

cultivator and hoe during all the growing season. The hop-vine is an exhaustive feeder, requiring to be abundantly supplied with potash, lime, and sulphuric and phosphoric acids. Gypsum, (sulphate of lime,) Quick-lime, and hard-wood ashes should be spread on the surface and harrowed or cultivated in. Superphosphate at the rate of a hundred pounds to the acre has been used in England with beneficial effect, when the plants required to be stimulated into rapid growth. Barnyard manure must be supplied with liberal hand, and the higher the stock are fed the better will be the manure.

It is of the utmost importance that every operation connected with the cultivation of hops be performed promptly at the proper time, from the time of setting the poles until the crop is harvested.

#### PROPAGATION.

Plants are raised by cutting off the shoots of the preceding year and planting them early in the spring in beds of rich soil, where they are kept clean and well cultivated during the summer.

#### COST OF PLANTS.

We are not able to answer this part of the inquiry, and request any of our readers who have had experience on this point to communicate it through the columns of the *Canadian Horticulturist*. Those who have sets to sell might do well to advertize them.

#### FRUIT AT OWEN SOUND.

The fruit crop in the immediate vicinity of Owen Sound was in some respects very good the past season, and in others almost a total failure. Apples, pears and plums were either a very small crop or no crop, while strawberries, raspberries, and currants were very good. Gooseberries were not so abundant. But we have had perhaps the best crop of grapes that has been

grown here for some years. We very seldom fail to raise good crops of the early varieties of grapes here. The four kinds that seem to be favourites here are Moore's Early and Worden for the best two blacks, and Lindley and Brighton for red. We have not fruited anything in the green grape line that has proved a success yet.

THOMAS BROWNLIE.

NOTE BY THE EDITOR.—Will Mr. Brownlie do our readers the favor to inform them, through the *Canadian Horticulturist*, what varieties of white or green grapes have been tried at Owen Sound, so that those who reside in that vicinity may be saved the disappointment and expense consequent upon planting varieties known by trial not to succeed.

#### SHAKESPEARE AND BERRIES.

##### FRUIT AND SHADE.

"The strawberry grows underneath the nettle,  
And wholesome berries thrive and ripen best,  
Neighbored by fruit of baser quality."

SHAKESPEARE, Henry V., I. 1. 60.

This circumstance so graphically noted by the great dramatist as being true in his day, has also been noticed by moderns as still remarkably true in isolated cases. But this will not by any means do for a principle of action. The practical facts underlying successful fruit culture in any times, either ancient or modern, are not exactly in accord with this statement.

Neither would it be either wise or prudent to attempt to verify the deep truthfulness of these statements by planting choice *Daniel Boons*, *Manchesters*, or *James Vicks*, or even *Jewels* in the midst of untilled negligence, or of rampant choking nettles. Neither is it found in modern practice that the finest results are obtained by thrusting in a plant here and there, even of the