

small, 40-80 mm; skin 30-80% orange blush, green ground color; shape oblate; flesh firm, nearly white; flavor slightly acid; eating quality fair; harvest season late October, 3 wks after Delicious. Tree: very upright growth habit; productive; strongly biennial cropping. Oldest apple variety. Grown in the Gardens of Louis XIII, Orleans, 1628. Exquisitely beautiful little dessert apple, cream & crimson. Tender, crisp, very juicy, slightly perfumed. Used for Christmas wreaths. Nov. to Dec. Small tree. Bears heavily.

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 589054. *Malus domestica* Borkh.**

Red Astrachan. Pedigree - Originated before 1800. Comments:: Fruit: size medium, 65-75 mm, not uniformly size; skin 30-80% bright red, attractive; striped; shape round-oblate; flesh soft, white; flavor slightly acid; eating quality fair harvest season, ripens unevenly, late July to mid-August, 9 wks before Delicious. Tree: large leaves; vigorous; medium yields; biennial cropping. Beautiful early summer apple. --R.D. Way, 1992.

The following were developed by George Field, Lafayette, New York, 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 589055. *Malus domestica* Borkh.**

Field Spy. Pedigree - A red-fruited mutation of Northern Spy; discovered about 1961; never introduced. Comments:: Fruit: indistinguishable from Northern Spy, except redder color; 100% red, mostly blushed color pattern, very attractive; one of best color sports of Northern Spy. A red sport of Northern Spy.

The following were developed by Cornell University, New York Agr. Exp. Station, Geneva, New York 14456, 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 589056. *Malus domestica* Borkh.**

Redford. Pedigree - Wolf River x *Malus pumila* Niedzwetzkyana; crossed 1924; intro. 1938. Comments:: Fruit: size above medium, 70-80 mm; skin 100% dark red, blushed; shape round-conic; flesh semifirm, outer half red, inner half cream-colored; flavor sour; eating quality poor; harvest season mid-October, 1 wk after Delicious. Tree: not highly productive; annual cropping. Red flesh, poor quality, similar to Redfield. --R.D. Way, 1992.

The following were developed by Isabella Preston, Canada Dept. of Agric. Central Exp. Farm, 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 589057. *Malus domestica* Borkh.**

Cowichan. Pedigree - *Malus pumila* Niedzwetzkyana seedling; crossed 1920; Introduced 1930. Comments:: Flowers: single; 45 mm diam; expanding buds pale rose red, open pale lavender, almost white; one of most attractive ornamental crabs. Fruit: 40mm diam.; bright carmine with some pale yellow or ivory; good for jelly. Tree: autumn leaf color red;