough ver, and undo the mischief caused by the forme to stretch up in and grow eloquent sneaking, surreptitious conspiracy act of 1873. over, you know." "Yes, I understand," said If anything more were added to the bill, it the tailor, with a twinkle in his eye; "you night be in the shape of a clause requiring the coinage for the first five years of at least "That's it exactly." exclaimed the divine, as forty or fifty millions per annum.—Chicago he laughed at the tailor's merry pun; "one that I can just Swing myself in."

TELEGRAPHIC NEWS POINTS, FOR THE WERK. THURSDAY OCT. 18th.

Victory for the Czar.-Mukhtar Pasha was defeated says the latest Russian official bullein.—And his center and left wing driven into Kars after a most fearful route.—A regiment of the right wing surrenders with thirty-two guns and seven Pashas.—The French republicans claim three hundred and thirty-fiv members in the chambers.—The French Min-isters interpret the elections in favor of Mar-shal MacMahon.—Gambetta is endeavoring to unite all factions in a single group.—Discontent and serious riots in Poland—Russia severely punished. second mate and five seamen lost.

National Topics.—The President nominates Jno. M. Harian, of Kentucky., Associate Justice Supreme Court .- Speaker rules one appointment from each Congressional District to House Dept's,—And clamorous claimants will now retire from the official hunt.—A bill to repeal the bankrupt law and amendatory acts thereto.—A conflict of authority between Col. Polk, doorkeeper, and Mr. Speaker.—Question raised as to the position of Senater Armstrong on committees .- Appointments by the President and changes of the Senate committees.

FRIDAY, OCT. 19th.

Foreign Jottings.—The Turks lost four brigades of artillery, 100 officers and 32 battal-ions before Kars.—The detest of Mukhtar Pasha's amy jeopardizes Ismael Pasha's forces. -The storming of Plevna will be attempted on Friday or Saturday next.-A batch of interesting news from China and the coast of Chili.—Cleopatra's needle has been found near the coast of Spain .- The French government has resolved to prosecute several journals. Eleventh anniversary of the G.A.R., at Phili adelphia, yesterday .- W. H. Bond, of Leaven

worth, retracts what he has said against Anthony.—The Topeks fair poetponed till next week.—Sidney W. Williams appointed receiver of the H. & St. Jo. railroad.

Land theives.—Wholesale arrest of fraudulent Texas land grabbers.—A gigantic swindle unearthed in the Lone Star state.

SATURDAY, OCT. 20th. Foreign Scraps .- The Turks at Plevna have evacuated the Gravitz redoubt. —Ten thousand infantry have joined the Russian forces before Osman Pasha.—Kars is said to be already partially blockaded by the anxious Russians The greatest distress prevails among Bosnian fugitives in Hungarian territory.-The political situation in France unchanged and the cabinet will remain in office.-Russia reports[59,454 Russian troops killed and wound d during the war .- A Spanish column in Cui -Commissioner of internal revenue will not Debate on the credentials of Eustis, of Louisiana, brings Judge Davis to the floor .- Ad journment of the Senate till Monday, when writes a letter in which he urges his claim to bers of the Cabinet will visit Richmond, Va

Turks tell most terrible tales about poverty in pound of hard tack in twenty-four hours. The Russian fire is having considerable effect on Osman Pasha's front.—The Russians have 70.000 men before Kars, and an army moving on Erzeroum .- A doubtful story from Rome that the Pope is careless of the church .-- Lat. est reports from Osman Pasha are to the effect that he has repulsed an attack.

fugitive from the mints by the Secretary of the Treasury .- And the director of the mint says it is not a legal tender .- A board of examiners decide that Washington's monument may be completed .- A better feeling about seating the new Senators at an early A Missouri case in the Supreme Court in which Jackson county is interested .- The

Another big blaze.—A large portion of the city of Portland, New Brunsick, destroyed houses burned to the ground.—Over two thousand families without shelter.—The loss estimated at about \$300,000 and insurance neary \$80,000.—Three persons killed and several wounded and many others missing. TUESDAY, OOT 23RD.

good big day's business transacted in Houses.—Several bills before Congress to modify the silver resumption act .- Senator Ingalls proposes a bill for the establishment of a pension Agency at Topeks.—The Sitting Bull commission meet the Sioux chieftain and tribe, but receive only the old villian's treacherous smile for their offers of peace.—The old warrior described as being a full-blooded savage.—A dastardly attempt made to wreck a passenger train on the B. & M. railroad.—Four persons drowned while floating down the Mississippi river near St. Louis.— Eastern bondholders of the Hannibal & St. Joe Railroad appeal to the Supreme Court of Mis-

Mr. Proctor, a great authority on geology, says the earth is growing larger every day. Consequently it is not able to move round so quickly; in which case the months and weeks would lag a little. Perhaps this will explain why everything is behindhand this year, whether it be vegetation or cash payments.

A delicate, slender, rather tall young miss, who was pestered by the attention of an unlovable admirer, did not call her big brothers to the rescue, or go to the public courts for redress. She simply accompanied him to the sea shore, and went bathing in a hired suit five times too large for her. She had to walk back to the hotel alone.

"Make me a nice, easy coat," said a noted pulpit orator of Chicago to his tailor, one day

New York Times. October 12.- In sumother day, it was mentioned that in case his letters should show that he 'had discovered north of the equator a large affluent of the Congo, flowing from the northeast, he would be entitled to the credit of having discoverning up Mr. Stanley's achievements the be entitled to the credit of having discoverbe entitled to the credit of having discover- land will take an average of from 13,000 to ed the mouth of Schweinfurth's mysterious 15,000 barrels a week for the entire season Welle River. From Mr. Stanley's letter. of nine months. The working classes of published in the Herald, it appears that he Germany, and the working men and miners found precisely such an affluent, and from American dried fruit abroad; but the poor No. 1 Northwest spring wheat shall be his account of its size and the direction from people of England and Russia buy to a which it flowed, than can be no doubt that limited extent. As long as dried apples can it is the Welle. Thus, the American has be exported from New York at five or even not only completed the work of Burton, Europe and Australia will buy all that can Speke, Baker and Livingstone, but he has be spared. The business of exporting fruit completed the chief discovery of Schwein- is one that has been chiefly built up since furth and solved the very last problem of 1865. In the eleven months ending July African geography. Henceforth our knowl- \$2,831,000. edge of the river and lake system of Africa is virtually complete. The Niger, the Nile, the Congo, and the Zambebi have no longer any secrets, and there is really nothing doubtless do pretty well, though some better that need tempt another explorer to plunge than need tempt another explorer to plunge than need tempt another explorer to plunge than need to be some followed for many ways, but into the African wilderness.

SALE OF STOCK.

Special attention of the farmers living in the counties adjoining Shawnee, is called to inches of soil are packed against them; then the advertisement of Mr. McCaslin, who will another line of stalks, until the bed is as offer for sale some excellent horses and cattle. His Short-Horn Durham bull is a No. 1 stock animal of straight pedigree, and will, no of the top of the stake; then a layer of straw, doubt, be sold at a bargain.

Crops, Markets & Finance.

THE GRAIN MARKET.

From the private circular of a leading commission firm of Kansas City, we present spring as may be desired and it is not all eaten beforehand. We have tried standing the following points:

Wheat-Values during the past week evmarkets, as well as foreign; but the depreciation has at present writing been fully renot as sweet and fresh. We have tried it alcovered from, and with fall wheat unchanged, spring is a shade higher. Continued rains throughout the whole West for never be kept in the house cellar. They selthe past week prevented anything like fair delivery, and it being near the close of the month, speculators became anxious contended to check the reaction to still lower values that seemed to have set in.

Our "visible supply" is constantly increasing, amounting, on October 13th, to various countries and sections have been en 10,974,544 bushels. Export clearances for deavoring to solve ever since sheep husbands the week ending October 17th, show an in- ry began to be one of the leading industries, crease, and were 2,028,933 bushels.

St. Louis denies charges made and wants full superior quality is readily taken on foreign wools can be grown, the delaine wool will be want a party in Congress, but will attend to at ruling prices. The relative lower value of low and medium grades of flour to where the long wools thrive and do the best through the combing will be found the most profitable.

Foreign Wees.—Intelligent contraband wheat, is having its influence in the wheat

What constitutes the different grades, the the cost of the winter wheat sections.

British India has shown the same increase sheep producing a No. 1 fleece but once.

The fine delaine wool, which is the principal in shipments to the United Kingdom, and delaine grown in those sections, for which this Egypt has been contributing nearly three article is written, is grown on the fine wool quarters of a million bushels a month.

supplies has been and is being warehoused length and strength. A clip of wool may be at the rate of 1,500,000 bushels a week. On long enough for delaine, and at the same time would not pass for delaine from the fact that the contrary the French crop will in bread producing qualities be deficient this season stretched to its full capacity, must measure at over 30,000,000 bushels.

English harvests have been notably destrength is not so easily come at as that of ficient, and America, with her superior fallength. Experts test delaines by taking a cilities for handling and transporting grain staple from the fleece and trying it. If it has enters confidently into the competition against Central Europe, for English and French gold in exchange for her cereals

Corn-Incessant rains and the low range of prices have reduced deliveries to a minimum. The visible supply on the 17th wool. (10,558,765 bushels) was about three-quarters of a million less than the previous week. These facts, with the prospect of an early close of Lake and Canal navigation, have stimulated interior markets within the past few days, and prices have advanced fully two cents a bushel. With the contin- established by the Grain Committee of the uance of fine weather as at present, we do New York Produce Exchange, and go into not look for these prices being sustained. effect immediately. Export clearances for October 17th were wheat shall be bright, sound, dry, plump and only 893,232 bushels.

Rye and Oats .- No change in these grains in values since our last review—the "extra white," but better in quality than N. 1 movement, owing to some unfavorable conditions of weather, being light.

Freights.—The supply of tonnage at lake points, has been quite liberal, and freights from Chicago to Buffalo have fallen to 4c. on corn, and 41c. on wheat. All rail from No. 2. Chicago to New York advanced to 40c. per

AMERICAN FRUIT IN EUROPE.

The Pall Mall Gazette remarks that the so great that Europe and Australia will take nearly all the fruit, fresh and dried (peaches excepted) which the United States can land in their markets in good condition. England prefers fresh fruit, and since last October 19 to 1

tober has taken 396,000 barrels of apples from the United States, beginning with the latter part of October, at the rate of 8,000 of Australia are the chief customers of 1st, the fruit exported amounted in value to

STORING CELERY.

We notice a number of ways recommended to keep celery through the winter, and all prefer this one followed for many years: A trench is dug from twelve to fifteen inches in depth, and as long as many be suitable; place the roots in this singly side by side, at large as may be convenient for covering, when another if required can be made. Soil should then be added until within six inches then a layer of dry leaves; the whole to have a good board covering to keep out water. Of course, rather high ground for the bed or beds should be selected, and a trench dug around the bed deeper than the bottom of the celery Opinions, Facts, and Figures from Various Sources trenches, so made as to be sure to carry off the water. If this plan is followed strictly all others may be abandoned, as the celery will keep not only till spring, but as long in the the celery up in flour barrels; filling them full without any soil, first having sunk the barrel in the ground some six inches below the so well-protected in the rows, and found it to

do well for early use. Celery, cabbage, beets, turnips, etc., should dom do well, and frequently decay and cause serious illness .- Germantown Telegraph.

THE MOST PROFITABLE WOOL.

There have been quite a number of consigna ors asking such questions as the following What kind of wool is the most profitable to grow? What constitutes the different grades

These are questions which wool-growers of and one that will continue to agitate the we also note a marked increase in the answering the first: "What kind of wool is exports of flour, which from its generally the most profitable to grow ?" I would answer:

market, and so far as winter wheat is con- XXX and Picklock, is the finest grade of cerned, it would seem as if the mills of the spring wheat districts of the Northwest mostly from the Saxony and those flocks would compel an equilibrium in prices at which retain Saxony blood. Next we have the XX, standing in fineness just below the XXX, and above the X. As far as fineness is Russia, with harbors nearly closed for the concerned these three grades should constiwinter, has, as we predicted, been forcing stute the grades of the fine wools. Occasion ed bushel. her wheat largely into market, more than ally a fleece of No. 1 is found in a fine wool doubling her markets this year over 1876. ing to grow fine wool, should never shear a

From all sources, the surplus of English or XXX.

it has not the strength, Delaine wool, when least two and one-half inches in length and English harvests have been notably de- be of sufficient strength. This element of tenacity enough to be stretched without breaking, to such a tension that when snapped with the finger it will produce a sharp

ring, it passes for delaine. Wools that measure four inches in length and have the strength are classed as combing. Strength tested in the same manner as delaine

GRADES OF GRAIN.

Which have been Recently Established by the New Produce Exchange.

GRADES OF WHEAT.

The following grades of wheat have been

WINTER WHEAT.-Extra white winter State white winter wheat shall consist of

white wheat grown in this State unfit to grade

white. No. 1 white winter wheat shall be sound, dry and reasonably clean. No. 2 white wheat shall consist of sound

white winter wheat unfit to grade No. 1. No. 8 white winter wheat shall consist of sound white winter wheat unfit to grade as

Extra amber winter wheat shall be bright, sound, dry, plump, well cleaned and pure No. 1 amber winter wheat, long, shall be

bright, sound, dry, plump and well cleaned. No. 1 amber winter wheat, round, shall be foreign demand for American fruit is now bright, sound, dry, plump and well cleaned. No. 2 amber winter wheat shall consist of sound amber wheat unfit to grade No. 1.

No 1 red winter wheat shall be sound, dry plump and well cleaned

No. 2 red winter wheat shall be sound, dry

and reasonably clean,
Note—This grade to include white and red

winter wheat that are mixed.

No. 3 red winter wheat shall consist of sound red winter wheat unfit to grade No. 2.

Rejected winter wheat shall include all merchantable winter wheat unfit to grade No. SPRING WHEAT.-No. 1 hard spring wheat

shall be sound, plump and well cleaned, and composed mostly of the hard varieties of spring wheat.

sound and well cleaned. No. 2 Northwest spring wheat shall be sound and reasonably clean. No. 3 Northwest spring wheat shall be

Note-The grades of Northwest wheat are to include the light colored, plump wheats, such are grown in the Northwest and to correspond as far as practical, in color and gen-eral character, with the Milwankee and Du-

sound and reasonably clean, unfit to grade

No. 1 spring wheat shall be sound and well cleaned. No, 2 spring wheat shall be sound and

reasonably clean. No: 3 spring wheat shall be sound and rea-

sonably clean, unfit to grade No. 2. Note—These grades are to include wheats darker in color, and not so plump in berry as the Northwest grades, but which conform to any angle, that is leaning somewhat; three the character of Chicago grades as known in this market.

STEAMER SPRING WHEAT .- Wheat which shall be equal in all respects as to quality to the above grades, but which shall be slightly soft or damp, shall have the word "steamer prefixed to the grade.

Rejected spring wheat shall include all merchantable spring wheat unfit for No. 3.

GRADES OF BARLEY. At a meeting of the Committee on Grain, held Friday at the New York Produce Exchange, the following grades of barley were established and ordered to go into effect im-

mediately: Extra Canada barley shall be of a bright, natural color, plump, sound and well cleaned, weighing not less than forty-nine pounds to

the measured bushel. No. 1 Canada barley shall be of a bright, natural color, plump, sound and well cleaned, weighing not less than forty-eight pound to the measured bushel.

No. 2 Canada barley may be slightly stained but otherwise sound, reasonably clear, and weighing not less than forty-eight pounds to the measured bushel.

No. 3 Canada barley may be stained, but shall be sound, reasonably clean, fit for malting, and weighing not less than forty-six pounds to the measured bushel.

No. 1 State barley, four-rowed, shall be bright, natural color, plump, sound and well cleaned, and weighing not less that eight pounds to the measured bushel. less than forty-

No. 2 State barley, four-rowed, shall be plump, sound, reasonably clear, but may be slightly stained. No. 3 State barley, four rowed, shall be

sound, reasonably clean, fit for malting, otherwise unfit for No. 2. No. 1 State barley, two-rowed, shall be of a bright, natural color, plump, sound and well

No. 2 State barley, two-rowed, shall be sound, reasonably clean, but in color not good asough for No. 1. No. 3 State parley, two-rowed, shall be sound and fit for malting, but in color and

Rejected barley shall be such as is for any reason unfit for No. 3.

No. 1. Western barley shall be plump, bright, sound, clean and free from other grain, weighing not less than forty-eight pounds to

No. 2 Western barley shall be sound, bright, not plump enough for No. 1, reasonably clean, and reasonably free from other grain, weighnot less than forty-six pounds to the measur-No. 3 Western barley shall include shrunks

en or otherwise slightly damaged barley weighing not less than forty-one pounds to All Western barley which is damp, musty, or from any cause is badly damaged or large-

ly mixed with other grain, shall be graded ejected Western.

NEW FREIGHT RATES.

Below will be found a complete list of the new rates of freight on all classes from New York, just adopted by the President of the trunk lines, and to take effect on Monday last, Oct. 22. The advance on the first, second and third classes, it; will be seen, is about 33 3/3 per cent., while fourth class is changed to about the old basis before the special class was abolished, thus making it about the same as the winter rates in former years for special

class. The rates given a	re ber 1	ou pou	nas:
First Class.	Second Class.	Third Class.	Fourth Class,
Alton, Ill\$1 22	\$1 10	\$ 91	\$ 55
Chicago, Ill 1 00	90	75	45
Denver, Col 4 25	3 60	2 95	2 15
Kansas City, Mo 1 85	1 60	1 20	75
Leavenworth, Kas 1 85	1 60	1 20	75
Omaha, Neb 1 90	1 65	1 25	80
St. Louis, Mo 1 28	1 16	97	61
St. Joseph. Mo 1 85	1 60	1 20	75
Lincoln, Neb 2 25	1 95	1 45	95
Emporis, Kas 2 45	2 10	1 65	1 10
Atchison, Kas 1 85	1 60	1 20	75
Lawrence, Kas, 2 10	1 80	1 35	88
Topeka, Kas 2 20	1 90	1 48	93
Colorado Springs, Col 4 25	3 60	2 95	2 15
Puen'o, Col 4 25	3 60	2 95	2 15

New York Money Market.

NEW YORK, October 22, 1877. NEW YORK, October 22. 1877.

GOLD—Opened at 102%, and closed at 106.
LOANS—Carrying rates 1 to 4 per cent.

SILVER—Bars \$1 22%, greenbacks; \$1 19% in gold;
coin. 160 by per discount.

GOVERNMENTS—Weak.

RAILROAD BONDS—This afternoon Hannibal &
St. Jo. convertibles declined to 79; St. Louis & Iron
Mountain rose to 98.

STATE BONDS—Dull.

STOCKS—The market in the early dealings declined % to 4% per cent., with a recovery at the close of
% to 1% per cent.. grangers' stocks were most affected.

Hansas City Produce Market.

KANSAS CITY, October 22, 1877. WHEAT—Less doing and lower; No. 2, spot and October nominal; \$1 19% November; No. 3,\$1 10 spot; 109% October; \$1 09 first half of November. \$1 09% year; No. 4, 99c @ 91 spot; \$8% to 99c October; 98% of first half of November; \$1 last half of November; 99% November; 98% @98% c year; rejected, nominal.

nal ORN—Quiet; spot and October higher; No. 2, 28c spot; 294c October; 28kc first half of November; 28kc last half and month of November; 27kc year; rejected, 26kc spot; 26kc November; OATS—Quiet; No. 2 17c spot; 17kc October. RYE—Duil; No. 2, 41c spot; and October; 42%c November; rejected, 38c spot.

October 24, 1877. BASLEY Dull: No. 2.50c spot No. 3, 40c spot. PHO 11810MS—Uschanged. SUTTER—Firm; 10 to 22c. EGGS—14@15c. Kansas City Live-Stock Market. KANSAS CITY, October 22, 1877. CATPLE—Receipts, 2.500; shipments, 264; driven out, 310; dull and heavy; sales of wintered cows at \$2 50,527 fb; through cows, \$2,301; through steers, \$3 85; Colorado steers, \$3 85; A 86; no natives said. HOGS—Receipts, one load; no market; quotable NEW YORK, October 22, 1877. NEW YORK, October 52, 1877. FLOUR—Dull and unchanged. WHEAT—Winter slightly in buyer's favor; spring lower; No. 3 spring \$1 35; No. 2 Milwaukee spring, \$1 304; No. 1. spring \$1 35; No. 2 Milwaukee spring, \$1 304; No. 2. \$1 30(2) 31. RYE—Steady; western, 70c. RAFLET—Dull. CORN—Higher and moderately active ungraded mixed western, 63½ to 63c; steamer mixed, October, 61½c; No. 2 October, 62½c. OATS—Firmer; mixed western and state. 35@38c; whits 36.444c. OALS—FIRMER; MIXED WESTER AND THE ASSESS OF A COPPER OF THE ASSESS OF T BEEF—Quiet. MIDDLES—Western long clear quiet and steady; LARD—Steady; prime steam \$8 821/@8 87%. BUTTER—Heavy; western. 11 to 12c. WHISKY—Nominally \$1 13%. St. Louis Produce Market. ST. Louis, October 22, 1877 FLOUR-Buyers demand a concession ; next, to noth ing doing. WHEAT—Dull and lower; No. 3 red, \$1.26 cash, \$1.26½ October; \$1.26½@1.25½ November; No. 5 red \$1.16 bid cash. CORN—Better; 42½@42½ c cash 41½@43½ c Novem-

ber. OATS—Quiet; 26 October; 2714c December. RYE—Dull and unchanged. BARLEY—Firmer; prime Iowa, Kansas and Nebras-

BARDER PRINCE, BRADER BARDER B

St. Louis Live-Stock Market.

ST. Louis, October 22, 1877.

HOGS—Active and higher, Yorkers 4 70204 90; butchers and Philadelphias, \$5 10 to 5 30; receipts, 1,200

Chicago Produce Market.

BULK MEATS—Steady and unchanged. WHISKEY—\$108.

Chicago Live-Stock Market.

The Drover's Journal this afternoon reports as fol-

OATTLE-Receipts, 3110; choice native nominal butchers quiet, steady and unchanged; sales at \$1 90 62 25: Colorados scarce with light demand at \$3@4; through Texans, poor quality and fair demand at \$1 80 63 80; stockers a shade stronger at \$3@3 75. HOGS-Receipts, 3680 generally 10 to 15c higher; shipping scarce: Philadelphias, \$5 45@5 60; Bostons, \$5 10@5 15; packers, \$5 80 to 5 20; light, \$5 10@5 50; wealty noor.

quality poor.

SHEEP—Receipts, 560; market fairly active and a shade higher, weather warm. Baltimore Grain Market.

Topeka Produce Market.

Common
Castor
BUTTER—Per lb—Choice
Medium
CHEESE—Per lb
EGGS—Per doz—Fresh
HOMINY—Per bbl
VINEGAR—Per gal
POTATOES—Perjbu
POULTRY—Chickens, Live, per doz.
Chickens, Dressed, per lb
Turkeys,
Geese.
ONIONS—Per bu
CABBAGE—Per dozen.
SWRET POTATOES | Per bu

Topeka Lumber Market.

Topeka Butcher's Retail Market,

Round Roasts Fore Quarter Dressed, per lb..... Hind

BEEF-Sirloin Steak per lb.....

Fore Quarter Dressed, per lb.

"Hind ""

"By the carcass

MUTTON—Chops per lb.

"Roast ""

"By the carcass per lb.

"Roasts"

"By the carcass per lb.

PORK—Steaks per lb.

PORK—Steaks per lb.

Roast ""

By the carcass per lb.

PORK—Steaks per lb.

Leather Market.

Leather Market.

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

Fencing No. 2.

Common boards, surface.
Stock D.

"" " B.

"" A.

CHICAGO, October 22, 1877.

BALTIMORE, October 22, 1877.

CORN SHELLERS. The Whitman Agricultural Company, of St. Louis, Mo., have now on the market a double cylinder, power sheller for four and six horses, that has, in less than one year, won for itself the very front rank, and is acknowledged to be without a rival. Their warranty, which to be without a rival. Their warranty, which is an extraordinary one, is as follows: That it will do more work, better work, and with less power, than any other sheller in the market, and does not break corn or cobs. We notice numerous testimonials from the lead. ing dealers and farmers, all pronouncing it far superior to any in use. It does seem that they have revolutionized the shelling of corn, and it is claimed that the amount saved by this sheller, that is wasted by others, very soon pays for a machine. The above Company alpays for a machine. The above Company also manufacture a full line of smaller shellers, FeediCutters, Corn and Cob mills, Horse-Powers, Road-Scrapers, Wheelbarrows, Warehouse Trucks, etc., and will supply the trade at lowest quotations. Dealers will find this firm fully up with late improvements, and a reliable house to deal with. FOR KANSAS AND COLORADO

CORN MEAL—
CORN CHOP—
RYECHOP—
CORN & OATS—
BRAN —
SHORT—

take the Atchison, Topeka & Santa Fe Railroad, extending from kansas City and Atchison, on the Missourf river, vis Topeka, the
capital of Kansas, through the fertile Arkansas Valley, to Pueblo, where direct connection is made with the Denver & Rio Grande
Railway for Colorado Springs, Manitou, Denver, Cannon City and all points of note on the
Denver & Rio Grande. The track is excelled
by that of no road in the west, and the
passenger equipment embraces all the
modern improvements for comfort and safety. modern improvements for comfort and safety. Through express trains leave union depots, Kansas City and Atchison, daily, on the arrival of trains from the East, and run through to the Rocky Mountains, with Pullman Sleeping Cars attached. For maps, circulars and detailed information send to T.J. Anderson, General Passenger Agent, Topeka, Kan. 1,200
CATTLE—Dull and very little more than local demand; native cows and heifers. \$2 25@3 50; feeding steers, \$3 50@3 75; Texans, \$2 25@3 50; receipts 1,100.
SHEEP—Good grades scarce and wanted, common. an over supply and hard to sell: butchers, \$2 75 to 3 75; shipping muttons, \$375 to 4 35; receipts, 45.

It may be observed that no attempt is made to hunt up out-of-the way or unknown places to find names to endorse Simmons' Liver Regulator:

Hon. Alexander H. Stephens. John W. Beck, with Bishop of Ga. General John B. Gordon, U. S. Senator. Hon, John Gill Shorter, ex Governor of Ala. Hon. David Willie, D. D., Pres. Oglethorpe College.

CHOAGO, October 22,
FLOUR—Quiet and steady; western extras. \$5 20.
WHEAT—Unsettled but generally lower; No. 1.
spring, \$1 1001 12 cash; \$1 04% to \$1 05 November;
\$1 05 December; No. 3, spring, \$1 04%.
CORN—Good demand and a shade higher and unsettled; 44% cash; 43% to 43% c November.
OATS—Ready and iair demand 23% c 23% c cash;
23% c November. Bishop Pierce, (of Ga). Hon, James Jackson (firm Howell Cobb & 23%c November.

RYE—Firmer; 53%c.

BARLEY—Firmer; 59% to 59%c.

PORK—Quiet and weak; \$14 cash; 12 72%@12 65

November; 312 4521 50 year.

LARD—Dull and nominal; \$8 45 cash; 815 to 817% James Jackson), Attorney at law, Macon, Ga. R. L. Mott, Columbus, Ga.

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On improved farms at a LOWER RATE of INTEREST and commission than offered by any one. Annual interest. Call on, or address, The State Savings Bank of Tope-

The Universal Washing Machine.—This ma-chine is the first among all the washing machine is the first among all the washing machines heretofore patented that keeps the water boiling while the clothes are being washed. It saves two-thirds the hard work of washing. The machine is for sale at the hardware store of D. H. Forbes, 198 Kansas Avenue, Topeka, Kansas.

Farm Machinery Cheap.—We have had placed in our hands to be sold VERY LOW for CORN-Western stronger and higher; western mixed, spot and October, 61%c; November 62c; December,61c.

One 8-ton new stock scale warranted.

" 12-foot wind mill of best manufacture.

Address Downs & Merrill, Topeka, Kansas.

Amsden's Early Peach.--Buds of this splen-did early peach may be had of Geo. Hentig, ½ mile west of Kansas Pacific Depot.

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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 Kansas.

50 Visiting Cards with Your Name finely Printed and 2 Parlor Pictures, (Fruit and Land-scape,) printed in 10 Colors, each the lot sent post-paid for 25 Cents. Postage Stamps taken as Money KURTZ & BROTHER, S. E. Cor. 5th and Chestnut Sta Philadelphia, Pa.

Happy tidings for nervous sufferers, and those who have been dosed drugged and quacked. Pulvermacher's Electric Belts ef-Finishing Lumber. 35.00 to 55.00 Flooring. 25.00 to 35.00 Shingles. 3.00 to 4.00 Lath 3.00 to 4.00 fectually cure premature debility, weakness and decay. Book and Journal, with information worth thousands, mailed free. Address Owing to low water in pineries lumber is stiffening in wholesale market. No change here yet. PULVERMACHER GALVANIC Co., Cincinnat, iO.

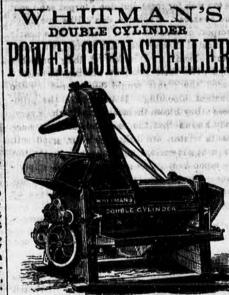
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I have now a very choice collection of pigs sired by Imported 'Kansas King' 1889; and Matchless Liver-pool and out of fine sows sired by my famous old Boar Richard 1689, Lord Liverpool 227, and Lord Liverpool 2nd. Can sell at 'let live' prices and will guarantee satisfaction to every purchaser. Stock all eligible to registry in A. B. Record. Address. SOLON ROG-BRS, Frairie Center, Johnson Co. Kansas.

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Whitman's Agricultural Co. FACTORY AND OFFICE, corner Clark Avenue and Eight Street. ST. LOUIS, MO.

Trumbull Reynolds & Allen, Sole Agents for Kan-

The Undersigned will sell at Public Auction, at 10 o'clock A. M. on Thursday, November 1st. 1877. At his farm, 2 1-2 miles south west of Topeks.Kansas, on the Auburn Road, the following Farm Stock: 14 HEAD OF CATTLE.

Among which will be found Five Head of No. 1. Good Milch Cows, One two-year-old Heifer, Two year-ling Heifers, Five Calves, and One Thoroughbred Short-horn Durham Bull. The Cattle, except the Bull, are all High Grade Animals. Also Three Head of Large Work and Brood Mares. TERMS OF SALE:—Five per cent. discount for cash, or time will be given on sales until January 1st. on bankable notes.

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No one is asked to advance a dollar out of his own control until he has seen and tested the instrument, as it will be sent on TEST TRIAL to any part of the State. If unsatisfactory in any respect it can be returned at my expense. 25 What can be FAIRER? Send stamp for circular, terms and price. EBER, C. SMITH, Proprietor, Burlington, Kaneae.

Doc.000 Apple Stocks, 1,000,000 Osage Plants, 50,000 Fruit Trees, 25,000 Small Fruit Plants. &c. Apple Root Grafts putup to order by experienced hands. Send for Price Lists .E. F. CADWALLADER, Miami County Nursery, Louisburg, Kansas.

STRAYED.

Strayed from the subscriber, living 2% miles southwest of Topeka on the Barlingame road, ONE COTS-WOLD RAM. Any person returning the same or giving information that will lead to the recovery of the animal will be suitably rewarded D. PRATT, Topeka, Kansas:

SMITH&POWELL

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20 Per ct. DATE OF PURCHASE.

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Prevention and Treatment of Their Diseases.

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In the great corn-growing States of the West, the conversation of that product into the compact and portable form of pork, is a leading industry, and the problem. "How much pork can be made from a bushel of corn?" or "How much pork is represented by an acre of corn?" is of the greatest importance to every tarmer. Our agricultural literature has here to fore been deficient in works giving an account of the wholesale process of pork making, as a practice in the great corn-producing States, and the present book, by one practically engaged in the puralt, will be generally welcomed. The first portion of the work discussed the merits of the leading breeds, and while indicating his own preference for the Berkshire, the author gives a full presentation of the claims made for ether breeds. The portion devoted to breeding is in accordance with the views of the best breeders, and the chapters devoted to feeding and fattening present the work is devoted to the "Discases oli-Bwine," and is probably the part which will be consuited by many with the greatest interest. But few. who have not given special attention to the subject, are aware of the immense losses the country has annually sustained for several years, through the wholesale mortally among swine in several westernastates, from diseases which are alike in being rapidly fatal, and are popularly classed under the term "Hog Cholers." This subject is most thoroughly discussed and its causes shown to be avoidable. In this part of the volume, as in other parts, the author does not cortent himself by giving merely his own experience and views, int draws freely from the writings of others, to whom he, of course, gives full credit. The work throughout bears the impress of a desire to exhibit the present state of knewledge on the subject, rather than to put forth himself as an authority. While written from a western breeder's standpoint, the usefulness of the book is by no means limited to any section of the country, as sound principles are of universal application. It is the

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Literary and Domestic.

MIS WAY AND HER WAY.

A husband and wife, being invited to spend a first evening with a rather eccentric individual, dutifully accept the invitation and go. mutually prompted by courtesy to the sender of the invitation, but otherwise by the most dissimilar of motives. The woman-of course, we mean the average woman, not the strong-minded woman, nor the woman who has seen the world, nor any other rare specimen of womankind, but the woman who has ordinary capabilities in the way of understanding and enjoying and needs focuses and filling for them, -goes, wondering to herself,-she does not often admit to her husband that she has any curiosity concerning another woman, but he knows she has, all the same.—what kind of a creature that new person will turn out to be, and never doubting, (this is the funny part of it), that the said person will be found to be, year in and year out, just what she perceives on that particular evening. And after they have said their adieus and are well out of ear shot, and the man inquires, as he will if he is gallant, so that she may express her opinion first, and not have to hold it too long. "What do you think of our friend's guest?" ten to one she will answer, "I can't bear her" if she don't, she will say "Oh, I think he is perfectly splendid," not because in the one case the stranger is a man and in the other a woman; she may say "I can't bear "him "and "She is perfectly splendid", but how seldom she hesitates; how rarely she defers her opinion until further acquaintance has been made. It is good or bad: the stranger is worth cultivating or only fit to be discarded: she may tolerate a further acquaintance for various reasons but unless she likes, she cannot enjoy. If we were going to analyze the average man's feelings from the start upon such an occasion, we should say that his paramount sense was that of martyrdom. He has consciencious scruples against being obstinate, and he has charity towards his wife's desire to go out sometimes in the evening to meet the people of whom he has grown tired, or at least seen enough during the day, so he goes now and then with only one or two mild objections, but his wife knows that he goes as a martyr to the stake. After he gets there he finds that social intercourse differs from business dealings after all, the corners are more carefully rounded, they don't grate and cut and saw; the social policy is to give more than one receives, but the business policy is to make a good bargain, which means to secure the full value of one's obligation to pay He starts home feeling rested, rather glad he went, satisfied because he has discharged a gas man counts by the meter. duty to others without any disagreeable consequences to himself, and when his wife in turn asks what he thinks of the stranger he answers, "Oh, I don't know, I thought she was rather interesting:" or, "Well a little too secure in his own opinions perhaps, but a good fellow I should say." Implying that further developments might change his opinion, but he has seen enough that was pleasing in this interview to make him think there was more, and his judgment waits.

Certainly he gets more enjoyment out of peoole in this way, and why should we lesser mortals not share it?

It is very pleasant to be told by a wise man that a woman's quicker perception measures a character instantaneously; or, it would be plessant if it was true, and it a wise man ever

a garment or to forgive a grammatical error, to busy myself daily with coaxing them into while it is hot, and the cloth covered with and yet there are heroes and heroines in low life who do not know a noun from a participie, but might be the average woman's teacher, just as there are beroes and heroines in upper life who do not know grace from gawkiness. and might learn something from the silly girl the reliable catalogues will tell much more full; tie a cloth on and set them away for a who knows nothing but to make herself beautifnl. A little spelling and a little style, what guided by. Some plants do not do well be- excellent ples. are they, compared with ideas and achievements? The woman who most nearly approach: es our idea of a queen among women, goes stables comes into use in preparing soil. I for a few weeks, and the rust will all be gone, to see everybody, receives everybody, enjoys want manures of various kinds, that of fowls then they can be greased and put away. everybody except those for whom she suffers, being especially desirable, but care must be Now, when every crock and jar is needed, it and everybody enjoys her. Her smile lifts up used in not using it in quantity. Then soot is of use to know that a little tallow will stop the stricken heart, her presence lightens the and charcoal and leaf mould and loam also a leak in jars as long as nothing warm is put load of the weary, her example encourages are requisite. Carnations and roses require into it; it is a good plan to rub the inside of the faltering, her society is delightful to the richer soil than other plants; but I have the pickle barrel, water barrel and such things prosperous and happy, and a compliment to the highest ranks. We cannot all be as compost too rich. Fuchsias, roses, geraniums,

Ann Appleseed speaks of an association of she is; we may not all dare to go where she and heliotropes all do better for being ruth- women for their mutual improvement; it goes; our faces do not carry the appeal to all lessly cut back after blooming. Just now the would be hard for women living in the coun. that is good in human kind, nor the love for plants must rest; but in November and De. try to have such an association, on account of all who need help, which constantly illu- cember, when the furnace fires make the air the inconvenience of meeting. In our neighmine hers, and guard her like angels' wings; tropical at night as the sun and glass make it borhood we find the literary society a very neither are we strong enough to step down by day, and the steam of damp soil and the good substitute; in our district, men, women and take part of the burthen of those be- water tank freshens and stimulates the latent and children all take part. It can be made a neath us and at the same time support the activity of plant life, how they will start into pleasant, social and profitable gathering; with honors conferred by these above us, but we, bloom and beauty. The Callas that have been us society night is looked forward to with a can remember that such women have lived, quiet for months will throw up their milk good deal of pleasure. We are starting a that a few women have got out of the little white chalices; the jasmines will load the air library, and will send this week for an Encygroove which is too narrow to hold anybody with sweetness; the carnations will fill the air clopedia. off on either hand, the good on the right the tea-roses will bend on their graceful stems thority states positively that paint spread in and the bad on the left and they go in such perfection of form and color as to make the fall or winter will last twice as long as trandling along each in her own little track us wonder how anything so lovely can breathe with her own little barrow, seeing only in this sinestained world. they pass by, and never dreaming of the good sixth sand, one-sixth garden soil, one-sixth which might be got out of the bad lot, or the horse manure, one-sixth cow manure, one-sixth wood by the heat, leaving only a dry lead early crumbled off. Another advantage gains

creation march.

We might just as well tread this plane too, without becoming masculine in the sense of exhausted themselves, last spring, with con-becoming unwomanly, only in taking a broad- stant blooming; I broke off long branches er view, a deeper insight into virtues, a more filled with their pendent blooms, because I charitable notice of deficiencies, and making a feared the plants would be injured by too more deliberate judgment.

A WOMAN'S WORK AT HILLSIDE, Did I promise the FARMER to tell its read-

ers how we took up our plants and kept their leaves from dropping ? Well, if I did, I will keep my promise notwithstanding the fling at rules laid down by authorities as I have by my "proud nose." I have been much abused my own failures and successes. divers and sundry times, but up to the date of Mrs. FARMER's visit to our enuggery I have never before had to speak in defense of my

But I did not promise to tell anybody how first, when they are removed from one atmosfrom their accustomed soil. Plants are like people in some respects. It would be hard and pleasant spot we call our home and to be transplanted into new surroundings. I think dren think she can). we should look bewildered and sickly, and metaphorically drop our leaves under such blighting and adverse winds of fate.

For we have grown to love our green things. Every year the hardy vines take on increased strength and maturity, and the rose hedge felt so sure that I would not be interrupted. grows more compact. Our fledglings have grown up under our roof trees. The commerce of a city has been built up within our circle save time; but alas! for a housekeeper's calcu of vision. Busy life breathes below us in its lations. I was just in the midst of the canning million forms of energy and activity. The when the folks unexpectedly came home with shrick of steam whistles and the clangor of the greeting, "Here we are as hungry as bears, bells at our feet tell us that we are a part of we brought some beef-steak, so let's have a the busy world, but here on the hill-top our good dinner, quick. carnet of green is so lovely, our roses like I am afraid their welcome was not so cor-

planted : the leaves hang helplessly with an that when putting up fruit. air of "don't care" and "I told you so" sort of But I was not done talking about canning. breath.

deal of work?" and I answer that it is to be but good, sound fruit, and be very careful that expected. Of course it makes the complexion it is not too ripe. Neither will I go to the coarse, and spoils the hands, and sometimes other extreme and put it up too green, for the muscles ache with too much exertion in then the flavor and richness would be lost. caring for these petted and lovely creations; any that get too ripe can be made into butter, but even at a sacrifice of the pure pallor that marmalade or something of that sort : it need It is so hard for a woman to ignore the cut of is conceived to be ladylike, I should prefer not be made very rich if sealing wax is put on fragrant bloom, rather than to go about from wax. place to place, scattering firebrands of mali- I wonder how many put up wild grapes as cious gossip, and destroying the reputation of I do? I fill a jar with grapes, and pour in

a victim at a breath. succinctly than I can, the various rules to be few weeks and they are fit for use and make cause of poverty of soil, while others are en- If the spade, hee or rake has been left out but themselves and their husbands and child- with clove-like fragrance; the bouvardies and ren, where all the rest of the world is set fuschias will blend their painted petals, and

black or white inscribed on the myriads | For carnations, one sixth of leaf loam, oneenjoyment to be found in commingling the sixth pounded charcoal. Sifted soil, fine and ed in fall painting is the absence of swarms of two, and which can only be seen from the soft, is best for plants. The soil can hardly small flies that so often collect on the paint.

higher masculine plane on which the lords of be too rich for roses, but don't forget send, soot and chargoal. Fucheias don't like too much compost or manure water; our fuschias nearly constant blooming. It is so with the primroses ; they bloom themselves to death. Every body knows that the essentials of plant success in winter, are light, fresh air, good soil, frequent showering, not too much water, not too much heat. One gains wisdom by experience. I have not learned so much from any

CORA M. DOWNS. Wyandotte, Kansas.

A LETTER FROM AUNT MAEY.

I have better success some years in canning fruit than I do others, and as the day for be. to keep plants from looking a little sickly at lieving in luck is past, it must be attributed to some other cause : the mystery was solved phere to another, and their roots dislodged to my satisfaction this fall. I wanted to can a good many peaches, but had so much to do that I did not get along very fast; there are indeed for us to be pulled up out of this green so many demands on mother's time that she cannot do as she pleases (although the chil-

One day the men and boys went to town and I thought, now "I am monarch of all I survey, I will do just as I please; so I went right to work canning. Usually I prepare a few quarts and put them up, but this time I that I pared several gallons, and thought I would can them all at once and in this way

those of the early Eden, we build ourselves in dial as it usually is when they come home with leafy screens of wandering, tangled happy, hearty and hungry. The gudeman vines, and we fancy we are as rural and retir- saw the dilemma; he thought he would make ed as any of the dwellers of far country re- himself useful, and undertook to get the dinner while I went on with the canning. But I hear, well-to-do people sometimes say that the good dinner showed evident signs of being they do not care to own a home ; it is cheaper a failure, and as to being cooked quick, the to rent than to own a house. But since we least said about that the better, I think. So have to pay taxes for the privilege of living in with visions of patience and digestion both tolerable decency, I contend that we might as suffering, what could mother do but set the well pay taxes on our ewn environments as on peaches aside and get the dinner, or supper some other person's property. I have often rather, for when the meal was over it was too wondered that the rapacious assessor does not late to finish the canning by daylight, and the tax the air we breathe. If he did there would peaches had to be either left until morning be an end of our comfort, for our green things or be put up by lamplight; the former being stretch up lovingly into the free air; their thought the lesser of two evils, they were set in tendrils and twining branches rove luxurious a cool place and canned in the morning. The ly out into the sunlight after the south wind, result was twelve quarts soured; they were in playing like truants. How atrocious it would glass jars, and as soon as I saw they were bebe for some government minion to come ginning to ferment, I put them in the fruit around for toll on every foot of growth, as the kettle and put sugar enough with them to make some thing to spread school dinners But this is episodical. When I begin to with and sealed them up again. By the way 'babble of green fields," I forget practical I think spreading school dinners quite an item things. I started out to say that plants will in housekeeping, but not so much trouble look sickly for awhile after they are trans- now as it used to be, for now I have an eye to

expression. Indeed I could never have the If we would have our fruit keep well, ferheart to take them up out of their luxurious mentation must not be allowed to commence beds where they blush and bloom so lavishly, before we put it up. I had two jugs of tomas if it were not for their promise of fragrance toes to burst the stoppers out ; when the cause and beauty when the Frost King comes and blights the green world outside with his icy ripe tomatoes had been put in, and I suppose some of them had begun to ferment, although People inquire sometimes, "Isn't it a great they seemed good; hereafter I will use none

all the molasses it will hold, or ; ut in a layer Now as for the method of transplanting; of sugar and a layer of grapes till the jar is

riched too much. The refuse of old, unused and are rusted, put them in the swill barrel

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whom we can refer. Extract of a letter from Hon. Ale ander H. Stephens, dated March 8, 1873. "I occ ander H. Stephens, dated March 8, 1872; "I occa-sionally use when my condition requires it, Dr. Sim-mons' Liver Regulator, with good effect. It is mild, and suits me more better than active medicine.

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Mrs. Metcalf keeps numerous paraphernalia of a lady's tollet which are sold cheaper than ever before.



THE STRAY LIST. BY AN ACT of the Legislature, approved Feb. 27, 1866, section 1, when the appeared value of a stray of strays exceeds tendollars, the County Clerk is required, within interval after receiving a certified description and appraisement, to "forward by mail, notice containing a complete description of said strays, the day at which they were taken up, their oppraised value, and the name and residence of the taker up, to The Kansas Fannar, together with the sum of fifty cents for each animal contained in said notice." How to post a Stray, the fees, flues and populities

for not posting. Broken animals can be taken up at any time in the year.
Unbroken animals can only be taken up between the lat
day of November and the first day of April, except when
found in the lawful inclosure of the taker up.
No persons, except citizens and householders can take

Unbroken animals can only be taken up between the lat day of November and the first day of April, except when found in the lawful inclosure of the taker up.

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

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

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

If such stray is not proven up at the expiration of use days the taker up shall go before any Justice of the Peace of the township, and alle an affidavit, staing, that such stray was taken up on his premises, that he are such stray was taken up on his premises, that he are such stray was taken up on his premises, that he are such stray was taken up on his premises, that he are such stray was taken up on his premises, that he are such stray was taken up on his premise, that he are such stray was taken up on his premise, that he are such stray was taken up on his premise, that he are such stray was taken up on the assertion of the strate in double the value of such stray.

The Justice of the Peace shall description of the strate in double the value of such stray.

The Justice of the Peace shall within twenty days from the time such stray was taken up, ten days after positive, make out a return to the Connty Clerk, a certified copy of the description and value of such stray.

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

The own r of any stray may within twelve months from he time of taking up prove the same by syldence before any Justice of the Teace shall issue a summons to the householder to appear and appraise such stray, shall be delivered to the owner, on the order of the Justice, and upon the payment of all charges and coets

nts the taker up may have had, and report the same on heir appraisement.

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

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

Fees as follows:

To taker up, for each horse, mule, or ass, \$50

To County Cierk, for recording each certificate and forwarding to KANSAS FARMER, 35

To KANSAS FARMER for publication as above mentioned for each animal valued at more than \$10.00.

Justice of the Peace, for each affidavit of taker up, for making out certificate of appraisement and all his services in connection therewith.

For the Week Ending October 24, 1877. Anderson County—J. W. Goltra, Clerk. HORSE—Taken up by W. J. Harman, Lincoln, Tp. Sep. 21, 1877, one bay horse colt, 2 yrs old next spring left fore and hind feet white, no marks or brands, Valued at \$20.

Cherokee County,—Ed. McPherson, Clerk, IARE—Taken up by JR Barrows of Shawnee Tp., Aug 1877, one small brown mare, 12 yrs old, saddle marks back. Valued at \$15. Clay County-E. P. Huston, County Clerk.

COLT—Taken up by C N Wennersten, of Goshen Tp. August 20, 1877, one light pay mare colt, supposed to be 3 yrs old, no marks or brands. Valued at \$60.

Jefferson County-D. B. Baker, Clerk. HORSE-Taken up by F.M Gibson, of Jefferson Tp., Aug. 13, 1877, one flea-bitten gray horse, 12 or 15 years old about 16 hands high. Valued at \$30. Shawnee County-J. Lee Knight, Clerk.

COW-Taken up by M A Campdoras, of Seidler Tp., one red cow, six or seven, years old no marks or brands visible. Valued at \$25.

Linn County-J. W. Flora, Clerk

MARE—Taken up by James Finfrock, Paris Tp. Aug 18 1877 one dark, fron grey mare, 14% thands high, star in face, white on end of tail, find feet pigeon-toed, spavin on right hind knee, collar marks on top of neck, little white spot on left shoulder. Valued at \$30. Leavenworth County-O. Diefendorf, Clerk.

FHLLY-Taken up by Lawrence Kennedy, and posted before L G Sholes, J. P. August 11, 1377, in Kickapoo Tp. one dark, gray filly 3 years old, 14 handshigh, hind and one fore foot white. Valued at \$35.

one fore foot white. Valued at \$55.

MARE—Taken up by Albert Knapp, and posted before L G Sholes, J. P. in Kickapoo Tp., Sep. 10 1877, one dark bay mare, 7 or 8 years old, about 15 hands light, one hind foot white, and white spot on each side of neck, also one bay suckling coit. Valued at \$120. Marshall County-G. M. Lewis, Clerk,

COLT—Taken up by G T Thomas, of Vermillion Tp., sep. 41877, one light bay horse colt 2 years old. Valued at \$50. Also one black mare colt with white face, 2 yrs. old. Valued at \$50.

Have You Lost Horses?

The undersigned makes a specialty of hunting stray horses. Stray animals are never moved from where found until identified by the owner. Full descriptions sent me by mail will be promptly attended to and the charges when the animals are found will be reasonable. Address J. H. CLIFFORD, Holton, Jackson Co., Kansas. Refers to S. K. Linscott & Co., Bankers, Holton, and A. H. Williams, Sheriff Jackson Co., Holton.

STRAYED OR STOLEN. \$25 REWARD.

On or about the 20th of September, Strayed or was Stolen from the subscriber living seven miles north of Topeka, on Indian Creek, A Black Mare, 8 years old, about 16 hands high with one white hind foot, brand ed with letter W on left shoulder, had a headstall halter on when she strayed. The mare was slightly sweenyed in left shoulder, I will give \$25 reward for her recovery. Address, P. J. GILMAN, North Topeka, Kansas.

Agents Wanted.

Do you wish to engage in a Business that is both light and profitable, suitable for Lady and Gentlemen? For full particulars, address, N. S. Johnson, Sceretary, Box 344, Bloomfield, Iowa. American Sad Iron Heater new and useful, just out. Large inducements are offered; a pleasant employment. Send \$1. and get sample and full instructions. Mention No, of Stove you want sample for. Special arrangements made with Stove Dealers, It saves wood, saves your stove from burning out, it keeps your room from being so heated, thereby saving health and keeps your rooms clean; two irons; are all that are needed. Every lady wants one; twill pay, Give the name of the paper you saw this in. J. B. WOOLSEY, Patentee. Box 208 Bloomfield, Iowa.

Trees Trees!

And small fruits of old and new sorts, in immense quantities, of the best quality and lowest living prices at the

Dayton Star Nurseries. Wholesale Price List now ready.

Hoover & Caines, DAYTON, OHIO.

STALLION SEASON.

Prairie Dell Farm,

Breeds and has for sale the most fashionable trotting stock—Hamble tonians and their most successful crosses. successful crosses.

For sale, sons and grandsons of Rysdyk's Hamble tonian, as finely bred as can be procured anywhere, and of much intrinsic merit.

R. I. LEE, Agent,



GOOLMAN'S Improved Standard Scales,

PATENTED MAY 23d, 1874.-MANUFACTURED BY

The Goolman Company, Corner of Walnut and 20th Street,

ALL KINDS OF CASTINGS MADE TO ORDER AND SCALES REPAIRED. These Scales are superior in workmanship, accuracy, and durability, weighing from one pound to full capacity of the scale, with the utmost precision, and will be sold on as good terms as any good scale. We also manufacture Goolman's Folding and Stationary Top SCHOOL DESKS, and Warrant the same to be the strongest and most convenient yet offered to the Western people.

Address for Cirulars and lowest terms.

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 celebrated Wisconsin Hubs and Indiana Pockes and Felloes, and carry large stocks of thoroughly dry first-class wagon timber. Our work is finished in the most substantial manner, with all the latest improvements. Every wagon warranted.

Kansas Kanufacturing Comp'y, Leavenworth, Ks. A. CALDWELL, President; N. J. WATERMAN. Vice President; C. B. BRACE, Treasurer; J. B. McAFRE, Secretary; A. WOODWORTH, Superintendent Shops. The above Line of Goods are for sale by

W. W. CAMPBELL & BRO., TOPEKA, Ks.

CARBONATED STONE

And Pipe Works.

LOCATED NEAR J. P. COLE'S STORE, ON KANSAS AVENUE, TOPEKA. We are now prepared to furnish a full assortment of

Chimneys, Sewer and Drain Pipe, Well Tubing,

Flagging and Building Stone and Trimmings. TAKE NOTICE.

We Guarantee the Durability of All Goods We manufacture and deal in. We are also the agents for the State of Kansas for the sale of the MILWAUKEE CEMENT, which we are prepared to show by undentable authority, as being THE BEST HYDRAULIG CEMENT MADE IN THE UNITED STATES. We can turnish it by the pound, barrel, or car load lots, either in bags or barrels, at the lowest prices. Also constantly on hand English and Portland Cements, Michigan Champion brand, Stoco Plaster, also the genuine Hannibal Bear Creek white lime. Hair and plasterer's materials generally, AT BOTTOM FIGURES, for the best brands manufactured.

CONTRACTS MADE FOR FURNISHING TUBING, AND PUTTING IN BORED WELLS. Call and see us and we can satisfy you that it is fer your interest to patronize us, and use our goods upon the merit of their durability and chempaess. Send for circular and price list.

S. P. SPEAR. H. WILLIS.

Kansas City Frear Stone

And Pipe Manufacturing Company,

PIPE CHIMNEYS,

DRAIN PIPE,

All sizes, from 3 to 24 inches in diameter, for all kinds of underground drains. WELL TUBING,

Square Chim-ney Pipe with Inlet for Stove Ornamental Building Stone Etc.

Our goods are manufactured out of best materials by POWER MACHINE.

We Guarantee the Durability of all Goods. We are Wholesale Agents for

Fort Scott, Louisville, Milwaukee and English Portland Cement,

And can furnish either kind in CAR LOTS or small quantities, lower than any house in the West.

Pipe Chimney placed
in position.

Send for Our Quotation.

Address
C. A. BROCKETT, Supt., Send for Our Quotations Before Buying Elsewhere.

Kansas City, Mo.

Bartel Brothers, 152 KANSAS AVENUE,

FURNITURE

Manufacturers and Dealers, TOPEKA, : : KANSAS.

FARMERS

Can always depend upon getting the highest market value in CASH for their

HIDES, FURS AND PELTS

HARTSOCK & GOSSETT HEREFORD CATTLE.

THE LEATHER STORE BERKSHIRE and DORSETSHIRE

Will also furnish you with the best quality of Leather of all kinds, in any desired quantity, together with a complete stock of Hardware for Harness Repairing, also, Lasts, Thread, Pegs, Wax. &c. for shoe repairs. Best quality of goods. Lowest possible prices. Fair Treatment.

'HICHLAND STOCK FARM."

Salina, Kansas.

THO'S. H. CAVANAUGH, BREEDER OF

COTSWOLD SHEEP.

Premium Caule, Sheep and Pigs for saie. Correspondence solicited.

CHAMPION HOG RINGER Rings and Holder. Only Double Ring ever invented,
The only ring that will
effectually keep HOGS
from rooting, No sharp
points in the nose,
Ringers, 75c. Rings, 50c 100. Holders, 75c, Huskers, 15.

CORN HUSKER
Is the Best Husker in the
market Farmers say it
is the best. Use no other
75c, Huskers, 15.

Ext.

Eagle Bill
CORN HUSKER
Is the Best Husker in the
market Farmers say it
is the last Husker say it

HOG AND PIG Ringer and Rings. Only Single Ring in the market that closes on the outside of the nose. No sharp roints in the nose to keep it

\$10.4\$15. \$18. \$22. THE UNIVERSAL SEWING MACHINES

make the Chain and Lock Stitches and embrace all the good qualities of the old machines No machine is Cheaper. No machine is Better. Guaranteed for Five Years. Money refunded it not satisfactory. Send for circulars and specimen of work for your whole Grange.

O. R. INCERSOLL. Patrons' Paint Co., Front and Dover St. New York

J. R. DUTTON, DEALER IN ALL KINDS OF

SEWING MACHINES, NEEDLES OIL, ATTACHMENTS, &c.

Send for new price list. Repairing old mahines a specialty. All work carranted strictly first-class.

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Family Groceries. Choice

To to those of our friends in town or country desiring Cheap, Fresh and Reliable Groceries, we are ready to supply their orders at all times. We guarantee to give satisfaction in quality and price. Our sweek is renewed from week to week, therefore our goods are fresh.

SUGARS, SYRUPS, MOLASSES, GREEN AND BLACK TRAS, COFFEE ALL GRADES, ENGLISH AND AMBRICAN PICKLES, CAPERS, ETC. OLIVES, ITALIAN MACCARONI AND VERMICELLI, FRESH CANNED FRUITS OF ALL KINDS,

DOMESTIC PRESERVES & JELLIES, CANNED MEATS & FISH,

Fresh Fruits and Vegetables Dried and Preserved Fruits, Currants, Raisins, Oranges, Nuts. &c. A General Assortment of Spices, Pickles, Essence, Extracts, &c.

Also a variety of Household Novelties, Lamps and Chimneys of all Kinds, Glass and Crockeryware.

Butter, Cheese, Lard, Eggs, &c., always fresh and in quantities to suit purchasers. The best brands of Flour, Ham and Bacon, Pickled Pork and Fish. Orders by Mail promptly filled and goods delivered on the cars. COUNTRY PRODUCE taken in exchange for goods, or their market value paid in cash.

227 Kansas Avenue, Topeka, Kan. Fall and Winter. 1877.

What Cash Will Do.

COMPARE OUR PRICE LIST WITH ANY HOUSE IN THIS COUNTRY.

GOODS SOLD AT RETAIL THE SAME AS AT WHOLESALE.

PRICES LOWER

THAN EVER BEFORE HEARD OF. OVER THIRTY THOUSAND DOLLARS WORTH OF NEW AND FRESH GOODS OF ALL KINDS JUST OPENED.

LOOK AT THESE FIGURES!

16 Yards choice Standard Prints for \$1 00.
10006 Yards good Cheviot Shirting at 834 worth 1234.
5 Cases Bleached Muelin at 814 worth 10 and 1234.
10 Bales extra heavy Brown Sheeting at 834 worth 1234.
2000 Yards Overail Duck at 1234 worth 18.
5 Cases Cotton Flannel 12 yards for \$1 00.
Yard wide, extra heavy Flannel at 30, worth 50c.
10 packages Black, double width, Alpacas at 25, worth 40c.
Dress Goods, latest novelties, 10, 15, 20 and 25c.
10 pieces Table Cloths, 20, 35 and 50c., worth 56 per cent. more;
16 Yards Toweling for \$1 00.
5 papers Pins for 25c. 5 balls Knitting Cotton for 25c.
50 dozen extra quality Knit Underwear, 50c.
100 White Spreads, \$1 00. 500 pairs Blankets \$1 50 up.
Bed Comforts, \$1 75. Balmoral Skirts 50c.
50 dozen superfine 2 button Kid Gloves, 75c. These gloves are worth \$1 25.

WE HAVE PURCHASED OVER \$15,000.00 WORTH OF CLOTHING AT RECENT FORCED SALES, EMBRACING THE FINEST AND BEST MADE GOODS IN THE COUNTRY. WE SHALL OFFER THESE GOODS AT LOWER PRICES THAN HAS EVER BEFORE BEEN HEARD OF.

In our Carpet Department can be found the very best makes, and we are offering this line much below ruling prices.
We are offering 20 pieces extra quality all Wool Cassimere as low as 90c. Goods worth \$1 50.

Gloves. Gloves. Gloves.

Over 200 styles. The finest assortment ever shown. This line was purchased direct from manufacturers and we are prepared to meet any competition.

KNIT JACKETS. 20 dozen of the best goods the market can graduce, and at such prices as have never been reached before. We invite special attention to our grand line of Household Goods, such as Table Damask, Damask Toweling, Doylies, &c., &c.

Give us an early call. Goods are being sold rapidly.

S. BARNUM & CO.,

197 KANSAS AVENUE, -

TOPEKA, KANSAS.

Zephyrs, Germantown Wools, Slipper Patterns, Cardboard, &c., always on hand.

DEAR, DEAR Oh, dear! what can the matter be? Dear, dear! what can the matter be? Oh, dear! what can the matter be? Turkey is chasing the Bear!

He promised to pommel the Turks in a minute, and now the Bear scoots—why the mischief is in it His ears droop, although he was first to begin it, He's running away, I declare!

Dear, dear! what can the matter be? Lon't you think Bearle ever will fatter be? Prospects of victory couldn't much fiatter be If he was dead in his lair.

He promised to make it a midsummer ramble, He promised to go fast as pony could amble, He promised to gobble up Shumis and Stamboul, And knock down the minarets there.

Dear, dear! what can the matter be?
Why should the Turkey as mad as a hatter be?
Where can the Bear who was going to spat her be?
Turkey is chasing the Bear!
—Graphic.

INTERRUPTED TABLE-TALK.

The other evening the Rev. Mr. Philacter sat down at the tea-table with a very thought-ful air, and attended to the wants of his brood in a very abstracted manner. Presently he looked up at his wife and said :

The Apostle Paul-" Got an awful lump on the head 'safternoon," broke in the pastor's eldest son, "playing base ball. Bat flew out of the striker's hand when I was umpire, and cracked me right above the ear, an dropped me. Hurt? Golly!" and the lad shook his head in dismal but expressive pantomime as he tenderly rubbed a lump that looked like a billiard ball with hair on it. The pastor gravely paused for the interruption, and re-

"The Apostle Paul-" "The Apostle Paul—"
"Saw Mrs. O'Gheminie down at Greenbaum's this afternoon," said his eldest
daughter, addressing her mother. "She had
on that same old, everlasting black silk, made
over with a vest of tilleul green, silk coat-tail,
basque pattern, overskirt made with diagonal
folds in front, edged with deep fringe; yels
low straw hat, with black velvet facing inside
the brim, and pale blue flowers. She's going
to Chicago."

to Chicago.' The good minister waited patiently, and then, in tones just a shade louder than before, said :

fore, said:

"The Apostle Paul—"

"Went in swimmin' last night, with Harry and Ben, pop, and stepped on a clam shell," exclaimed his youngest son: "cut my foot so I can't wear my shoe;' and please can't I stay home to morrow?" home to-morrow?"

The pastor informed his son that he might stay away from the river, and then resumed his topic. He said:

"The Apostle Paul says-"
"My teacher is an awful liar," shouted the second son : " he says the world is as round as an orange, and it turns round all the time faster than a circus man can ride. I guess he ain't got much sense."

The mother lifted a warning finger toward the boy and said—"sh!" and the father resumed

The Apostle Paul says-"Don't bite off twice as much as you can chew," broke out the eldest son, reproving the assault of his little brother on a piece of cake. The pastor's face showed just a trifle of annoyance as he said, in very firm, decided

The Apostle Paul says-" "There's a fly in the butter!" shrieked the youngest hopeful of the family, and a general laugh followed. When silence was restored the eldest daughter, with an air of curiosity,

said:
"Well, but, pa, I really would like to know
what the Apostle Paul said?"
"Pass me the mustard," said the pastor,

absently. Then the committee rose and the senate went into executive session and soon after adjourned,-Burlington Hawkeys.

ADVERTISEMENTS.

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

66 MIXED CARDS, with 'name printed on all for 15c, Outfit free, CLINTON BROS., Clintonville, Conn.

33 GOLD PLATED WATCHES. Chespest in the known world. Sample Watch Free to Agents. Address, A. Coulter & Co., Chicago.

50 NICE CARDS, Plaid, Repp. Silk, Block, &c., with name 13c. F. W. AUSTIN & CO., North Haven, Ct.

A GOOD WELL can be made in one day with our Auger Book. U. S. AUGER CO., St. Louis, Mo.

30 Fine Cards, no 2 alike, with name 10c. post-paid Outfit 10c. CLINTON BROS., Clintonville, Conn

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KANSAS STATE AGRICULTURAL

Four Years' Course

No Tuition or Continued Fees Students can meet part of their expenses by paid bor. Fall Term opened Aug, 23 and closes Dec, 20, 77. Students can enter at any time. Send tor cat-ogue to JNO. A. ANDERSON, President. Manhattan.



Also Chronic and Surgical diseases, deformities &c. a specialty, at the TOPEKA MEDICAL & SURGICAL INSTITUTE, AND EYE AND EAR INFIRMARY. For further information or consultation, call on or address Das. EDBON & MULYANE, Physicians and Surgeons in Charge, Topeka, Eansas.

AYER & SON'S MANUAL For Advertisers

GREAT SALE

ONE HUNDRED HEAD

WESTERN FARMERS. BREEDERS AND ADMIRERS OF FINE STOCK.

JOE GREEN.

With Record of 2:26% PINE LEAF.

2:33% . will show 2:20. BORDER EAGLE, 2:37, will show 2:29.

KANSAS GIBL, 2:38. will show 2:30.

THE STOCK consists of Trotters, Road Horses, Stallions, Brood Mares, and Colts of all ages, selected from the most fashionably bred families in this country—Hambletonians. Mambrinos, Cadmus, Morgans, and the much desired pacing crosses: Blanco, the sire of the great Smuggler, and Strawn's Monarch, the sire of Monarch Junior, Monarch Rule, and a host of others.

the sire of the great Smuggler, and Strawn's Monarch, the sire of Monarch Junior, Monarch Rule, and a host of others.

This Stock will be sold on long time, with approved security, any person desiring to purchase, will thereby be enabled to obtain such as may be desired for use, or for stocking their farms, with the best of blooded stock.

This will be an epportunity to obtain valuable road horses never before offered in this country, as all the mares are sound, kind and fast, and when their colts are taken from them, will be ready and suited for road and track purposes.

The sale will be positive and without reserve, to the highest bidder.

Persons desiring to see this stock and examine the same, as well as the pedigree of each animal, will find the same at the Fort Leavenworth Race Track, or may obtain any information, by addressing Captain William S. Tough, who selected and bred this stock with great care and skill.

This sale will take place at the Mile Track, at Fort Leavenworth, on the 25th day of October, A. D. 1877, commencing at 10 o'clock A. M. and will continue from day to day, until completed. INSLEY, SHIRE & CO.

LEAVENWORTH, Kan., September 24th; 1877.

JOINT PUBLIC SALE

Short-Horn Cattle

Riverview Park, Kansas City, Mo. -0N-

Friday and Saturday, Nov. 9th and 10th, '77. The Subscribers announce that they will sell'at the above time and place, to the highest bidder, without by-bid or reserve,

Two Hundred Head of Short-Horn

Fashionably Bred Cattle, consisting of 150 Females, and 50 Bulls, representatives of the following well known Families.

Oxfords, Rose of Sharons. Young Manys.
Pearlettes, Arabellas, Cambrias.
Phyllises, Louans, Dutabellas.
Jessamines, White Roses, Floras.
Miss Severs, and Red Roses.

and other families, as well as a few choice bred aged

Terms Cash or six months time with 10 per cent on approved paper, negotiable and payable in bank. Geo. & A. L. Hamilton. Mt. Sterling Ky. B. C. Chiles, Independence, Mo. H: M. Valle, Independence, Mo. Seth E. Ward, Westport, Mo.,

J. D Buckworth, Kansas City. Mo. Thos. C Anderson, Kansas, City, Mo. rho will furnish Catalogues on application. CAPT. P. C. KIDD, Auctioneer, Lexington, Ky.

The MOST DURABLE, BEAUTIFUL & ECONOMICAL known

Awarded the highest Medal and Diploma at the Centennial.

The ONLY RELIABLE MIXED PAINT in the market.
Sample card containing 30 beautiful colors furnished free. Correspondence Solicited. THE AVERILL CHEMICAL PAINT CO. 171 Randolph St., CHICAGO

Rvery Scale coatains
Valuable Improvements. The only

116 Main Street, Cinciunati. 612 North Third Street, St. Loui AREHOUSES

A. M. GILBERT & CO., Managers. DOWN

WITH HIGH PRICES.

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



4-ton Hav Scales. \$50; old price, \$160. All other sizes at a great reduction. All Scales war ranted. Send for Circular and Price-list

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

PATENTS For Inventors. How to obtain them, Send for elroular, HENRY J. ENNIS, Box 442, Washington, D. C.

SHEEP | Centennial Medal awarded. Sizes suite-ble for marking Cattle, Sheep and Swine. Samples tree. Agents wanted Address C. H. DANA. West Lebanon. N. H.

PURE BRED

Cotswold Sheep

The best specimens at lowest rates. CHARLES F. MILLS, Springfield, Ills.

10,000 CATTLE

-LOCATED NEAR-

LLIS, KANSAS,

ON THE KANSAS PACIFIC ROAD.

I have now For Sale all classes, and want to close hem all out in the next ninety days. Market Opens for Through Texas Cattle, October ist in Kansas, this year, instead, of November, as formerly. Enquire, of WM. B. GRIMES, Ellis, Kansas.

September, 8th, 1877.

BROOM-CORN.

Gregs, Son & Co. 125 Washington St., Chicago, continue to make Broom-corn a specially, and make liberal advances. Consignments respectfully solicited. Address correspondence to A. D., FERRY, 113 Kinzte

SHORT-HORN CATTLE.



ALBERT CRANE, Durham Park, Marion County, Kan., breeder of pure Short-horns of fashionable blood.

IMPORTED

NORMAN HORSES



E. DILLON&CO.,

Normal, McLean Co., ILLS., Normal, McLean Co., ILLS.,

HAVE made the Important and Breeding of Normal Man HORSES a specialty for the last 30 years. Have imported from Mormandy. France, 86venty-Five Stallions and Mares, and have now on hand 100 head of Stallions and Mares, as FINE A HERD as can be found in the United States, all of which we are offering for asle, on terms as liberal as the same quality of stock can be had for any where in the United States. Imported in July, 1877, 8 as fine stallions as ever crossed the Atlantic Ocean, all dark dapple greys, from 3 to 5 years old; will weigh, in good flesh, an average of 5,000 pounds each. Our ILLUSTRATED CATALOGUE, giving description of stock, will be sent, free of charge, to any one sending us his post-office address. E. DILLON & CO.

SHANNON HILL STOCK

TARM.

ATCHISON,

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

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

Addres GLICK & KNAPP.

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

GEO. M. CHASE. KANSAS CITY MISSOURI.



Thoroughbred English BERKSHIRE PIG.

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

PURE BRED

Berkshire Pigs.

SILK CULTURE

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Eggs of three breeds of Silk-worms awarded for their fineness, First Premium at the Centennial, Book on Silk Culture: How to make Silk Culture Pay.

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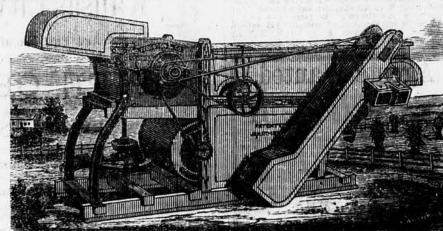
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