

[From the Illinois Farmer.]

CORN GROWING IN ILLINOIS.

With the present and prospective price of corn we are under the necessity of considering whether we can continue to grow this staple, to be shipped in its raw state, or to state the or use otherwise on the farm. During the year 1860 there was received at Chicago alone the depot in the car, or an amount in round of wines fabricated out of whiskey is another want is cheap well constructed implements .- particular in doing this. It will be ready for Arue this price, on the average, has not more derful extension of the spring wheat crop by their arrangement, not liable to get out of Bats will not eat wheat thus prepared, and may well feel staggered at the prospect.

present c'rcumstances corn will not pay at good shade for the lazy porkers. less than twenty cents the net cost of its propense of its p oduction and harvesting, so far and long tried beaten paths. as the farmer is concerned. The railroads have been extensively benefitted as well as the commission men, while the corn mercaant and banker have suffered loss Many of our county banks have gone under, loaded down with corn, or the notes of corn dealers. Some of this a loss direct between the price paid and that at which it was sold, and a part by withholding the funds by southern correspondents. Another evil that the corn trade becrop. This, then, is the true position of the barely paying its cost to the producer. Now cumstances, to which we should have added that the pork market was ba e, that the supwhich in a great part was obtained before the This, if the crop averages forty bushels to the parative value of the different substances, and blockade, we may well enquire what will be the case with the crop of 1861, which though el on the crop of eighty acres, or half a dol- profitably used for this purpose. much less, yet promises to be more than an lar to the acre; but in addition to this, we average one. It is certainly no object to grow have no doubt that the crop will average fi e corn at less than twenty-five cents delivered at or ten bushels more; nor does the difference the depot, or say forty cents in Chicago, un- stop here, for wi h this ki d of cultivator the less by improvement in culture its cost c n be reduced. This, we think, is ganable of ac- first on the cost of the machine for drilling complishment, and that five cents may be of its profitable production, and one that will bring to market any large amount of this important staple. We do not mean to say by this that the culture of corn will n t continue a profitable branch of farming, for there are staple feed for farm teams. To supply these

SUBSTITUTES FOR CORN.

alcohol, for lights, and the substitution of cost, one of three things must occur-a rise in in 'he wine crop has also lessened the demand poses. Of the two-horse cultivators we have across the water, where highwines went to al eady a large variety of patterns, all of them make up the deficit in the product of the vine, more or less valuable; some of them with In fact, the distillery was the great seething seats for riding, some to be guided with a cauldron that absorbed the gorn crop and lever, and oth rs in the ordinary way of culmaintained its high price, and unless some tivators. None that we have seen come up to mew demand shall arise, we see no good rea- what they should or will be. son for a change, only in the reduction of the | We have one, with rollers to crush the

AND DESCRIPTION OF THE PARTY OF

improved modes of culture the East cannot feature, but the cost of it and the imperfect compete with the West in this great staple, manner of its construction will not allow of and we must soon have the monopoly of its its general use. With this cultivator we can cheapest. The d scovery of coal oil and the been abandoned as unnecessary, and we would damage. and east by the various railroads, It will fuminating quality, almost a necessity. La- be without a good cast roller; and as these floor, and with a common watering can has gone forward, producing to the farmer an decreases the commercial demand for corn .- izers to precede the cultivators, and thus les- take a shovel, and turn the wheat over and than paid the cost of production; and now supplying cheap flour to the masses, has made order, and be made strong and durable. A fungi will be completely destroyed by it .with the average price reduced one half we another permanent inroad into the corn crop. large portion of our implements are worthless [Farmer and Gardener. The culture of winter wheat is also being bet- from these defects. It is time that we had a Most people charge this condition of things ter understood, and its product on is not only change; in fact as the price of corn compels on the present hostile state of the country, increasing, but being cheapened will displace it, in regard to cultivators, inventors and mabut we judge this has less to do with it than so much corn for food. The sowing of rye kers will thank us for pointing out the neces-

ceived for corn, to the demise of "stumptail" when from the fai ure of other crops it will for cultivating wheat, it was of little value, of the river .- [Stockton Independent. there must have been a loss of at least a mil- command a high price, but in its perman nt but for its new application it will rank lion of dollars, while at the present rates on 'position on 'change it will hereafter occupy a among the first, for its adaptability and that to go forward there must be a loss of less important place. We have no great re- strength. over two millions more. The two sums will grets on this score, for other products will doubtless sink all the profit to the farmer on supply its place, probably as profi ably as beef and pork made from the last corn crop. corn. The real difficulty lies in making the On the whole, the immense crop of corn for change, for farmers are generally slow in the year 1860, will no more than pay the ex- these things, and have a fondness for the old

TWO-HORSE CULTIVATORS.

The first object is to cheapen the culture .-So long as the margin of profit was large, and how, or with what it was cultivated; but now repeated, under all varying circumstances: when the margin is smal, if not doub ful, it becomes us to use every effort to cheapen its culture, for five cents saved in culture is five cents profit or so much less of loss.

crop is drilled in, which will make a saving low the plowing, instead of waiting until a profit was so large that it could be worked bushels per acre. - [Beaver Dam Argus. with almost any implement and yet prove sat-The extensive use of kerosene in place of isfactory, but now when it is selling below

quantity grown. With the low freights and lumps, which we look apon as a valuable filled.

Plaster, Ashes, and Experiments.

A late number of the Boston Cultivator furnishes the following statements and suggestions; and such experiment would be doubtless exchange. of much value if carried out, remembering that no single experiment is sufficient to form as corn held the monopoly, it mattered less a conclusion, but they must be several times

that a mixture of plaster and unleached hard- States have taken less than fifty prizes. wood ashes, in about equal parts, made a It has been sufficiently demonstrated that little moist, and kept in a heap protected from gat was the purchase of stocks to extend the with a properly constructed two-horse culti- rain, for four to six weeks, and then applied banking facilities, under the specious plea votor, the quality of the work is superior to to crops, will generally produce a highly benthat more money was needed to move the that done with a single horse, while singly, eficial effect, even where plaster alone would and at the same time save the labor of one produce no effect at all, and in all eases the barrely paying its cost to the produced want that is, two horses and one man can benefit is greatly increased over that of pure vanic battery." work eighty acres as easily as two men and plaster. Applications of this compound and worked four times, at four acres a day with a guano, superphosphate of lime, &c., might be nation of the King and Queen of Prussia. single ho se, and we have a saving of forty made by sowing breadths across fields, leaving plies at the South were exhausted, requiring days, which for wages and board, including spaces between without anything. The rea large extra amount to supply them, and bad weather, is not less than forty dollars .- sult would afford an indication of the comacre, is about one and a fourth cents per bush- might show whether any of them could be

Reaping on a Wager of \$100.

Garret Smith, of the town of Burnett, a few over the planter, and second, in marking off wheat on his farm, in the town of Burnett, five dollars a head. gafely counted upon. This will put it at and in the saving of the extra hand work to with a reaper much in use nowadays, and one thirty-five cents in Chicago, a pice which we check off the hills. Another very important span of horses, between sun and sun, on a ly sung to death by wasps. He trod upon whole field is plowed, harrowed and marked accepted by H. W. Hawley, and the stakes an accident. off. Here, then, is a continuous advantage put up. Mr. Smith was to select his own - While Joe, a servant of Erskine Watkins, from the beginning, and which cannot at this team, but the span were not to exceed 2,100 a Mississippian officer, was cooking a chicken time be overlooked, if we have any regard to bs. in weight. At 35 minutes past four the in the ki chen near the hospital, during the o her uses to woich this crop is put, besides the profits of corn growing. Under this pro- job was done, and well done, not a handful of Bull Run battle, a ball passed near him and shipping in a bulk, and that so long as beef cess we think four workings are better han wheat being left standing on the whole twen- struck his skillet. In his report he saids and pork are used, so long will corn continue five under the old. We eannot put this dif- ty acres. The cutting time was 10 hours and "Bress God, massa, I never saw de chicken the most profitable feed to made them, and in ference at less than five cents on the bushel, 21 minutes, A rest of an hour and fifteen after dat!" many parts of the country it will continue the which at the present selling price is no small minutes was taken at noon. It will thus be item, if corn will barely pay at twenty-five seen that this single team and reaper averdemands will require an immonse amount of cents under the two-horse system—that is. we aged about two agres an hour, for ten hours, corn-not so much as at present, it is true, would rather grow corn for twenty cents un- having finished the twenty acres while the yet an amount that will continue to give it a der this new plan, than twenty-five under the sun was yet two hours high. It was estimated place among the great agricultural staples of old. When corn was worth fi ty cents, the that the piece would average from 18 to 20 time. annanananana.

lager for whiskey, has cut off two great price; the cheapening of its culture, or an seeds, can improve the quality of carrot and sources of demand for corn. An improvement abandonment of the crop for commercial pur- parship seed by cutting off all the small clusters of blossoms, and beets by pinching off which ripens before frost; all the strength of the plant will then go to develop the remain-

Preparation of Seed Wheat.

I am one of those who believe in good seed, growth, but whether it will then be any great work any drilled crop, however small, when no matter whether it be for the garden or object is yet to be determined. The war the land is in good order, doing better and field, or whether wheat, rye, corn, or buckis not the sole cause of the low price, for out- more work with two horses than by any other | wheat. I am particular always to get good, side of that the causes before no iced had mode, and still we would not recommend thor clean, dry seed, that is, seed which has been sapped the foundati n upon which the demand the reason given-too complicated, too ex- well cured before housing, and well cared for rested. Cheap alcohol is busy adulterating pens ve, and too frail Its first cost was fifty afterwards. Next, I always give a preferthe kerosene, but this will soon come to an dollars, full twice what it ought be. The ence to new wheat, and an additional preferend. The war will increase the demand for rollers, the cultivator, and the stoe to protect ence to that which s not threshed until just wheat and oats, and to that extent lessen the young plant from being covered with clods ready for use. Again, my seed wheat is that for corn. It is possible that the use of and earth are all properly conceived; but the always steeped in a liquid before sowing. I hot air in drying may make it more valuable arrangements of the parts are all wrong, I ck- adopted this plan from a recommendation for European shipments, but of this we have ing cheapness, durability, and ease of hand- given in an agricultural paper many years case more plain, can we afford to ship corn as little hope. That it will continue the great ling. The skavering knives that formed a ago. All wheat, or almost all, is infested at present, or must we be confined to the staple for domestic use there can be no doubt, part of the machine, we have laid aside as with speres of fungi, which, though not visiamount that we can put into beef and pork, but as an article of commerce it must be con- useless; the guiding apparatus, which was ble to the naked eye, are nevertheless "har." fined to those points that will produce it the cumbersome and liable to get cut of order, has and in sufficient quantities, generally, to de

fifteen and a half millions of bushels of corn, oil wells will lessen he d mand for corn many strip the thing of all its expensive gearing, My plan is, to take from a pound and a and since the first of November of the new millions of blue vitrol, (sulphate crop nearly nine millions of bushels; and this of use that dangerous compound of alcohol on cast rollers like the section of a common of copper) Dissolve this in from two to is but a small part of what has gone into and turpentine, which in spite of its charac- field-roller, say not ov r two feet in diameter. three gallons of hot water, and let it cool be-Missouri, Kansas, south by the way of Cairo ter had become, on account of its valuable il- No farmer who cultivates eighty acres should fore using. Spread the wheat on the barn therefore be seen that an aggregate of ever ger beer, instead f whiskey, has become the are made in sections of a foot each, two of sprinkle the solution over it, at the rate of twenty millions of bushels of the crop of 1860 national drink, and of c urse to that extert these sections would make admirable pulver- about three pints to the bushel of seed. Then, average price f say twenty cents a bushel at The making of domestic wines and the disuse sen the cost of the implem nt. What we over, until it is uniformly dampened. Be aumbers of four millions of dollars. It is drawback to its commercial value. The won- They must, in the first place, be simple in sowing next morning, if done in the afternoon.

A Profitable Apple Crop.

There is an apple orchard on Bensen's many suppose. We think there is a more se- for fall pasture and using the crop for "hog- sity of a change in this respect. So far as ranch, in San Joaquin county, containing near rious difficulty in the way, and one that will ging down"-that is, allowing the hogs to do we can learn, the number of any particular 500 bearing trees, 6 years old and all loaded remain after the country is again at peace. - the harvesting - is a new item in the pork line form of the two-borse cultivators made, has to their utmost capacity with splendid fruit. It is now evident that the South was prepar- that is rapidly trenching on the domain of been limited, no one being willing to risk a We observed trees containing the finest speciing for this condition of things when they corn. Rye, after becomi g tipe, will fall to large amount on the experiment until their mens of rambo red-streak, genetting and purchased so heavily last winter, and now the the ground and remain sould for months practicability was more thoroughly tested .-- ploria mundi fruit we ever saw in any orchard. s'ock of corn is so abundant at Memphis and without sprouting in the ear, thus making it a This is now settled in their favor, and we will These apples sell readily on the farm at 8 at New Orleans that sixteen cents would be valuable feed, and as hogs atten much faster now see who will get up the best and cheapest cents per pound or \$3 25 per bushel. A numall that could be paid 'or it here, to make it in warm than in cool weather, the rye by giv- one. One of our neighbors had an old wheat ber of the trees are bearing as much as 6 to nett the present rates South. The railroad ing an early feed has the advantage; it is cultivator made for the purpose of putting in 8 bushels each, and the entire apple product rates have it is 'rue enhanced he price to the true that old corn will do the same, but this wheat. The wheels were some twenty inches of the orchard will be worth a small compe-Atlantic seaboard towns, but otherwise the must be fed daily, while the rye is at all high, with an apparatus for lowering and tency. When the home market is satisfied, price of corn is not high at the South. Under times ready and at the same time makes a raising the teeth. It was made for two horses, the proprietors will take what is left to the and contained seven teeth. He took out the mountain towns and to Washoe, whither there It will thus be seen that though z rn, like middle tooth, fastened a common chair to the is a remunerative market. All these trees duction; it is therefore evident that at that cotton, may claim to be king, yet it is b ing frame, on which he rides, and drove it into have been cultivated this year without any price it will cease to be a favorite crop for shorn of much of its power and prestige .- the corn field at the rate of eight acres a day, irrigation, in a sandy soil, the surface of shipment. On the four million dollars re- Like all coarse staples, there will be times doing most excellent work. As a machine which is about 10 feet above the water level

CLIPPINGS.

-Another German regiment from Philadelihia has been accepted, commanded by Col. Schimmelpfa ning. That name alone is enough to inspire the foe with terror, says an

-- From a reco d of captures by rebel privateers, carefully kept, the Journal of Commerce finds that sixty-nine vessels, of all descriptions, have been taken, the value of which cannot fall short of \$1,500,000. In the same Mr. E. L. Metcalf, of Franklin, informs us time the cruisers employed by the United

> -The Richmond papers say that Mrs. Henningsen had arrived in that city. She was closely searched by the Unionists, but she "managed to get through with over thirty p. unds of Quinine, five revolvers, and a gal-

-All the sovereigns of Europe have received if this is the case under such favorable cir- two horses. We will suppose the corn is of plaster and ashes by themselves, and of invitations to be present at the coming coro-

> - It is reported that during the Emperor Napoleon's late stay at Vichy the grenadiers stationed there had a ball, at which he was present and danced with the wife of the Colonel of the regiment, several English ladies: ladies from Viehy, and Countesses of the empire participating in the quadrille.

It is said that one of the rebel prisoners confined at Camp Chase, Ohio, had a "letter days since propased to reap twenty acres of of marque" from Governor Wise, in which be was empowered to 'pick off" Union scouts at

wager of one hundred dollars. This offer was their nest, and wasn't able to tell them it was

-A Pennsylvania soldier went hen-roost robbing n ar L-neast r, Pa. was surprised by a farmer and shot dead. He clasped a fowl and drew his last breath at one and the same

-Cincinnati papers say the damage by the late flood in that city will amou: tto \$200,000. feeds .- Those who raise their own garden Se fierce and sudden was the rush of water in some of the streets, that the horse cars were overflowed and passengers sat with their feet on the seats.

-Procuring a coffiin, Henry Rock, of Prothe ends of the shoot, as soon as sufficient viso, Ill., laid himself in it, and attempted in length is grown, or when all the seed is formed that position to shoot himself with a pistol, but having succeeded in inflicting only a slight wound, he got out, constructed a noose, which he fastened to a projection over his head, and ing seed, and they will be larger and better then throwing himself forward into the coffin, dislocated his neck and so died.