

PI 590185. *Malus domestica* Borkh.  
Jonathan.

PI 590186. *Malus domestica* Borkh.  
Wijcik McIntosh.

The following were developed by Agriculture Canada Res. Sta., St. Jean-Sur-Richeli, Quebec, Canada. Donated by Dan Thompson, Agriculture Canada, Center for Plant Health, 8801 East Saanich Road, Sidney, British Columbia V8L 1H3, Canada. Received 02/17/1993.

PI 590187. *Malus domestica* Borkh.  
Rouville. Pedigree - Intro. 1983. 52-05-312 x 69-52; ancestry includes Red Melba, Melba, McIntosh, Wolf River and *Malus atrosanguinea* 804. Cross made 1962 at Ottawa, selected 1972 at Trenton, Ont. Eval. at Frelighsburg, Quebec. Tested as Ottawa 627. Comments:: Fruit: very large, 70-80 mm. diam; skin 75% red on pale green-yellow ground; shape oblate, symmetrical, somewhat ribbed; flesh white to creamy, juicy, slightly coarse; flavor subacid, high sugar and tannin. Quality fair to good, dual purpose including processing for juice; storage life two months. Tree: vigorous, semispreading; precocious, annually productive; cold hardy; resistant to apple scab in most years but foliage susceptible to race 5. Described by G.L. Rouselle in 1983; named by R.L. Granger in 1991.

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PI 590188. *Malus domestica* Borkh.  
J-TE-H (15707). Collected in Czechoslovakia.

PI 590189. *Malus domestica* Borkh.  
Delia. Collected in Romania.

The following were developed by S. Brown. Donated by Susan K. Brown, Cornell University, New York State Agric. Exp. Sta., Department of Horticultural Sciences, Geneva, New York 14456-0462, United States. Received 02/26/1993.

PI 590190. *Malus* hybrid  
NY 58-22. Pedigree - Open-pollinated McIntosh seedling. Comments:: Bright red 1" fruit; hangs on the tree until late winter. Upright spreading tree, with glossy dark green leaves. Large pure white single flowers. Blooms with McIntosh.

The following were developed by Univ. of Illinois, Urbana, Illinois, United States. Donated by Jules Janick, Purdue University, Department of Horticulture, West Lafayette, Indiana 47907-1165, United States. Received 04/19/1993.

PI 590191. *Malus* hybrid  
Co-op 1. Pedigree - PRI 47-147 x N.J. 123249 (Williams et al. 1967). Comments:: Fruit 64-70 mm; round oblate; pale yellow to cream ground color; bright finish; slightly striped, 70% med to pale red; fine-grained, cream colored, firm to slightly crisp flesh; spicy, spritely acid, slightly aromatic flavor; moderately juicy. Matures 6 wks before Delicious. Tree: limber, bare-wooded branches; unreliable cropping. Field immune to apple scab; moderate resistance to powdery mildew; field immune to cedar-apple rust; susceptible to fire-blight.