

should be dug out and exposed to the weather.

The fall is the best time to do this, when it may be left in heaps and by spring it will be thoroughly pulverized and ready for application.

#### Transplanting Evergreens.

11. Would you kindly let me know, as nearly as possible, the exact time for transplanting Pine, Spruce, and Cedar? A SUBSCRIBER, *Montreal, P. Q.*

THE month of June is usually considered the most favorable time, because then the evergreens are just about to push out new growth; but in our experience the month of May is better in Canada, in order to get the trees established in their places before the growth of summer, and to have the earth settled about their roots by the spring rains.

#### Yield of Grapes.

12. What is the yield per acre in the Grimsby section? Some extravagant statements were made at the time of the annual meeting.—J. C., *Aultsville, Ont.*

THE number of pounds depends upon the variety. The Concord takes the lead in quantity. In our own vineyard, we average about 20 lbs. per vine, and from three to four tons per acre. Mr. J. R. Pettit, a neighboring vineyardist, has an exact acre of Concords, planted 8x10, and the last season marketed by actual count three tons and a half. The largest yield of any one vine was 25 lbs. His Rogers 15 are planted 10x16, and the largest yield off one vine was 36 lbs. He thinks the latter paid better than Concords, as they netted him 4½ cents per lb., while the Concord only netted him 2½ cents per lb. His Wordens did the best, yielding as much per vine as his Concords, and netting him 5 cents per lb. Mr. A. H. Pettit has also an acre of Concords planted 8x8 feet apart. At the age of four years he had the most remarkable yield of ten tons of grapes! and, one season since, he gathered eight tons.

#### Apple-Trees from Cuttings.

13. An English paper says: Cuttings of the matured wood of any healthy and fairly vigorous-growing kind of apple will strike readily in the open ground, and in a short time commence to bear fruit exactly similar to that produced by the parent plant. This mode of propagating apple and other fruit trees is now attracting much attention, especially on the continent, and admirable results are said to be obtained in this way.

If so, why go to the trouble of grafting? J. C., *Aultsville.*

ONLY under the most favorable conditions will the apple cuttings strike readily in the open ground. The professional gardener, in the moist climate of England, may have no difficulty, but the amateur, in the dry summer of Canada, would fail. The currant, gooseberry, grape, quince, etc., will grow easily from cuttings, if they have first been buried until the cut has calused; so will some varieties of pears especially the Leconte and Kieffer.

#### Golden Queen.

14. Is the Golden Queen Raspberry perfectly hardy.—J. L. THOMPSON, *Toronto.*

As far as it has been tested in Ontario, the evidence is in its favor. Mr. T. C. Robinson has successfully grown at Owen Sound, and therefore it should do well at Toronto. It is among the plants for distribution next spring to be tested by the members of our Association, and we shall soon hear reports concerning it from all parts of Ontario.

#### Grape Syrup.

15. I wish to make grape syrup. Can you suggest how to do it on a tolerably large scale, say 60 gallons at a boiling? I am told maple sugar is sometimes boiled down in large evaporating pans. Would the same answer for grape juice? If so, I should be glad of information how to do it. Can you tell me of any firm who makes them for sale? Is there a large demand for grape syrup?—A POOR VINEYARDIST.

WE have referred your question to several authorities to reply, but so far without success. Has any reader experience to offer?