

The following were developed by E.B. Williams. Donated by Jeff Crosby, Purdue University, Dept. of Botany & Plant Pathology, Lilly Hall of Life Sciences, West Lafayette, Indiana 47909, United States. Received 09/18/1987.

PI 589814. *Malus domestica* Borkh.

PRI 1563-1. Pedigree - McIntosh x 598-1 (Crandall x 47-77 < 'Jonathan' x "F2"26829-2-2 >) Selected 10/17/66. "F2"26829-2-2=9433-2-2 (Rome Beauty x *M. floribunda* 821) x 9433-2-8 (Rome Beauty x *M. floribunda* 821). Comments:: Scab resistance from *M. floribunda* 821. Oct. 13, 2 5/8 - 2 3/4", oblate-round, splashed striped, medium 25-99% red, pale yellow to cream ground color; flesh white, moderately juicy; successful parent; extremely white flesh.

PI 589815. *Malus domestica* Borkh.

PRI 1228-5. Pedigree - 'Melrose' x 14-644 (Golden Delicious x "F2"26829-2-2) Selected 10/2/67. "F2"26829-2-2=9433-2-2 (Rome Beauty x *M. floribunda* 821) x 9433-2-8 (Rome Beauty x *M. floribunda* 821). Comments:: Scab resistance from *M. floribunda* 821; mildew resistance excellent; very good cedar rust resistance. Oct. 2, 2 1/8 - 2 1/4" round, medium 50-100% light red with orange cast, green to greenish-yellow ground, flesh firm to tender, moderately juicy.

The following were developed by C.S. Crandall. Donated by Jeff Crosby, Purdue University, Dept. of Botany & Plant Pathology, Lilly Hall of Life Sciences, West Lafayette, Indiana 47909, United States. Received 09/18/1987.

PI 589816. *Malus prunifolia* (Willd.) Borkh.

19651. Pedigree - Not confirmed - wild origin. Originally named *M. arnoldiana* but later re-named *M. prunifolia*. Comments:: Received by C.S. Crandall at the University of Illinois from Dr. C.S. Sargent, Arnold Arboretum, Mass. in 1907. Resistance to *Venturia inaequalis* (Cke) Wint. Tree: erect in habit; long willowy shoots bend outward when fruit commences. Flowers: expand about 3 mm and are nearly pure white when open. Fruit: roundish-oblong, base regular apex irregular, clear lemon-yellow covered with a scanty, waxy, white bloom; skin smooth, thin, tough; dots few, small white, inconspicuous. Supplied by Purdue U., W. Lafayette, Ind.

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PI 589817. *Malus domestica* Borkh.

PRI 1302-1. Pedigree - Ill. #2 (Winesap o.p.) x 10-147 < Jonathan x "F2"26829-2-2 > Selected 10/2/67. "F2"26829-2-2=9433-2-2 (Rome Beauty x *M. floribunda* 821) x 9433-2-8 (Rome Beauty x *M. floribunda* 821). Comments:: Scab resistance from *M. floribunda* 821; very good mildew resistance; excellent cedar rust resistance; good life in storage (4-5 month). Oct. 9, 2 3/8 - 3", oblate-round to round, bright 50-100% very bright red on a green-yellow to pale yellow ground, conspicuous lenticels, flesh is crisp, full-flavored moderately juicy to juicy; attractive; slight astringence in skin.

The following were developed by D.F. Dayton. Donated by Jeff Crosby, Purdue University, Dept. of Botany & Plant Pathology, Lilly Hall of Life Sciences, West Lafayette, Indiana 47909, United States. Received 09/18/1987.

PI 589818. *Malus domestica* Borkh.

Mildew Immune Seedling. Pedigree - 'Starking Delicious' open