

Minnehaha. Pedigree - Malinda open-pollinated; selected 1914; introd. 1920; first cultivar introduced by Univ. Minn. Comments:: Fruit: large, 70-80mm; skin 60-90% red, striped; shape oblate; flesh semifirm, nearly white; flavor subacid; eating quality fair; harvest season late September, 2 wks before Delicious. Tree: productive; somewhat biennial. Large, red, mid-season. R.D. Way, 1992.

The following were developed by J.F. Spencer. 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 589031. *Malus domestica* Borkh.**

Spencer Seedless. Pedigree - Unknown; discovered about 1895. Comments:: Flowers: without petals; without stamens. Fruit: size medium 65-75 mm; skin 50-80% dull red, striped, unattractive; shape round-oblate; flesh hard, cream-colored; 2 sets of carpels; has some seeds; flavor subacid; eating quality poor; harvest season very late, early November, 4 wks after Delicious. Tree: very productive. Fruits have seeds; flowers without petals or stamens. R.D. Way 1993.

The following were developed by Canada Department of Agriculture, Central Experiment 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 589032. *Malus domestica* Borkh.**

Linda. Pedigree - Langford Beauty Seedling; selected 1914; introduced 1935. Comments:: Fruit: large; skin an attractive deep crimson; flavor sprightly; quality good in midwinter. Tree: vigorous; comes into bearing at an early age; not fully hardy in Ottawa and St. Lawrence River Valleys of Ontario and Quebec unless top-worked on a hardy framework.

The following were developed by H. S. Loop, North East, Pennsylvania, 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 589033. *Malus domestica* Borkh.**

Loop Rome 2-2-2-4. Pedigree - Large-fruited mutation of Rome Beauty; originally as a tree planted about 1922; discovered about 1930; never introduced. Comments:: Fruit: large; asymmetrical; quality similar to parent. A periclinal cytochimera 2-2-2-4. Tree: good cropper; tends to revert to diploid. Chimeral nature determined at the New York State Agr. Exp. Sta., Geneva, NY; accessioned in 1931 by this Sta. Large-fruited mutation of Rome Beauty.

The following were developed by William Coon, Clay Township, Gallia Co., Gallipolis, Ohio, 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 589034. *Malus domestica* Borkh.**

Gallia Beauty. Pedigree - Sport of Rome Beauty: Weeden, N.F. and R.C. Lamb. 1985. Identification of Apple Cultivars by Isozyme Phenotypes. J. Amer. Soc. Hort. Sci. 110:509-515. Discovered 1862; introduced about 1915 by Ohio State Hort. Soc. Comments:: Fruit and Tree: indistinguishable from Rome Beauty, except redder fruit. Red-fruited sport of Rome Beauty.