

KRYMSK® 6

Krymsk® 6 has been gaining popularity over the past few years as an upgrade over Colt, as well as an alternative to expensive Gisela® rootstocks.

Considering the information already gathered, Krymsk®6 rootstock is an interesting rootstock for sweet cherries providing vigor control and precocity. The vigor is about 70% of Mazzard seedling vigor. Krymsk® 6 appears less sensitive to soil moisture stress than many other precocious rootstocks. Krymsk®6 is well anchored with little to no union overgrowth.

PARENTAGE: P. cerasus x (P. cerasus x P. maackii)

ORIGIN: Krymsk Experimental Breeding Station, Krasnodar Region, Russia

OLDEST TEST SITES IN THE US: Sweet cherries—2000 in California, Oregon, Washington and New York.

COMPATIBILITY: Sweet cherries Graft union similar to Gisela® 5.

VIGOR: 70% of Mazzard seedling.

GROWTH UNIFORMITY: Excellent.

ANCHORAGE: Good.

PRECOCITY: Similar to Gisela®6.

YIELD EFFICIENCY: Good with sweet cherry. Crop load management needed to keep fruit size up.

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

SUCKERING: Produces some trunk and root suckers. Can be excessive in heavy soils.

CHILLING REQUIREMENT: Appears to be higher than Mazzard seedling.

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

NEMATODE RESISTANCE: Resistant to Rootknot Nematode.

EFFECT OF ROOTSTOCK ON BACTERIAL CANKER SUSCEPTIBILITY: Good. Better than Mazzard.

OAK ROOT FUNGUS TOLERANCE: Untested.

PHYTOPHTHORA SENSITIVITY: Untested.

VERTICILLIUM RESISTANCE: Unknown.

DISEASE PROBLEMS—OTHER: Very sensitive to PNRS and PDV viruses.

ASPHEXIA TOLERANCE: More experience is needed.

DROUGHT TOLERANCE: More tolerant of low soil moisture stress than Gisela® rootstocks.

CROWN GALL SUSCEPTIBILITY: Level of susceptibility is unknown, but not extreme.

PH TOLERANCE: Good. (8 to 8.5)

CALCAREOUS SOIL TOLERANCE: Moderate.