

cracks, rot spots on surface, unattractive; flesh firm, green cream colored, watercore; flavor slightly acid; eating quality fair to poor; harvest date late September, 2 wks before Delicious. Three: Tetraploid, fruits drop as they ripen. Use: no commercial value. Tetraploid.

**PI 589328. *Malus domestica* Borkh.**

Alpha 68B. Comments:: Fruit: Very large, up to 100 mm; skin color 5-50% dull red stripes; green ground color, some russet, sunburn, skin cracks, rot spots on surface, unattractive; flesh firm, greenish cream-colored, watercore; flavor slightly acid; eating quality fair to poor; harvest date late September, 2 wks before Delicious. Tree: Tetraploid, fruits drop as they ripen. Use: no commercial value. Tetraploid.

The following were developed by I.V. Michurin, Mogiley, Former Soviet Union. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 08/04/1986.

**PI 589329. *Malus domestica* Borkh.**

Antonovka Polutorafuntovaya. Pedigree - Probably a sport of Antonovka. Discovered 1888; introduced 1892. Comments:: Size medium to large 66-86; 55-65 mm; shape intermediate to flat, truncate-conic, convex to straight, ribbed at eye, prominent ribs on body; skin green flushed buff; flesh soft, greenish white; flavour subacid; season mid.

The following were developed by Missouri Fruit Expt. Sta., Mountain Grove, Missouri, 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 08/04/1986.

**PI 589330. *Malus domestica* Borkh.**

Conrad. Pedigree - Ben Davis x Jonathan; selected 1920; introd. 1935. Comments:: Fruit: large; roundish to conic; skin almost entirely red, resembles Jonathan in appearance; flesh white, crisp, firm, moderately juicy, quality good, flavor tart, fine-grained; ripens about 1 week after Jonathan; stores well; not subject to preharvest drop. Tree: vigorous; bears large crops annually; less susceptible to scab than Jonathan, but resistant to several diseases.

The following were donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 08/04/1986.

**PI 589331. *Malus prunifolia* (Willd.) Borkh.**

Xanthocarpa NA3604. Comments:: Flowers: single; pink. Fruit: 20-25 mm; yellow; round; ripening season late. Tree: heavily productive.

**PI 589332. *Malus coronaria* (L.) Miller**

Comments:: Flower: single (some forms double): 40 mm; bright rose as they open then nearly white, fragrant. Fruit: yellow-green; hard; oblate (depressed at ends) 25 mm; calyx persistent; greasy; sour, inedible. Tree: annual bearer; leaves lobed. Pink-white flowers; green, greasy fruits.

**PI 589333. *Malus prunifolia* (Willd.) Borkh.**

DE 279. Collected in Unknown. NE Asia; introduced into US before 1831; possible a hybrid species. Comments:: Flowers: single; 30 mm wide; pink and white. Fruit. 20 mm; yellow-green to red; calyx persistent. Tree: large. Leaves: not lobed. Used as rootstock for cultivated apples in