



PROGRESSIVE GENETICS GROUP™

ADVANCED CLONAL ROOTSTOCKS FOR TOMORROW'S ORCHARDISTS

Bright's Hybrid®

(cv. Arthur V) USPP# 18,782 P3

Bright's Hybrid® (selection 5) is an advanced selection of one of the most popular peach/almond hybrid rootstocks. Bright's Hybrid® is vigorous, nematode resistant, deep rooting, well anchored, and drought tolerant. Vigor and productivity are similar to Nemaguard. The anchorage is similar to other 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, 95% 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 very few trunk 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: Unknown.

ASPHEXIA TOLERANCE: Unknown

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

CROWN GALL SUSCEPTIBILITY: Unknown, 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: Similar to Nemaguard.

PROPAGATION METHODS: In Vitro culture.

How confident are we in this information?



Low Confidence—more observations needed

Very Confident

OVERALL CONFIDENCE:



Bright's Hybrid 5



5320 Garden Hwy, Yuba City, CA 95991
(530)674-1145 • (800)243-4653