

after Golden Delicious, but storage life superior.

PI 590217. Malus hybrid

Co-op 37. Pedigree - Golden Delicious x Coop-17 [Pri 1689-100] (Illinois #2{Winesap open pollinated} x PRI 668-100) Cross made 1972; selected in 1980 by E.B. Williams; tested as HER4T20. Comments:: Fruit: 2 5/8 to 3", short conic to conic; skin green-yellow at harvest maturing to yellow, smooth, glossy finish with little russet, moderately thick, tender; flesh pale yellow to cream, firm, very crisp & breaking, yet melting, juicy, medium to fine grained; flavor moderately acid, rich, slightly aromatic, full flavored, juicy. Tree: moderately vigorous, standard, round top, semi-spur type bearing habit with some biennial tendencies. Good over-all disease resistance. Smaller and maturing a week after Golden Delicious, but storage life superior.

PI 590218. Malus hybrid

Goldrush. Pedigree - Golden Delicious x Coop 17 [PRI 1689-100] (Illinois #2{Winesap open pollinated} x PRI 668-100) Cross made 1972; selected 1980 by E.B. Williams; tested as HER4T16. Comments:: Fruit: 2.75 to 3" ovate to short conic, regular; skin green-yellow at harvest, maturing to saffron yellow, smooth non-waxy finish, russetted conspicuous lenticels, tender, thin to medium thickness; flesh pale yellow, medium coarse grain-ed, very firm, very crisp & breaking; flavor, rich, spicy acid at harvest, mellowing in storage. Tree: moderate vigor slightly upright spreading, highly desirable growth & bearing habit, heavy producer. Disease resistant but rust susceptible. Long term winter storage apple. [Good quality].

The following were donated by Larry L. McGraw, Sheep Rock Nursery, Kimberly, Oregon 97848, United States. Received 03/25/1994.

PI 590219. Malus domestica Borkh.

Green Newtown Pippin. Pedigree - Possible sport of Yellow Newtown Pippin or possibly Yellow Newtown Pippin is a sport of Green Newtown Pippin. Green and Yellow first differentiated in 1817. Comments:: Height: Original 100 year old tree about 20' tall- Dwarfish. Upright, spreacking; branches, limbs contorted. Generally a tip bearer, few spurs. Fruit: med.-large, unsymmetrical, abundant bearer, can be biennial. Shape rather oblate & irregular. A nice yellow in storage, waxy, crisp, juicy, firm and flavorful-fresh use. A very nice processing fruit. Scale is not evident, little mildew. Leaf acuminate, serrate, rather glabrous, med.-large; petiole 47mm-clubbed. Sometimes aphids at terminal. The contortion may be of gene value is breeding to an up-right, desired, tree form.

The following were developed by USDA, ARS, Georgia Mountain Branch Exp. Sta., Blairsville, Georgia, United States. Donated by James N. Cummins, New York State Agric. Exp. Station, Department of Horticultural Sciences, Geneva, New York 14456-0462, United States. Received 03/25/1994.

PI 590220. Malus domestica Borkh.

Hardy Cumberland. Pedigree - Lyons ? x Detroit Red; Cross made at Blacksburg, VA, 1961. Comments:: Fruit: large, >70mm; shape round-oblate; color 80% washed and striped carmine; flesh cream-colored; flavor balanced aroma and acidity; eating quality excellent; not bitter pit. Harvest season slight ? than Rome Beauty Tree: size 90% the size of Golden Delicious tree; hardy, survived -25 degrees F without injury; no serious disease problems.

The following were donated by Unknown. Received 09/02/1994.