

PI 588994. *Malus prunifolia* (Willd.) Borkh.

Rinkii. Collected in Unknown. Eastern Asia; introduced into US about 1850. Comments:: Flowers: single; 50 mm wide; pink. Fruit: 50-30 mm; green and red. Tree: heavy cropping; alternate bearing. Flowering crab apple.

PI 588995. *Malus domestica* Borkh.

Antonovka Kamenichka. Pedigree - Recorded in 1889. Comments:: Size medium; shape intermediate, rectangular, convex; skin bright yellow; flesh rather tender, yellowish white; flavour acid; season late; tree upright; hardy tree.

PI 588996. *Malus baccata* (L.) Borkh.

Costata. Comments:: Flowers: large; white. Fruit: size too large for baccata, 25-30 mm; skin 90% red, blushed color pattern; shape round-oblata. Not baccata type.

The following were developed by E Malline Res. Sta., Maidstone, England, United Kingdom. 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 588997. *Malus domestica* Borkh.

Crab C. Pedigree - Unknown; From Todman,, Borough Green, Kent, in batch of sdlg. stocks called "True French Crab"; selected in 1914. Comments:: Used only as a clonal rootstock; crab apple; summer shoots very vigorous, woolly throughout; dormant wood deep reddish on sun-exposed portions. Leaf: broad, obovate, dull, halves upfolded; teeth broad, irregular; apple rootstock.

The following were developed by Marshall Farm, Inc., Fitchburg, Massachusetts, 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 588998. *Malus domestica* Borkh.

Marshall McIntosh. Pedigree - Red-fruited, branch mutation of McIntosh; discovered in 1967. Comments:: Fruit: More red color than McIntosh; develops red color 2 or 3 wks earlier than McIntosh; harvest date earlier than McIntosh; good storage quality. Tree: nonspur; indistinguishable from McIntosh. Reddest McIntosh mutation. R.D. Way, 1991.

The following were developed by Mervyn Greenslade, 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 588999. *Malus domestica* Borkh.

MacSpur. Pedigree - McIntosh spur habit mutation. Discovered in 1964. Intro. 1970 by Hilltop Nurseries, Hartford, MI. Plant patent 2982. Comments:: Indistinguishable from Summerland McIntosh, except spur habit of tree growth. Many commercial orchards of MacSpur are nonspur, either because of genetic reversion, or selection of nonspur budwood during propagation. Spur type McIntosh. R.D. Way, 1991.

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