



PROGRESSIVE GENETICS GROUP™

ADVANCED CLONAL ROOTSTOCKS FOR TOMORROW'S ORCHARDISTS

Bright's Hybrid® 5

(cv. Arthur V) USPP# 18,782

Bright's Hybrid® (selection 5) is an advanced selection of one of the most popular peach/almond hybrid rootstocks. Bright's Hybrid® 5 is moderately vigorous for a peach-almond hybrid, nematode resistant, deep rooting, well anchored, and drought tolerant. Vigor and productivity are superior to Nemaguard. The anchorage is similar to other well-anchored peach almond hybrids. It has excellent Rootknot Nematode resistance. Clonal propagation of this rootstock provides more uniform growth and performance than Bright's Hybrid® from seed. This selection was a survivor in an orchard with high pH due to excess calcium.

PARENTAGE: Peach x Almond hybrid

ORIGIN: Bright's Nursery, Inc.,
Le Grande, CA

OLDEST TEST SITES IN THE US: 2004 in California with Almonds

COMPATIBILITY: Almonds, peach, plum (European and Japanese), and apricots.

VIGOR: In good peach soil, 120% of Nemaguard.

GROWTH UNIFORMITY: Excellent. Rootstock is clonally propagated, not seed propagated.

ROOTSTOCK INDUCED TREE FORM: More spreading than Nemaguard.

ANCHORAGE: Good, similar to other peach x almond rootstocks.

YIELD EFFICIENCY: With almond, yield efficiency is similar to Nemaguard.

SUCKERING: Produces virtually no suckers.

CHILLING REQUIREMENT: Appears similar to Nemaguard.

COLD HARDINESS: Unknown

NEMATODE RESISTANCE: Excellent resistance to Rootknot Nematode. Low susceptibility to Lesion Nematode. Ring Nematode resistance is unknown, but not likely present.

EFFECT OF ROOTSTOCK ON BACTERIAL CANKER SUSCEPTIBILITY: Unknown. Presumed to be more susceptible than Nemaguard.

OAK ROOT FUNGUS TOLERANCE: Untested

PHYTOPHTHORA SENSITIVITY: Unknown

VERTICILLIUM RESISTANCE: Good

ASPHEXIA TOLERANCE: Unknown

DROUGHT TOLERANCE: Due to deep rooting, it is presumed to have some drought tolerance

CROWN GALL SUSCEPTIBILITY: Unknown, but not extreme.

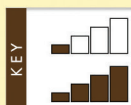
HIGH PH TOLERANCE: Selected as a survivor in an orchard with high pH due to excess calcium.

CALCAREOUS SOIL TOLERANCE: Good.

REPLANT DISORDER SUSCEPTIBILITY: Good. Similar to Hansen 536

PROPAGATION METHODS: In Vitro culture.

How confident are we in this information?



Low Confidence—more observations needed

Very Confident



