

The following were collected by N.K. Fluke. Developed by N.E. Hansen, Agricultural College of South Dakota, Brookings, South Dakota, United States. Donated by R.M. Peterson, South Dakota State University, Dept. of Horticulture, Brookings, South Dakota 57006, United States. Received 03/30/1987.

PI 589634. *Malus domestica* Borkh.

Mercer. Collected 1892 in United States. Sherrard Mercer County, Illinois, around 1892. Pedigree - Wild. Comments:: Flower: 4-5 in cluster, 5 petals, rose-pink buds Fruit: Yellow, oblate, 2 5/8" diam; tree: especially prod- uctive when top grafter on Hibernial apple; beautiful in bloom. Flavor; acid acerb. Used mainly for jelly or adding quince-like flavor to apple sauce. *Additional Lit. Cit. Comm. R.M. Jefferson.

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PI 589635. *Malus domestica* Borkh.

Wecota. Pedigree - Nevis wild crab x Northwestern Greening Apple sibling: Wetonka Intro: 1929. Comments:: Fruit: 2 " diam. round, yellow-green skin, oily; flavor acid not very acerb, cooks up softer than others with less wild crab flavor. Season all winter. Winter crabs for the FAR NORTH, the Wecota and Wetonka are the first two hybrids of the wild crab from Nevis, Minnesota, the farthest northern point where species found wild. Can stand severe freezing; has shown some scab infection.

PI 589636. *Malus domestica* Borkh.

Wiyuta. Pedigree - Nevis Minnesota wild crab (*Pyrus Ioensis*) x Wolf River apple. Intro: 1939. Comments:: Fruit: 2 1/2" across; 2" deep, round, slightly truncated, regular, much striped and marbled red over greenish yellow; cavity with much green out over base. A great improvment, when cooked, over the Nevis wild crab. Season all winter and spring.

PI 589637. *Malus domestica* Borkh.

Ivan. Pedigree - Intro: 1916. Comments:: Flower: 5-7 in cluster; 5 petals; Fruit: noteworthy for the calyx segments being absent in the ripe fruit, the same as in the pure Siberian crab (*Pyrus baccata*). Fully one and three-fourths inches in diameter, roundish oblate, good color, marbled with stripes and orange, red, acid. Mature mid-September. Tree: small, attractive, winter hardiness.

PI 589638. *Malus domestica* Borkh.

Erl Trio. Pedigree - Fluke No. 10 x *Pyrus baccata* x Dolgo crab Intro: 1938. Comments:: Fruit: 1 1/2" across, solid dull red over green ground. Flesh: subacid, juicy, white, red next to skin, retains form in cooking, but is not acerb. Tree: strong forks and heavy bearer. All winter keeper.

PI 589639. *Malus domestica* Borkh.

South Dakota Winter. Pedigree - Red Vein x *M. ioensis* va. Elk River Intro: 1942. Comments:: Fruit: 1 1/2" diam. oblate with a long stem; flesh white, firm, juicy, and slightly acid. Tree: vigorous, hardy with attractive foliage; makes good sauce, even after freezing - keeps well.

PI 589640. *Malus domestica* Borkh.

Wakapala. Pedigree - Mercer crab x Tolman Sweet apple pollen. 3/4