THE DESERET NEWS



REPORT OF THE DOMESTIC GAR-DENERS' CLUB.

ON THE CULTURE OF THE POTATO.

with many blossoms, and long, straggling preparing the seed. roots, bearing small tubers that are tough, Reducing the subject to a reasonable prin-

and well cultivated in the season, to produce to hot, it is so much retarded that it never the seedling roots, which will be small, the comes to perfection.

first season. When taken up in the fall, the for another season. In this way it will often take three or four years to determine a good variety for seed worth general cultivation. SELECTING ROOTS, AND PREPARING THE SETS FOR PLANTING.

There is a great diversity of opinion in selecting roots, and preparing the sets for plant-The Solanum luberosun or common potato, ing; some prefer planting the entire root, under general cultivation, is a native of the others small roots to large ones, while many country lying between Lima and Pasco, in contend that it makes no difference whether Peru. It is very common about Valparaiso, the roots are large or small. In cutting the inhabiting steep, rocky places on the cliffs sets, some prefer to cut off the seed ends, so near the sea, and always bearing pure white called, "Full-of-eyes;" others leave one eye to blossoms, free from the purple hue so common the set, while many prefer two eyes; and then in the cultivated varieties. In its native again, many like to have many eyes: these and state, the potato has strong, luxuriant vines, many other arbitrary notions are advanced in

hard, and unpalatable when eaten. ciple, it is here recommended in all cases to In an improved state by cultivation, in many select good, well formed roots, of any variety, ashes as a manure: instances, the potatoe looses its blossom, and in for seed. The roots should possess the proper this state such varieties are called No-blowers, shape, color, size, etc., of its variety. It and generally come into use early in the sea- should also be well matured in order that the son, as the Ash-Leaved Kidney, Walnut-Leav- eyes may be strong and plump, and have a ed Kidney and the like varieties. The late thick, healthy skin or rind to muture the eye. varieties generally have blossoms, and by Very late potatoes, that are not matured, have culture, the tuberous roots become large, thin skins, weak eyes, and are to be rejected. meally, and of good quality in proportion to | Small potatoes, having many weak eyes, the adaptation of soil, clima's and culture. are also to be rejected, on the same principle, There are two methods of producing the as seed. Potatoes that have been kept in a warm cellar, or any place where the eyes are | started into long sprouts, which are taken off Secondly, by planting a part of the tuber- from the roots, are to be rejected on condition that a portion of starch and other constituents In the first instance, when the potatoes are of the root that give life to and support preduced from seed, the young plants when the eye, is in a measure exhausted, which brought into a state of perfection differ very cannot be restored to nourish a second eye

more properly, no crop at all. there, that many large establishments, once

which should be borne in mind, in the culture and concerted into distilleries for making of the potatoe. Too little attention is paid to brandy from the same roots. Progress backthis business, and we find that almost every ward! It tells us, also, that enterprising farmvariety is often found in a crop of potatoes; it ers in England are looking into this matter, is therefore recommended that seed of pota- and inquiring whether they also may not be toes be selected in the fall, at the time of dig- able to make a penny or two out of the same ging up the roots. At this time, a true varie- business. And, as a sort of poultice for tenty of any kind can be chosen with the great- der conscienc s, we are told that the pup of est certainty, and the small inferior roots can these roots, after the juice has been extracted, be rejected.

mannin Coal Ashes as a Fertilizer.

gives the following statement, in the New England Farmer, of his experience with coal

we top-dressed a square piece of ground fairly w th clear coal ashes early in the spring. tun. While the crop was growing, at all stages, the It is only a necessary part of this story to clear coal ashes, half a shovel full in a hill. beets for sugar or brandy. to."

Abuse of the Sugar Beet.

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Great caution should be taken not to irri- A journal in a neighboring city informs us best roots may be selected for planting at a gate the crop too soon, by which the ground that for several years past, beets and mangel proper time the next season for cultivation, is often packed close, becomes hard and is wurzels have been considerably cultivated in and in the fall a selection may again be made often the cause of the vines being scalded, and France for manufacturing brandy therefrom; the result is always a poor meager crop, or and that this business is proving so profitable

> Selecting the varieties for seed, is a subject used as sugar factories, have been remodeled may be used as food for stock, and for the manufacture of paper. 1日安东位于 图1-20日出京200

> In some parts of Great Britain, where high manuring has been practiced, forty tons per Wm. Leonard, of South Groton, Mass., acre of these roots have been raised, but from twenty-five to thirty tuns is a large yield .--And, without going into the details of the calculation, it is estimated that from \$400 to \$600 per acre of proof-spirit can be realized. "On an old mowing field too much run down, After this we are to add the value of the pulp for cattle feed and for paper-making, at \$50 a

difference was perceptible When ready add, that some American farmers and busifor the scythe it was more in quantity; and as ness men have turned their thoughts in the to quality, it produced about equal parts of same direction. But we question whether any herds grass and red clover. If the clover was thing good and profitable can come out of the not introduced by the agency of the ashes, we business in Yankee land. Excellent sugar know not how it was introduced, for four has been made for many years in France from years none was seen there before, or in any the sugar beet root. Several years ago, many other part of the field, and this was the only 'attempts to manufacture it in this countryclover seen in said field the past season. Both in New Jersey and Pennsylvania particularly grass and clover was more vigorous, green and -were only partially successful: the syrup lively within the top-dressed square, and just would not granulate well. This arose, doubtas visible all around was the exhausied crop, less, from the lack of saccharine matter in the which said as audibly, as grass could say, in beet roots. It is doubtful, therefore, whether its declining state, that it had received no American beets will make good brandy, at such assistance from this individual fertilizer. least, so as to be profitable to the manufactu-"On a hill-side not at all renowned for its rer. Certainly, as long as Indian corn can be wealthy properties in soil, we planted the raised for from 30 to 50 cents a bushel, it will Davis Seedlings and Jenny Lind potatoes, in hardly pay to trouble ourselves with growing Below, on equally as good ground, we planted But even if the business could be made profitthe same kinds of potatoes in compost manure, able, we should discourage it from moral conand the coal ashes, single handed, turned out siderations. "Ah, Mr. Editor, allow us to the largest, best, fairest and most numerous make alcohol for use in the arts; to this, cerquantity of potatoes. In reality, they were thinly, you can't object?" The old apology the best we raised on the farm. Almost side for carrying on the distillery business everyby side, in compost manure, our potatoes were where. Very likely, a part of the alcohol somewhat infected with rot; in the ashes they may be used in the arts, but a large part will were all healthy and sound almost to a pota- go into rum, gin, brandy, and the like, to ruin our neighbor, and perhaps our children. These evil arts we can only endure, but not recommend, by word or deed. - [Agriculturist.

potato:

First, by seed, and,

ous roots.

essentially in co or, size and qualty from the formed on the same root. the tuberous roots, in order to retain any de- | Potato vines, like all other vegetables, resired variety for a number of years.

In referring to the above methods of pro- young. ued by other means than by raising a new poor, meager crop of potatoes is produced. principle of continued reproduction of its the set should be the criterion, having two or potatoe will produce its like for several suc- dry and shrivelled and do not afford proper at a state of the greatest perfection, and after | which rarely make strong, healthy plants. arriving at that state, by continual reproduction, the roots will be on a gradual retrograde until by disease, and a continual decay, they become almost worthless with the best cultivation.

CULTIVATION.

The potato produces good crops of excel- fected by hot, dry weather, which is so injulent roots, when well cultivated, on a soil rious to the crop of potatoes. It is a good bleed freely. These remedies are still generadapted to its growth, in this Territory. In- method to plow the ground late in the fall, a ly practiced, nor is it possible, I believe, for of poison, however small, let the white of an deed, there is no vegetable more local in this that the winter frost may make it mellow, country than this useful root. A rich, mellow, and again in the spring, at the time of plantmoist bottom soil, where willows grow, ing.

parent plant; almost every seed produces a Potatoes intended for seed should be kept distinct variety. It has therefore been a cool and retarded as much as possible from universal custom to cultivate the potato from | making growth, until the time of planting.

quire to be started strong and healthy when

ducing the potato under cultivation; the Every eye of a potato when started, planting of the roots has certainly the prece- may be compared to a young plant, and the dence over that of growing a new stock from result of the crop, will be in proportion to the seed, as a more ready and profitable healthiness of the young plants started from method to the general planter; although, at the the eye; now when the young vines are frozen same time, it may be fairly stated, that by a in a growing state, scalded by the sun, or in continued reproduction of potatoes from the any other way retarded in growth, the crop roots, is a bad system, and adverse to the true will in a certain degree, be in proportion to principle of the retaining its primitive health the healthy condition of the vines; and it is and vigor, which cannot be naturally contin- often owing to the above causes that only a

crop from seed, which alone contains the vital In preparing the sets, a moderate piece for natural type. It s true that the roots of the three eyes; very small sets are liable to become cessive years, by a high state of cultivation, nourishment to the eye to make a strong shoot, and it is also clear, that the roots under and the result is that small weak fibrous roots cultivation, have their allotted time to arrive are formed from the eye, at the first beginning,

PREPARING THE GROUND AND PLANTING.

In preparing the ground the grand object to be kept in mind is to dig or plow the soil deep, and leave it loose and mellow for planting, in order that the roots may penetrate deep, to receive the moisture, and not be af-

Lampas in Horses.

A correspondent of the Germantown Telegraph, in a communication on the subject of lampas in horses, says:

The disease consists in a swelling of the roof of the mouth, near the front teeth, and is sometimes higher than the teeth. It happens is supposed to prevent a colt from gathering his food with ease, so that on that account he falls off in feeding, and consequently in flesn ground mustard stirred rapidly in a teacup of or condition. The usual remedy is to sear the parts next the teeth, with a piece of iron made for the purpose, or cut the parts until they up, bringing with it the remaining contents of veterinary surgeons to prevent its being done. The lampas, as it is called, however, is not the cause of the colt's ceasing to feed well, and falling off in flesh; it depends upon his cutting the grinding teeth at the proper time; and if, instead of burning and cutting the lampas, as they term it, they would keep him entirely on bran mashes for a week, he would be able to eat his hay and corn with avidity, for the stomach, which always sympathises with the mouth in the painful periods of dentrition, is quickly restored when the power of mastication returns. We often fin I when the lampas is present, that the memorane of the mouth just within the corners of the lips, is so swollen as to get between the grinders, thus preventing the animal from feeding. When this is the case, it is commonly called bags or washes, and may be removed by swabbing the mouth with a weak solution of the sulphate of iron. This disease is often occasioned by the bearing rein being too tight.

Useful Medical Hints.

The Medical Journal says: If a person swallow any poison whatever, or has fallen into convulsions from overloading the stomach, an instantaneous remedy, more efficient and generally between the third and fifth year, and applicable in a large number of cases than any half a dozen medicines we can think of, is a teaspoonfull of common salt, and as much water, warm or coid, and swallowed instantly. It is scarcely down before it begins to come the stomach; and last there be any remnant lowed as soon as the stomach is quiet; because these very common articles nullify a larger number of virulent poisons than any medicines in the shops. In cases of scalding or burning the body, immersing the part in cold water gives entire relief as ins antaneously as lightning. Meanwhile, get some common dry flour, and apply it an inch or two thick on the injured part the moment it emerges from the water, and keep on sprinkling the flour through anything like a peper box cover, so as to put it on evenly. Do nothing else, drink nothing but water, eat nothing until improvement commences, except some dry bread, softening it in very weak tea of some kind. Cures of very frightful burnings have been performed in this way, as wonderfull as they are painless. We once saved the life of an infant which had been in advertently drugged with laudanum, and which was fast sinking into sleep which has no waking, by giving it strong caffee, cleared with the white of an egg, a teaspoonful every five

PLANTING.

may be considered the best locations for the p tato. When such locations are cleared and There are many opinions on the best time prought to a good state of cultivation, good of planting. Some prefer planting early in crops are generally produced for two or three April; others think the 1st of May a good years in succession. In such locations, the time. Early planted potatoes suffer by frost roots of the plants can freely penetrate deep after the vines appear above the ground; they into a rich, cool, mellow soil, which is little are then often frozen, and in this state the affected by the extreme heat; hence the roots tops have to make a thick bunch of vines, and in such places, are always in a cool, equal the result often follows in a poor meagre temperature; the leaves, roots, and the like crop. The first of May is perhaps the best components in the soil, are also undergoing time for planting. The ground at that time a gradual decomposition, and are ingredients is sufficiently warm to give the eyes a strong, of food of the very best quality for the crop; healthy start, and it rarely occurs that the it is therefore owing to a great amount of vines are injured by frost; the young fibrous vegetable food contained in such locations, roots strike deep in the ground, and fine, that is the cause of several successive crops healthy plants are generally produced.

of potatoes being grown to good perfection. Such locations will probably yield crops for sets; some prefer planting two in a hill, two a number of years under good management; (or three feet apart; others are in the habit of but as there is no crop that robs the ground of planting in drills from two to two and a half its favorite nutriment more than the potato, feet apart, and placing the sets from ten to it is clear that continual cropping is a bad twelve inches apart in the row. In all cases system, hence a good system of routine crop- it is to be recommended that the sets are not ty, on a cement which he obtains by melting ping should be adopted to replenish the soil planted too near together. with constituents; wheat, oats or barly will Planting in rows two and a half feet apart, be good crops on such ground, and especially and placing the sets from ten to twelve inches if the stubble is turned in deep in the fall; and | apart in the rows, is a good system, or in hills then plowed again in the spring at the time of three feet each way, with two sets in a hill, purposes than gutta percha alone, and which, in print, and have proved to be an excelle t

On dry, gravelly, upland soil, little can be be planted two or three inches deep, and coveasily wiped dry, and kept for use. The ce- cupied in cleaning them, and performing the expected when planted with polatoes, for the ered with loose mellow earth, so that the ment adheres with the greatest tenacity to work in a more perfect manner. reason that it does not contain the due portion young plants may come up freely, and have a wood, stone, glass, porcelain, ivory, leather, Chop off the snout from the head, and divide of nutriment to insure a crop; although in many good start. When the plants are two or three parchment, paper, hair, feathers, silk, woolen, it into four pieces, after cutting off the cheeks Instances, good crops have been produced from inches high, the ground should be well hoed, etc. to salt, saving them to bake with beans; wash the virgin so I when first cultivated, particu- and kept loose about them, to insure fine, MANAAAAAAAAA all thoroughly, and put into a suitable vessel, lar y when first broken, in consequence of the healthy vines. When the vines are six or Teaching Pigs to Eat Slow .- A correspon- covering them with water in which a little soil decomposing and giving the proper nutri- leight inches high, they may be earthed by dent of the New England Farmer, says: Pigs salt has been dissolved, merely sufficient to ment to the plants; this being exhausted, little drawing a portion of earth to the hill, or by should be early taught to eat slowly, for the draw out the blood; let them soak two days. remains in the ground to sustain a crop on the side of the row, to form a water drill, to advantage of the pig, as well as of the owner. changing the water each day. The third day admit water to pass by the vines when irri- Nothing is easier. Give the weaned pig. at take them from the water, scrape them well, such locations. gated. Irrigation may be commenced when 6 or 8 weeks old-in a clean trough-half a but without at empting to remove the brist es; PREPARING THE SEED FOR PLANTING. the vines have made a good growth, and the tea cup of dry shorts or bran, and after his if they do not seem pretty dry after scraping, Under this head the selecting seed from the tubers are beginning to be formed, it is impor- dry food is all saten, give him drink, and in- wipe the skin side; then light a spirit lamp, potato calls claims the first consideration, tant at this time of the growth, that the crease the dry food according to the age and (I mean simply a fluid lamp, with alcohol in when the object is to obtain new varieties ground be kept loose and moist about the appetite, till three months old; then add one it,) and singe off the bristles in the flame; it from seed. The berries should be taken from plants, in order that the young potatoes make half Indian meal for two months, and then will take them off so completely, leaving them a strong, healthy plant, of good variety. They a free growth. If the ground at this stage dry Indian meal, till fattened sufficiently .- white and smooth after a slight scraping, may be sown early in the spring, and the young becomes dry and hard, the potatoes will be This plan has been followed for five years that you will not be able to find even a vesplants transplanted in rows, two feet apart, checked, and often by the ground becoming with decided success. tige of them.

There are several methods of planting the

ten or twelve inches apart. The sets may after being poured into cold water, may be one; saving at least half the time usually ocplanting.

New Cement .- Professor Edmund Davey minutes until it ceased to be drowsy. lately read a paper to the Royal Dublin Societogether in an iron vessel, two parts (by weight)

of common pitch, with one part of gutta-

Cleaning Pigs' Heads and Feet.

A correspondent of the Prairie Farmer says: percha. It forms a homogeneous fluid, which | Permit me to send you a receipt for cleaning is much more manageable for many useful pigs' heads and feet, which I have never seen