

# KRYMSK® 7

**Krymsk® 7** is a unique rootstock for sweet cherry, showing similar precocity and vigor to Mahaleb.

Cherry trees on Krymsk® 7 tolerate high temperatures.

Compared with Mahaleb, Krymsk® 7 is more tolerant of soil moisture extremes.

Krymsk® 7 is well suited to varieties needing improved precocity over Colt and Mazzard. Fruit maturity may be advanced by 1 to 3 days relative to Mazzard.

Krymsk® 7 is not sensitive to the pollen spread ILAR viruses. It is cold hardy and stress tolerant. Krymsk® 7 is adapted to a wide range of soil and growing conditions.

**PARENTAGE:** P. lannesiana (P. serrulata - Japanese Cherry)

**ORIGIN:** Krymsk Experimental Breeding Station, Krasnodar Region, Russia

**OLDEST TEST SITES IN THE US:** Sweet cherries--2005 in California.

**COMPATIBILITY:** Sweet cherries. Sour cherry compatibility unknown.

**VIGOR:** 90% of Mazzard seedling. Equivalent to Mahaleb.

**GROWTH UNIFORMITY:** Excellent.

**ANCHORAGE:** Good.

**PRECOCITY:** More precocious than Mazzard and Colt. Slightly more precocious than Mahaleb.

**YIELD EFFICIENCY:** Good with sweet cherry. Similar or better fruit size than Mahaleb.

**FRUIT MATURITY:** Fruit ripens 1-3 days ahead of Mazzard, similar to Mahaleb.

**SUCKERING:** Produces very few trunk and root suckers.

**CHILLING REQUIREMENT:** High, similar to Mazzard.

**COLD HARDINESS:** Excellent for all but the coldest growing sites in the US.

**NEMATODE RESISTANCE:** Unknown. No problems have been encountered.

**EFFECT OF ROOTSTOCK ON BACTERIAL CANKER SUSCEPTIBILITY:**

Unknown.

**OAK ROOT FUNGUS TOLERANCE:** Untested.

**PHYTOPHTHORA SENSITIVITY:** No problems reported.

**VERTICILLIUM RESISTANCE:** Unknown.

**DISEASE PROBLEMS—OTHER:** Not sensitive to ILAR virus.

**ASPHEXIA TOLERANCE:**

Good – much better than Mahaleb.

**DROUGHT TOLERANCE:**

More tolerant than Gisela® rootstocks, to low soil moisture and high temperature stress..

**CROWN GALL SUSCEPTIBILITY:**

Level of susceptibility is unknown, but not extreme.

**PH TOLERANCE:**

Unknown.

**CALCAREOUS SOIL TOLERANCE:**

Unknown.