

characteristics of several new varieties raised by crossing Wealthy and Tetofsky on *Pyrus baccata*. These will endure the climate of Manitoba, and be of great value in that province.

**BEST VARIETIES.**—Mr. W. Warnock recently read a paper before the Goderich Horticultural Society on this subject. He commended the following list, viz. : *Apples*, Transparent, Primate, Duchess, Gravenstein, King, Spy. *Pears*, Bartlett, Louise, Duchess, Anjou, Clairgeau, Druard. *Plums*, Saunders, Washington, Bradshaw, Yellow Egg, Lombard, Reine Claude. *Grapes*, Green Mountain, Diamond, Brighton, Worden, Wilder, Vergennes.

**HORTICULTURAL SOCIETY EXHIBITS AT THE INDUSTRIAL.**—It does not seem generally known that there are special prizes offered at this fair for General Collection of Fruit shown by any Electoral District Society, Horticultural Society, Fruit Growers' Association or Farmers' Institute. Mr. W. E. Wellington, our representative on the Board of the Industrial Fair, has exerted himself very much in the interests of fruit and flower growers, and has not only secured liberal prizes in these departments generally, but for the Society's exhibits above mentioned in particular he has secured for this year an exceptionally good offer of \$50 for the 1st prize and \$35 for the 2nd. Hitherto the Burlington and Louth Societies have been almost the only ones who have made exhibits, but we hope that this year some of our affiliated societies will be represented.

**EXPERIMENTAL WORK.**—The following experiments are proposed by Prof. Lochhead, of the O. A. C., Guelph, and we hope many of our readers will try them and report to him :

*Cucumber Beetle.*—Experiment—Mix an

ounce or so of turpentine in a gallon of ashes and stir thoroughly. Drop a tablespoonful on each melon hill.

*Cabbage Root Maggot.*—Experiment 1—Put a tablespoonful of carbon bisulphide in a hole at the base of young transplanted cabbage, and cover up the hole, so that the fumes will not escape. Experiment 2—Spray forcibly some carbolic acid emulsion (made by dissolving 1 lb. hard soap in one gallon boiling water and adding 1 pint crude carbolic acid, emulsify by agitation), about the base of the plant, some of the earth having been first removed. Replace the earth. Repeat once a week.

*Onion Maggot.*—Try experiment outlined in 2.

*Codling Worm.*—Try "Burlap" or "sacking," as outlined in March Canadian Horticulturist, p. 88, to prevent the attacks of the second brood. Be careful to spray well with Paris Green and Bordeaux right after bloom to kill as many of the first brood as possible.

**THE ROSE BEETLE.**—This insect is very destructive to apple foliage and young fruit about Grimsby this season. About the middle of June a box of these beetles were sent into this office, gathered from an apple tree which was "alive with them," feeding upon both foliage and fruit. They are considered so difficult to destroy that handpick, an endless job, is often suggested. Durham tried Paris green on these at Grimsby with great success, using eight pounds to forty gallons of water, and says he routed the enemy completely without damage to the foliage. Dr. Fletcher says : Handpicking would be a rather tedious practice to clear vines and apple trees from this pest. It is claimed by Prof. Webster that if the beetles can be touched with a spray of whale-oil soap it destroys them. This would be much better than handpicking. Beating might be useful, but they are so extremely active that