

the weight and size of normal fruits. Diploid-Tetraploid Chimera. NOTE: The inventory GMAL 1067.06 was indexed for three different viruses (SP, SG, CLS) and was found negative, 5/28/1992. However, symptoms suggest another virus present on Radiant indicator. (Einset J. & B. Imhoffe).

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 589184. *Malus prunifolia* (Willd.) Borkh.

Dulcis. Comments: Flowers: single; pink to white. Fruit: 40-50 mm; 70% pink blush; conic; flesh yellow; protruding calyx. Tree: heavy cropping; alternate bearing. Flowering crab, mediocre attractiveness.

The following were developed by Isaac Jefferies. 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 589185. *Malus domestica* Borkh.

Jefferies. Pedigree - Unknown; raised about 1830; named by Pennsylvania Horticultural Society in 1848. Comments: Fruit: size medium, 65-75 mm; skin 40-90% splashed stripes; shape round-oblate; flesh semifirm, cream-colored; flavor subacid; eating quality good; harvest season mid-season, 2 wks before Delicious, ripens unevenly. Tree: productive; strongly biennial; susceptible to woolly aphid. Mid-season, splashed stripes, good quality. *Add. LIT CIT: Beach, S.A. 1905. The Apples of New York. Vol. 1 and 2. J.B. Lyon Printers, Albany, NY Vol 2. p. 108; 1992-93 H. Apple. Tsolum River Fruit Trees Catalogue. p. 21.

The following were developed by Univ. Minnesota, Excelsior, Minnesota, 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 589186. *Malus domestica* Borkh.

Lakeland. Pedigree - Open-pollinated seedling of Malinda; seed 1907, selected 1927; introduced 1950. Comments: Fruit: size medium; oblate to roundish oblate; skin attractive, bright, medium dark red, obscurely striped, medium tender; stem short, medium thick; flesh creamy yellow, sometimes slightly tinged red, texture fine, juicy, medium tender, mildly acid change to subacid in cold storage; quality very good for sauce and pies, good for dessert; stores well to mid-Dec. or later; no pre-harvest drop; Wealthy type; does not require thinning; non-clustering fruiting habit. Tree: bears ann., vig., hardy; suscept. to cedar rust, mod. resist. to fireblight and scab diseases.

The following were developed by Will S. Hall, Hannibal, Missouri, 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 589187. *Malus domestica* Borkh.

Hall Keeper. Pedigree - Thought to be Jonathan x Winesap (note: Winesap pollen is no viable); introduced about 1916. Comments: Fruit: size medium, 65-80 mm; skin 20-80% red, striped; shape round-oblate; flesh firm, cream-colored; flavor subacid; eating quality below fair; harvest season late, early November, 4 wks after Delicious; storage life long, 7-8 mos. at -0.5DC. Tree: annually productive. Not same as Hall Keeper cited by Ragan, W.H. 1905. Nomenclature of the Apple USDA, Bur.