



Additional Rootstocks Comparison

ROOTSTOCK	ADVANTAGES	DISADVANTAGES
CORNERSTONE <i>(PP#21,248)</i> Use with almonds and stone fruits.	Deep rooting, red leaf hybrid. Better Phytophthora and drought tolerance than Hansen. Good in high pH and resistance to iron induced chlorosis. Good for heavy soils.	Very vigorous clone. Will make a large tree. Still experimental with most peaches and nectarines. Hasn't been tested with all varieties.
GUARDIAN® <i>(BY520-9)</i> Use with stone fruits.	Resistant to ring nematode, a leading cause of Peach Tree Short Life (PTSL). Resistant to root knot nematodes. Fairly vigorous.	Used mainly in the Southeast United States. Unknown adaptability in other regions.
FLORDAGUARD Prunus persica peach seedling. Use with peaches, nectarines, plums, and apricots.	A low chill peach rootstock that causes early bud break of 3–5 days in some years. Resistant to root knot nematodes.	Does not tolerate high pH soils.
M-40 <i>(PP#11,404)</i>	A Marianna 26-24 selection that roots deeper and has less suckers. Good in wet soils.	Not compatible with all almond varieties. Same as Marianna 26-24.
VLACH PARADOX NCB X English walnut hybrid seedling (grown from tissue culture). Use with walnuts.	A vigorous paradox cloned from a surviving tree planted in 1904. Chosen for its longevity, vigor and overall health. Trees on this rootstock will be comparable to trees on paradox seedlings. Vlach has shown less susceptibility to lesion nematode and slightly more resistance to crown gall and Phytophthora.	
VX211 PARADOX <i>(PP#21,179)</i>	VX211 paradox is considered lesion nematode “tolerant” as it survives and grows vigorously in soils with high lesion nematode populations. The variety also shows average or superior vigor in nursery and preliminary field tests.	Variety has shown considerable promise in greenhouse and/or field test for reduced susceptibility to Phytophthora citricola.
RX1 PARADOX <i>(PP#20,649)</i>	RX1 paradox is moderately resistant to Phytophthora and is currently being tested for response to nematodes. The variety also shows average or superior vigor in nursery and preliminary field tests.	Resistance to crown gall unknown.
Controller 5* <i>(CV K146-43) (PP#15,228)</i>	A dwarfing rootstock that will reduce the size of the scion cultivar to between 50 and 60% of the size of trees growing on Nemaguard rootstock.	Moderately susceptible to root knot nematodes and probably not inherently resistant to numerous soil pathogens.
Controller 9* <i>(CV P30-135) (PP#15,225)</i>	A dwarfing rootstock that will reduce the size of the scion cultivar to between 90% of the size of trees growing on Nemaguard rootstock.	Moderately susceptible to root knot nematodes and probably not inherently resistant to numerous soil pathogens.
GISELA® 5 <i>(PP#9622)</i> GISELA® 6 <i>(PP#8954)</i> GISELA® 12 <i>(PP#9631)</i>	Refer to Gisela Rootstocks for Cherries chart.	
M-9 EMLA-26 EMLA-7 EMLA-111 (apple layered cutting)	Refer to Apple Rootstocks chart.	

* Royalty item