

Northwestern Arkansas. Comments:: Flatish round, medium size fruit. Almost solid red over green background with prominent white or russet dots. Tender crisp, juicy flesh. Most refreshing flavor. Crops very well every year. Ripens in early October.

The following were developed by W.R. Putnam. Donated by Charles Putensen, 1906 350th Street, Spencer, Iowa 51301-7456, United States. Received 01/09/1989.

**PI 590023. *Malus domestica* Borkh.**

Gilliflower. Collected in Unknown. England. Pedigree - First mentioned 1629 among others grafted in the U.S. and cited in the "Ohio Cultivator" August 1, 1846. Comments:: Size large 83:76 mm; shape very uneven, conic, prominently ribbed on body and at eye; skin pale yellowish green flushed red, greasy; flesh tender, white; flavor sweet; season mid to late.

The following were donated by Charles Putensen, 1906 350th Street, Spencer, Iowa 51301-7456, United States. Received 01/09/1989.

**PI 590024. *Malus domestica* Borkh.**

Longfield. Pedigree - Described as Pepinka Letovskaya in 1903. Imported by USDA from Russia in 1870. Comments:: Size medium, shape intermediate to tall, rectangular to truncate-conic, convex, ribbed at eye; skin pale yellow, flushed pink, greenish or whitish dots; flesh very tender, loose texture, white; flavor sweet, subacid; season mid to late; tree spreading.

**PI 590025. *Malus domestica* Borkh.**

Anisim. Comments:: Cold hardy - seemed to have been used in crosses for cold hardiness tests. Per Hansen, "Tree a strong grower in the nursery and orchard and a prodigious bearer; young trees upright, spreading with age -- the beautiful color ... attracts favorable attention".

The following were developed by Stark Bros. Nursery, Iowa, United States. Donated by Charles Putensen, 1906 350th Street, Spencer, Iowa 51301-7456, United States. Received 01/09/1989.

**PI 590026. *Malus domestica* Borkh.**

Hawkeye. Collected in Unknown. Originated as a sprout from a rootstock on the farm of Jesse Hiatt near Perex, Iowa, United States. Pedigree - Originated circa 1880; introduced U.S.A. 1895; England around 1912. Comments:: Size medium 64-58 mm; shape intermediate truncate-conic, straight, prominently ribbed on body and at eye; skin green- ish yellow with red flush and stripes; flesh firm, crisp, creamy white; flavor sweet distinctive; season late; fairly late flowering.

The following were donated by John K. Clements, 24062 Riverside Drive NE, St. Paul, Oregon 97137, United States. Received 02/24/1989.

**PI 590027. *Malus domestica* Borkh.**

Benham. Comments:: Some disease resistance.

The following were collected by T.R. Dudley, U.S. National Arboretum, USDA-ARS-NA, 3501 New York Ave. NE, Washington, District of Columbia 20002, United States. Donated by Rob Nicholson, The Arnold Arboretum of Harvard Univ., The Arborway, Jamaica Plain, Massachusetts 02130, United States. Received 03/22/1989.