

Acidic, small fruit size, uneven fruit drop, heavy fruit drop, inadequate storage life.

The following were developed by Purdue University, Indiana Agr. Exp. Station, West Lafayette, Indiana 47907, United States. Donated by Jules Janick, Purdue University, Department of Horticulture, West Lafayette, Indiana 47907-1165, United States. Received 04/19/1993.

**PI 590192. Malus hybrid**

Co-op 3. Pedigree - N.J. 8 x PRI 558-1 (Williams et al. 1967).  
Comments:: Fruit: 57-70 mm; round to short conic; green yellow to yellow ground color; bright finish; slightly striped, 60-80% med. red; med. grained, white to cream colored, slightly crisp yet tender flesh at harvest, softening after 3 wks in storage; bland, spritely acid; mod. juicy. Mature 5 wks before Delicious. Tree: semi-vigorous, spreading. Field immune to apple scab; good resistance to powdery mildew; susceptible to fire blight; highly resistant to cedar-apple rust. Insufficient flavor; tender flesh; small fruit; uneven ripening; tendency to drop; short storage.

The following were developed by University of Illinois, Urbana, Illinois, United States. Donated by Jules Janick, Purdue University, Department of Horticulture, West Lafayette, Indiana 47907-1165, United States. Received 04/19/1993.

**PI 590193. Malus hybrid**

Co-op 6. Pedigree - PRI 558-1 x 'Mollie's Delicious' (Williams et al. 1972). Comments:: Fruit: 70-76 mm; conic to long conic; green-yellow to yellow ground color; bright finish; slightly striped 75% light to med. red; fine grained, tough skin; cream colored, moderately tough, tender flesh; spritely acid, bland; juicy. Matures 5 1/2 wks before Delicious. Tree: vigorous, somewhat lanky and bare wooded branches. Field immune to apple scab; good level of resistance to powdery mildew; susceptible to cedar-apple rust; susceptible to fire blight. Acidic, insufficient flavor; tender flesh; poor coloring; uneven ripening; heavy drop; no storage. Problems severe for further consid.

The following were developed by Purdue University, Indiana Agr. Exp. Station, West Lafayette, Indiana 47907, United States. Donated by Jules Janick, Purdue University, Department of Horticulture, West Lafayette, Indiana 47907-1165, United States. Received 04/19/1993.

**PI 590194. Malus hybrid**

Co-op 7. Pedigree - PRI 1018-9 x N.J. 154955 (Williams et al. 1972).  
Comments:: Fruit: 70-76 mm; or more; round to short conic; yellow ground; bright finish; heavily splashed, slightly striped, mottled some years, 70-80% med. red, attractive; med. grained; cream colored crisp & breaking flesh; sweet to mildly sub-acid & slightly aromatic in flavor; moderately juicy. Large fruit size. Fruit hangs until over-ripe. Matures 5 wks before Delicious. Tree: vigorous, highly vegetative and branching; moderately biennial. Field immune to apple scab; susceptible to powdery mildew; highly resistant to cedar-apple rust; mod. resistant to fire blight. Poor growth habit.

**PI 590195. Malus hybrid**

Co-op 8. Pedigree - PRI 558-1 x 'Millie's Delicious' (Williams et al. 1972). Comments:: Fruit: 76 mm or more (3+"); round-conic w/distinctive, pointed narrow calyx end; green-yellow to pale-yellow ground; bright finish; blushed 60-85% light-med. red; attractive; med. grained, cream colored, firm to crisp & slightly breaking flesh; mildly sub-acid, bland; juicy. Some drop tendency; Matures 2 1/2 wks before Delicious.