

Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

**PI 589145. *Malus domestica* Borkh.**

Niagara. Pedigree - Carlton x McIntosh; crossed 1939; selected 1950; introduced 1962. Comments:: Fruit: size medium to large, 70-80 mm; skin 90% red, color pattern blush and stripe, conspicuous dots, sometimes slight russet; shape round; flesh semifirm, whitish cream, some- times greenish tinge; flavor subacid; eating quality fair to good; harvest season early September, 4 wks before Delicious Tree: productive; somewhat biennial. Early, red. R.D. Way, 1992.

The following were developed by K. Lapins, Summerland, British Columbia, 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 589146. *Malus domestica* Borkh.**

Golden Delicious 4E-25-2. Pedigree - Irradiation-induced, smooth-skinned mutation of Golden Delicious; about 1970; never introduced. Comments:: Fruit and tree: indistinguishable from Golden Delicious, except slightly better finish to fruit skin. Very similar to Golden Delicious.

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**PI 589147. *Malus domestica* Borkh.**

Early Cortland. Pedigree - Cortland x Zodi; crossed 1938; selected 1949; introduced 1982. Comments:: Fruit: size large, 75-90 mm; skin 60-95% red, prominently striped; shape round-conic; flesh semifirm, cream-colored; flavor somewhat tart; eating quality very good; harvest season first week September, 4 weeks before Cortland. Tree: productive; slightly biennial. An early ripening Cortland type.

The following were developed by H. Dermen, USDA-ARS, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Maryland 20705-2350, 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.

**PI 589148. *Malus domestica* Borkh.**

Dermen Paragon 6-3-3. Pedigree - A hexaploid paragon derived from forced adventitious buds of paragon. Comments:: Hexaploid paragon.

The following were 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 589149. *Malus domestica* Borkh.**

Collins June. Comments:: Fruit: size large, 70-80 mm; skin greenish-yellow to yellow shape round-oblate; flesh soft, cream-colored; flavor sub- acid; eating quality fair; harvest season very early, early August; estimated commercial usefulness none. Tree: unprod- uctive; fire blight susceptibility rating 7; very early yellow.