GRAPE VINE PRUNEING .- Mr. Charles Baker, of the Montpelier Nursery, near London, sends to the Advertiser the following hints on the pruning of grape vines: "The summer treatment of the grape ... vine should be attended to at once. If neglected the vines will run all to wood and the most of the Auit will fall off. What remains will not get enough of sacharine matter, and will be sour, tough, seedy and worthless. All the young shoots that come from the old canes are called leaders during the first year's growth. A leader is not a leader more than one year. There are three kinds of leaders on all grape vines. The fruitful leader should be short ened to one joint above the last bunch of fruit, and a leaf left on very joint. The inferior leaders should be cut off close to the cane, and some of the strong fruitless leaders trained in to fill space and extend the vine. All others should be cut off close to the cane. This should be done at once, and is the first summer pruning to be done each year. Vines require four prunings during the year."

Top-Drassing.—Top-dressing for grasses, as re-corded for four years at the Michigan Agricultural College, resulted as follows : On the plot to which no manure or fertilizer was applied, the total weight of hay yielded per acre was 8,740 pounds. Where two bushels of plaster per acre were applied, the yield per acre was 13,226 pounds, a gain of 4,484 pounds. Where five bushels of wood ashes were applied, the yield per acre was 12,007, a gain of 4,164 pounds. Where three bushels of salt were sown pounds. Where three busness of sait were sown per acre, the yield was 18,060 pounds, a gain per acre of 5,227 pounds. Where twenty loads of muck per acre were laid on, the yield was 14,686 pounds. a gain of 6,524 pounds. These results indicate that there are fertilizers which will produce as good result as plaster. For instance, the plaster yielded a gain of 41 per cent., while horse manure gave an increase of 71 per cent., or nearly a ton more grass per acre in the three years.

A BAD THING FOR THE TURKEYS .- The New England Farmer describes a disease that has been to prevalent among Turkeys in eastern Massachusetts and Ruade Island for a few years past, that few farmers in those parts attempt to raise these fowels at all. Very few cases have occurred elsewhere in New England. 'The Farmer says :-" It is evidently a liver complaint, but what causes it, or what will cure it is beyond our ken. It has carried off our old turkeys after they had commenced laying in spring, but it has made the greatest havoc among young turkeys that were nearly half-grown. The first that is noticed, one will look dull and lag behind the flock. In a day or two it will stay around the barn, instead of following the others to the fields. The disease usually runs its course in less than a week, and almost every case is fatal. The liver is badly discussed, being covered more or less by tubercles of round sore-looking spots. It is usually somewhat enlarged.

WHAT ROOTS TO GROW FOR COWS .- There is a great diversity of opinion as to which are the best kinds of roots for cows. Some writers argue that carrots and mangles are best, and that turnips are not fit to feed cows. Others say that they never had any bad result from feeding turnips to cows giving milk. I am of opinion that they are all good for cows if properly fed and in proper time. My firm opinion is, that the proper time to feed roots particularly turnips, is immediately after milking, and upon no conditions to vary that time—better let them go without than deviate. If turnips are fed in this way, I venture to say that there will in no instance be any turnip flavor in the milk. Instances have come under my notice in which the feeder (who did not believe in this practice) fed the cows when being milked, the result of which was that the flavor was plainly preceptible in the milk and butter. Let those who have turnips try this plan, and they will be satisfied with the result. They must not feed too heavy, and, when commencing, give a small quantity and gradually increase. Another excellent thing for feeding cows is bran and oilcake scalded, and fed warm. Bran is very rich in the elements of milk, more so than corn or pea meal; especially in this case when cooked, bran being hard to digest in its raw state. Many farmers and dairymen lose sight of the value of the bran by feeding it in comparison with meal in bulk, forgetting that a given measure of meal will weigh not far from three times as much as bran Two quarts of meal would be thought a moderate feed for a cow but six quarts of bran would be thought a large one.—Canada Farmer.

VEGSTABLES AT SMALL COST.—I am a gardoner and seed grower, in a country where skilled labor is not to be had, and where even tramps demand high wages or rob your hen-roost, with a growing preference for the latter employment. I have been forced therefore, to study the greatest economy in garden eperations. The first thing a farmer must do, to have a successful garden, is to make it of the right shape. It must be long and narrow, with space left at the ends ample enough to turn a team hand-Hy. Length is the most important, as then all the cultivation can be done by horse power, both better and far quicker than by band. Let the length lay north and south, to allow the sun to reach both sides of the rows. Next, plough the piece twelve inches deep, if possible, haul on well-rotted manure till it is covered six inches deep, harrow as fine as flour, and plant at once. Lay out the rows, perfectly true, two and a half feet apart; begin at one end and plant all the seed of one kind you wish; continue the row with some other sort, and so on till the work is done. I use a common four shovel corn cultivator, the team straddles the row, and the two shovels on each side are set to throw the soil to or from the plants, as required. A patch of half an acre is ample for a family of twelve persons, and can be gone over in half an hour. If this is done once a week, and one hour a week devoted to hand weeding in the rows by some of the children, vegetables, will become as plenty as fresh air. The vegetable garden must be kept totally clear of trees bushes, flowers, &c., so as to allow the plough and cultivator full sway. For small fruits an adjoining patch prepared in the same matter with plough and manure, but planted in rows five feet apart for bushes, and two feet for strawberries, will give an amount of health and real enjoyment which can be obtained in no other way. In gardens of this kind no paths are needed, in fact are an unmittgated nuisance, becoming a harbor for weeds and trash, which should always be under and not on top of the soil. I cultivated 50 acres and have not a path in my whole place; access to the plant is readily had between the rows. Here is a mode of produc-ing the best food at the least out lay of labor, and if a man values the health, morals, and the intellectual qualities of his family, he will supply them with a such a variety of food as will ansure it.

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to have been extensively deranged. AGUE AND FEVER.

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few of them existed, yet examination of the body, after death, has shown the LIVER

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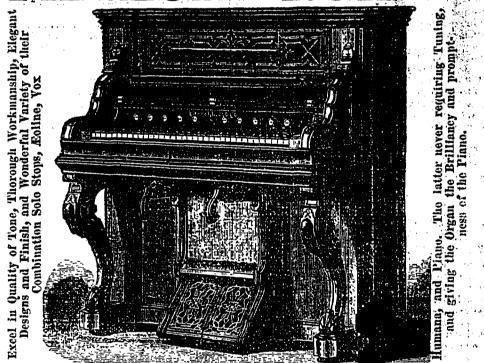
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your man to the your Pills, and only must be used to the your Pills, and only must be used to the ways. The last one was April 5th, 1875, and a less saring of nameter. With the heatening of your modified was made the instrument by the dot that there is no affection. I then the same that you are, they good effects should be not you are. They prove which are it is a provided to the control of th

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