

PI 589108. *Malus domestica* Borkh.

Payette. Pedigree - Ben Davis x Wagener; selected 1936; introduced 1944. Comments:: Fruit: size very large, 85-90 mm; skin 60-90% red, striped; shape round-oblate; flesh firm, cream-colored, greenish tinge; flavor subacid; eating quality fair; harvest season late October, 3 wks after Delicious. Tree: large, vigorous; Triploid (Proc.Amer.Soc.Hort.Sci. 58:103-108. 1951); very productive; annual cropping. Large, late, Triploid. R.D. Way, 1992.

The following were developed by Allison Estate, Shippensburg, Pennsylvania, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

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Yorking. Pedigree - York Imperial red-fruited bud mutation; discovered about 1925. Comments:: Fruit and tree indistinguishable from York Imperial, except fruit redder. Red-fruited mutation of York Imperial.

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PI 589110. *Malus domestica* Borkh.

Dermen Delicious 4X. Pedigree - A tetraploid sport of Delicious; chromosomes counted by H. Dermen, USDA. Comments:: Fruit: size large, 85 mm; skin 50% red, striped, not attractive; shape typically type Delicious shape, large bumps at base, large calyx; flesh severe bitterpit, other-wise like Delicious. Tree: stout twigs; spreading growth habit; measles; fruits drop from tree; early defoliation. Very large fruited Delicious.

The following were developed by J.D. Duffy, Hobart, Tasmania, Australia. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589111. *Malus domestica* Borkh.

Democrat. Pedigree - Hoover x ? . Found about 1900; different from Democrat found in Tompkins County, NY in 1869. Comments:: Size medium 57:45 mm; shape intermediate, truncate-conic, convex, indistinctly ribbed; skin greenish yellow almost covered dull carmine flush; flesh firm, greenish white; flavour subacid; season very late.

The following were developed by W.T. Macoun, Central Experiment Farm, Department of Agriculture, Ottawa, Ontario, Canada. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589112. *Malus domestica* Borkh.

Melba. Pedigree - McIntosh x Raised 1898; intro: 1909. Comments:: Size medium 57-63;44-51mm; shape flat to intermediate, rectangular to truncate-conic, convex, ribbed on body and at eye; skin pale yellow with pinkish stripes and flecks; white bloom; flesh firm, crisp, very white; flavour subacid, sweet season early. "Tender, but good breeder", Coutts (1991). Shelf life short. Additional LIT.CIT. 1992-93. H. Apple. Tsolum River Fruit Trees Catalogue. p. 25.