



PROGRESSIVE GENETICS GROUP™

ADVANCED CLONAL ROOTSTOCKS FOR TOMORROW'S ORCHARDISTS

Krymsk® 6 (cv. LC 52) USPP#16,114

Krymsk® 6 is a promising sweet cherry rootstock having more precocity than Mazzard or Colt, yet not as precocious as the Gisela® series. Krymsk® 6 has more precocity and about 10% less vigor than Krymsk® 5. Krymsk® 6 has tolerance to stress conditions, such as high temperatures and low soil moisture. Krymsk® 6 is well suited to varieties needing improved precocity. Fruit maturity may be advanced by 1 to 3 days relative to Mazzard. Krymsk® 6 is sensitive to the pollen spread ILAR viruses and can produce many suckers in heavy soils.

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 and many sour cherries (Montmorency not tested). Graft union similar to Gisela® 5.

VIGOR: 70% of Mazzard seedling.

GROWTH UNIFORMITY: Excellent.

ANCHORAGE: No problems reported.

PRECOCITY: More precocious than Krymsk® 5..

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

FRUIT MATURITY: Fruit may ripen 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: 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: Very sensitive to PNRS and PDV viruses.

ASPHEXIA TOLERANCE: More experience is needed.

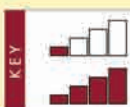
DROUGHT TOLERANCE: More tolerant of low soil moisture and high temperature stress than Gisela® rootstocks.

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

HIGH pH TOLERANCE: Unknown.

CALCAREOUS SOIL TOLERANCE: Moderate.

How confident are we in this information?



Low Confidence—more observations needed
Very Confident



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