authority, viz., to that of a lady herself. in winter, and require to be protected from the vulsar earth.

Such a garden as almost every furnier may cultivate without treaching upon the Jahours of the field, may be made to supply one-fourth. 1 nt least, of the food which sacquired for the consumption of his fainly during the sum- necessary circumstance towards the producdo not forget your gull no

from an English writer, and refer chiefly to the pigs market gardens; many of the hints, however, will be found useful for ordinary

the same natural families. The greater variety cultivated in gardens, in comparison with those who raise them in small quantities is so great that they can afford a liberal price to those who raise them with proper care, so as the common produce on a farm, enables this to keep the varieties distinct.

Principle to be fully acted upon. Those Many plans have been proposed for the sow or plant the same kind of vegetables in , of them are saited to every situation.

and dissimilar vegetables may grow together! than the most plausible theories. on the same grow i. Trees bearing fruit! The application of the garden husbandry raised to advantage. Ruspberries, goose-berries, and currants, are planted in the rows between the trees. These rows being thirty or hoe. forty feet apart, leave ample room for vegetables: but in those gardens where the linest vegetables are raised, and natticularly in those which are appropriated to the growth of seeds, no trees are permitted to shade the are kept low and elapped, that they may not give any shade, or harbour small birds.

A garden should always be hid out in a regular form, with narrow parallel beds, and paths between them. One or more roads, of sufficient width to allow a cart to pass, should intersect these beds at right angles, for the convenience of bringing manners and taking with respect to shade and sun. Ordinary of the produce. The beds should not be standard trees should be on the north and standard trees should not be standard trees should be on the north and standard trees should be on the north and standard trees should not be standard trees should be on the north and standard trees should not be standard trees should be on the north and standard trees should not be standard trees should not s of the produce. The beds should not be standard trees should be on the north and above six feet wide, so that a person may west sides, near or against the wall or fence, easily pull up weeds or gather the vegetables so as not to shade too much from the sun-without treading upon the beds. The sar- 2. Alternate the crops, and do not plant face soil taken from the paths serves to raise varieties together, lest the pollen should mix. the beds, and in retentive soils may carry off the superfluous water after sudden and violent soil. rains. The who's ground should have been trenched two spits leep or more; and this trenching should be frequently repeated, to mix the upper with the under part of the soil, 1 5. Stirring the ground about well-set plants and distribute the decomposed dung through- is one of the most certain and rapid means of out the whole depth. Thus in time a rich black mould will be produced, in which

Mrs. London, the wife of the celebrated up frost, narrow beds are made, lying in a direc-Mrs. London, the wife of the command up troot, marrow occus are made, sying in a directicultural writer, in her excellent little work of Gardening for Ludies," lays down very particular directions for the mode of diagring there is a surface forms an imple of twenty or thirty degrees with the horizon. This gives the soft preparing and applying the proper the plants a protection from the north winds, kind of manure, making hot heds, Ar. Se thand exposes them more to the influence of the and she gives drawings and descriptions of the envered web many weather, these heds are and she gives drawings and descriptions of the govered with mats or loose straw. We do implements they must use, and of the little not mention frames covered with glass, as We do barrow which they are to till up, and trapelle they belong to a higher kind of horticulture; along with the a own fair hand. By the blue a moderate hot-bed, made with fresh way, we must not forget that she allows be unknown to the control of the control way, we must not forget that she allows is indepensable for the raising of early vegethem to wear a leather gauntlet, to protect tables. By these means, radishes and various their delicate fingers from the rude touch of salads may be raised very early in the spring. and sometimes in mild waiters, without any interruption the whole year.

An abundant supply of manure is indispensible in a market garden, and this can generally be obtained in large towns at a trifling expense. The neighbourhood of a town is therefore a to assist of the standy chains the sumconsumption of his family chains the sumtion of the crop, as well as its sale. It would out and dried, and, it soaked before cooking,
mer, to say nothing of the air of comfort and
the impossible to make a sufficient quantity of are nearly as good as when first gathered
the impossible to make a sufficient quantity of from the vines.

Perennial products require rosy hae of health such employment im- employed to carry the produce to market, parts to the young lalis, a matter of module and the extent of land usually laid out in garden moment to an affectionate and include in the cattle without tall moment to an affectionate and include in small moment to an affectionate and indulg in cattle without taking up a space which may grape, and, in situations where they will father. We say, then, to all, however multiple more profitably employed. The only unitative, the apricot and peach. But of fruits We extract the remarks b law from Gard nor a Dictionary. They are taken by him state if it were not for the manure made by succession of fruit from June to November.

The profits of a garden near a large city. of the extent of 10 or 12 acres, are as great as that of a farm of ten times the extent culti-Dup trenching in some degree prevents that peculiar deterioration of the soil which purchased manure. But if manure can be obtained at a reasonable rate, as is often the would be the consequence of the frequent repetition of similar plants. This effect is most closes in great thoroughters, where many perceptible when the plants perfect their closes are kept for public conveyances, alphanes perfect their closest their closest for public conveyances, alphanes in the plants perfect their closest for public conveyances. wed, which is seldom or never allowed to bloom there be no namediate demand for April to July, or until the fruit is sufficiently seem, when is senious or never allowed to the space in market gardens; but great attention is paid to the spaces of plants which spaces of plants which space of plants which space of plants which space of plants which space of plants which is great in the spac in e tablishing, is that of avoiding the too fre- laily of flowers, is very great, and the profit of

gardeners, who overlook this, and repeatedly distribution of the crops in a garden; but none the same spots, are soon aware of their error depends on the nature of the soil, which may by the diminution of the produce, both in by better suited to one kind of produce than quantity and quality, end by various diseases another, and also to the demand for any pewhich attack the plants, however abundant cular class of vegetables. New sorts may may be the food supplied to them or careful toften be introduced with advantage. The raising of any useful plant with great care The principle on which the gardens are cultivated is that of forcing vegetation by makes it advantageous to him to confine himmens of an abundant supply of dung, consist these principally, and raise them in the stant tillage, and occasional watering. The igneratest perfection. An ingenious man will whole surface is converted into a species of tind out what is most for his own advantage; but held and grant togenals gave midd and tron the let of about what his context which may be sufhot-bed, and crop succeeds crop with a ra-pidity which is truly astonishing. Those tivated for ormanent or for use, a selection regetables which arrive at a marketable state may be made which may be well suited to in the least time are always the most profit. able, and those also for which there is a con-istances of the grower. The practice of the stant demand at all times of the year. With market gardeners may be examined with administration of manufactures, the market vantage; and long experience, with the test gardeners have no for of exhausting the soil, of profit, will lay down better practical rules

may be planted in rows, especially those of must be in the preparation of the soil by deep the dwarf kind, and under them those vege-prenching and digging, carefully drilling or tables which do not require much sun may be abbling all the seeds in rows, stirring the sol between the growing plants, and keeping the ground clear of weeds by the hand and the These last are the most essential part of the cultivation. By daily attention to the progress of the plants, and continual assistance at critical periods, sometimes thinning out, and at other times transplanting to produce an equal crop, and treating every plant ground; even the hedges, if there are any, as if it were a rare plant in a garden, the iground may be made to produce more than double what the most attentive farmer could expect on a larger scale.

These short rules may be added for gar-

- 3. Plant immediately after preparing the
- forwarding vegetables.
- 6. Trench the soil over sixteen or eighteen every kind of vegetable will grow most rapidly. inches deep regularly every four or five years. For early plants, and those which are used taking a fifth part annually.

are concise, and well adapted to farmers :-

"The mouth of May is an important one in the operations of the garden. If not already done, no time should be lost in sowing the seeds of onions, salads, early cabbage, pease, radishes, and in planting early corn and potatoes. The beet, carrot, parship, and and potatoes. summer squash, may also be sown. Cabbages for winter use may be sown in time from the 20th to the 30th. As soon as the soil and the season are warm enough to bring up corn, which here is generally from the 15th to the 20th, plant your melons, pump-kins, and cucumbers, though it will do equally well to plant the latter, for pickles, in the early part of June. The 15th will ordinarily do for Linux beans, which are the best of the bean family. Sook the seed of these in warm water a few hours, and cover them slightly when planted. My practice is to save this crop for winter use. They afford a good product. When frost is apprehended the very little care after they are once established. We will name of fruits, the strawberry, the current, gooseberry, plant, pear, quince grape, and, in situations where they will

and in a preserved state during the year. Plants to begin with will cost from three to five dollars. They may be multiplied by grafting, building, &c. The trees should be so arranged us to shade as little as possible the grounds that are to be tilled. Half n dozen roots of the pie-plant (rhubarb) will furnish abundant materials for pies and tarts, in no wise inferior to the gooseberry, from if kept in good order. For this the ground should be dug deep and made rich.

" The annual products which go towards subsisting a family, and which are seldom produced but in the garden, are numerous, as the onion, beet, carrot, parsnip, cabbage, pense, beans, pot-herbs, salads, radishes, squash, encumber, melon, &c. Some of these are in use most of the season, and most of them afford valuable winter stores."

Correspondence.

THE POTATOE DISEASE.

For the Canada Farmer.

GENTLEMES .- If you think the following emarks might prove servicable to the realers of your highly interesting journal, you will please give them publicity.

In investigating the nature of a disease like that which has destroyed the potatoe crop to a very great extent both in Europe and America during the last few years, we cannot be too cautions in recommending any preventive that we may, by close observation, have discovered. I say partial preventive, because we have no reason to believe that an effectual one has yet been found out, though scientific men have devoted much attention to the subject. We are justified in applying supposed antidotes, unless for mere experimentonly so far as they afford usa reasonable pros pect of ample remuneration for all additional labour and expense that may thereby be incurred.

Last year I planted my potatoes in " new land," (something rather unusual in this part of the country) having cleared a few acres principally for the wood, and determined not to leave it in the slovenly condition in which we find so many patches where firewood has been taken off. I thought it might be profitably planted with potatoes and turnips, as it could be easily, prepared in time for these, one man, who performed it with a common hoe. The few weeds that made their appearance during the summer were carefully removed, but no additional earth brought to the hills, which had been made full large when planted, a circumstance that will in part account for the long time occupied in plainting two acres. When the proper senson for digging arrived I was struck with the difference between those that had been planted either in rich vegetable mould mixed with ashes, or fresh clay where knolls had been removed, similarly mixed, and others planted on which the meat is placed with the essensimilar in all respects, excepting that they tial oil of laurel, the smell of wanted the sakes, which were not equally away this troublesome insect.

The following remarks from Judge Buel distributed, on account of the leaves and rubbish in many places not burning, and requiring to be removed. Of this fact I became satisfied, that wherever the ashes were liberally mixed with the soil, which was by far the greater portion, the tubers were nearly all sound, but in the absence of this ingredient more than two-thirds of the tubers showed traces of the disease; upon the whole I had n very good crop. About one bushel in ten being unfit for house-use, were engerly consumed by both pigs undeattle. In confirma-tion of this statement, I may mention that a neighbor planted on "new land," but in consequence of not getting a "good burn" his pointoe crop was affected very materially.

With regard to the failures immediately adjoining my own farm on every side, potatoes were planted on "old-land" with barn-yard manure, and ploughed several times, as is usual for such crops. result may be judged from the fact that nine-tenths of the land thus planted, has remained undisturbed to the present time. The same rule so far as my observations go, may be practiced to great advantage in cultivating

Potatoes planted very early, generally speaking, are the best; but notwithstanding the difference as already noticed in the time in which mine were planted, no perceptible advantage could be observed. In the com-paratively new Townships of this as well as other Districts of Western Canada, scarcely any loss has been sustained in the Potatoe crop; while many farmers of the older Townships, have to go to the "Bush" to get a supply for table use.

The above observations are submitted with reater confidence on account of the writer's having read several well authenticated statements of the application of common ashes to soils that had been cropped for ages, with the most signal success.
A CANADIAN FARMER.

Markham, March 28, 1817.

We strongly recommend the above to the attention of our readers. We had written a few remarks on the effect of salt in preventing the disease, but were obliged to leave them out to make room for our correspondent. A friend in England, who lives on the sea coast, ma lettter just received, states, that scarcely any trace of the disease was seen in a number of fields that had been overflowed by the sea; and from many other experiments, we believe sait, which contains a large portion of soda, and wood ashes, composed chiefly of potash, both alkaline substances, afford the best remedy that has been discovered. We shall go more fully into the consideration of salt as a preventive of the disease and as a manure, the quantity, time, and mode of application, in our next number.

For the Canada Farmer.

Massas, Europs.-In a conversation with a brother farmer, relative to an article which appeared in your journal, (No. 2,) copied from an American paper, on the destruction of the grab and wire-worm, by ploughing the ground three or four inches deeper than usual, and then pressing it down with a heavy roller, so as to prevent their working to the surface; -he observed, that from personal and practical experience. he found, b. sowing and working the land with Buckwheat, eather for gram or manure, will not only effectually destroy them, but at the same time, leave the soil in an enriched and high state of cultivation. One or two crops will be enough to attain the de-

This remedy, he considers much surer than ploughing and rolling, and better adapted to the interests of the farmers of this country than the American plan.

Yours faithfully.

TIMELY HINT-SOOT IN CHIMNEYS.-Towards the latter part of winter, it often happens that the soot in chimneys has become much accumulated, and large fires, in many sparks and burning cinders fall on the roof. If the shingles are dry, the danger is imminent, and many house-burnings doubtless originate in this way, more especially if this happens to take place in the night. To remove the difficulty and danger, burn out the soot in calm wet weather, by setting fire to straw, properly placed in the chimney for this purpose .- [Albany Cultivator.

To PREVENT PLIES ATTACKING MEAT. The butchers of Geneva have a singular mode of preventing flies from attacking the meat in their shops: they rub the walls and boards tial oil of laurel, the smell of which keeps