

PI 589953. *Malus domestica* Borkh.

Co-op 17. Pedigree - Ill #2(Winesap o.p.) x 668-100<Melrose x 14-126[Golden Delicious x "F2"26829-2-2]> Selected 10/17/71. Comments:: Scab resistance from *M. floribunda* 821. Oct. 28, 2 1/8 - 2 3/4", round, blushed yellow, 100% red, yellow to pale-yellow ground, flesh pale yellow to cream, firm, tough, bland, slightly bitter, slightly aromatic; very attractive; very long in refrigerated storage (6-8 months) Goonewardene: resistance to apple maggot, plum curculio and red banded leaf roller.

The following were developed by D.F. Dayton. Donated by Hilary F. Goonewardene, Purdue University, Dept. of Entomology, Entomology Hall, W. Lafayette, Indiana 47907, United States. Received 08/25/1988.

PI 589954. *Malus domestica* Borkh.

PRI 1042-102. Pedigree - 'Idared' x 187-6('Delicious' x 49-102[Jonathan x "F2"26829-2-2]) Selected 10/15/65. Comments:: Oct. 16, 2 1/8 - 2 1/3, oblong-round to round, washed medium 50-100% red, yellow ground, flesh, white, crisp, tough, attractive. Scab resistant from *M. floribunda* 821; 5 generations from source. Goonewardene: resistant to powdery mildew and plum curculio.

The following were developed by Morton Arboretum, Lisle, Illinois, United States. Donated by Jeff Crosby, Purdue University, Dept. of Botany & Plant Pathology, Lilly Hall of Life Sciences, West Lafayette, Indiana 47909, United States. Received 08/25/1988.

PI 589955. *Malus micromalus* Makino

Pedigree - 245-38 resembles the specific description given by Rehder in 1940.

The following were donated by Jeff Crosby, Purdue University, Dept. of Botany & Plant Pathology, Lilly Hall of Life Sciences, West Lafayette, Indiana 47909, United States. Received 08/25/1988.

PI 589956. *Malus domestica* Borkh.

Antonovka 172670-B.

PI 589957. *Malus domestica* Borkh.

MA #1255.

PI 589958. *Malus domestica* Borkh.

MA # 4.

PI 589959. *Malus domestica* Borkh.

MA # 8.

PI 589960. *Malus domestica* Borkh.

MA # 16.

The following were developed by L.F. Hough, Rutgers University, Department of Horticulture, New Brunswick, New Jersey, United States; J.B. Mowry; Catherine H. Bailey. Donated by Rutgers Fruit Research Center, Cream Ridge, New Jersey 08514, United States. Received 08/29/1988.

PI 589961. *Malus domestica* Borkh.

Sir Prize. Pedigree - Doud Golden Delicious (2-4-4) x PRI 14-152 (Golden Delicious x F2 26829-2-2. F2 26829-2-2 is result of cross between 2 selections of Rome Beauty and *Malus floribunda* 821. Cross made