

bear at four years, and continues a lifetime. A grower in Niagara District estimates maintenance and profit per acre as follows: Cost of bringing into bearing, \$75; annual outlay when bearing (pruning and tying, cultivation, spraying three times, packing and packages), \$58.50. Average yield 3 tons, or 700 baskets, at average price, 15c. \$112.50. Net returns, \$54. Markets, Toronto, Hamilton, and other neighboring cities; Western and Eastern Provinces. Good grape land costs from \$80 to \$125 per acre. The Ontario Temperance Act was expected to hurt grape growers seriously by destroying the wine industry, which absorbed 700 cars of grapes annually, and used sour and unripe grapes. In 1918 Niagara grapes sold at \$60 a ton, a high record.

GRAPE JUICE. The bottling of unfermented grape juice has been started on a large scale. It is chiefly manufactured by E. D. Smith & Son, Winona, and Welch Grape Juice Co., St. Catharines, T. G. Bright Co., and The Marsh Grape Juice Co., Niagara Falls. Grape Juice requires a higher grade of fruit than the wine industry and it must be well matured and sweet.

WINE. It is estimated one-third of annual vintage is manufactured into wine. Approximate annual output, 275,000 gals. Chief varieties made: Dry Catawba, Sweet Catawba (a communion wine), Isabella, St. Augustine, Port, Sherry, Claret, Golden Diana, Rhine Wines, Champagne. Chief manufacturers: T. G. Bright & Co., Niagara Falls; Pelee Island Wine Co., Brantford; Hillrust Wine Mfg. Co., St. Catharines; Ontario Wine Co., St. Catharines; St. David's Wine Growers Co., Toronto; Niagara Falls Wine Co., Niagara Falls; S. Allen, Norwich; G. Girardot Wine Co., Sandwich; M. Guindon, Sandwich; La Compagnie Robinet Frères, Sandwich; A. Tournier, Sandwich; Marsh & Co., Sandwich. Market chiefly in Canada.

Peaches. Trees begin to bear in four years and should last 15 years. An expert peach grower estimates cost of maintenance and profit per acre as follows: Spraying, manuring, pruning and cultivation, \$28; picking, packing and packages, \$53; hauling to station, say \$5; total cost, \$86. Returns, 700 baskets (11 quarts), at 50c.—\$350. Net return, \$264. The average orchard will yield less than the above figures. The best varieties are the Yellow St. John, Crawford, Elberta and New Pacific. Peach trees 100 to the acre produce fruit when 4 years old and yield profitably till about the 15th year. Annual output about 2 million baskets of 11 quarts.

Melons. Large quantities of musk melons are shipped from Leamington to all parts of Canada. Other sections