

PI 589217. *Malus domestica* Borkh.

Dermen Stayman 3-6-6. Pedigree - Derived from a forced adventitious bud of improved blaxtayman 201, about 1961. Comments:: Hexaploid blaxtayman.

The following were developed by Dept. Hort., ND St. Univ. and USDA, Mandan, North Dakota, 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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Hazen. Collected in Canada. Pedigree - Duchess of Oldenburg x Starking Delicious; introduced 1980. Comments:: Fruit: large, up to 3 in. diam., round to round oblate; basin at blossom end quite broad and shows tendency toward five points typical of Starking Delicious; skin attractive dark red with 80% colored; flesh greenish-yellow, medium firm, juicy, slightly coarse; flavor mild, subacid; ripens late Aug. at Fargo. Tree: demi-dwarf; bears at 3-4 yrs. hardy, free of fireblight, annual cropper. Similar to well-colored Delicious, but ripens 6 wks earlier.

The following were developed by N.E. Hansen, S. Dak. Agr. Expt. Sta., Brookings, South Dakota, 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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Kola. Pedigree - *Malus coronaria* 'Elk River' x *Malus pumila* 'Duchess', introduced 1922. Comments:: Flowers: single; 40-50 mm wide; pink. Fruit: size small 50 mm; skin green, greasy; poor quality. Tree: Tetraploid (Nebel, B.R. 1931. Proc. Amer. Soc. Hort. Sci. 27:406-410). Ornamental flowering crab apple.

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 589220. *Malus fusca* (Raf.) C. Schneider

F-2. Collected in Unknown. Seedling from Oregon forest. Comments:: Flower: single; small; white. Fruit: 12 mm; oblong. Leaves: lobed. See *Malus fusca*.

The following were developed by D. Sergent. 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 589221. *Malus domestica* Borkh.

Yellow Red Delicious. Collected in Unknown. North Rose, New York, United States. Pedigree - Anthocyaninless mutation of Delicious; discovered 1967. Comments:: Fruit and tree indistinguishable from Delicious, except fruits are not red but yellow-green, sometimes 20% dull pinkish blush, sometimes red streak chimeras. Delicious with no red color. R.D. Way, 1993.

The following were developed by Arnold Arboretum, The Arborway, Jamaica Plain, Massachusetts 02130, 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 589222. *Malus x arnoldiana* (Rehder) Sarg. ex Rehder