

Apple Rootstocks

All the listed rootstocks are very hardy and are certified virus free. All the apple rootstocks are compatible with all apple varieties and produce trees that live 75 years or much longer. We are offering the newer Geneva rootstocks which are proven to induce superior productivity in commercial orchards, but may have other issues for the backyard grower.

EMLA 27 Maintain at 5 to 8 foot height and width. Great choice for containers or growing in the ground. Induces early heavy bearing. Because it's a mini dwarf, start its first branches one to two feet above the ground. Benefits from staking. Thrives on a variety of soils. Long proven and reliable. From England's East Malling and Leigh Ashton stations.

BUD 9 Maintain at 6 to 10 foot height and width. Great choice for containers or growing in the ground. Induces early heavy bearing. Used commercially for trees grown on trellises. It requires permanent staking. Thrives on a variety of soils. Long proven and reliable. Very winter hardy. Often used as an interstem with EMLA 111 to make a very well rooted but very dwarfed tree.

GENEVA 41 Maintain at 7 to 10 foot height. A newer rootstock from the Cornell New York Geneva research program. The rootstock is prized for its productiveness and resistance to replant diseases. However, it has some drawbacks: It's brittle in the graft union, the wood and the roots and must be staked. Most nursery owners say it ranks among the highest in losses but growers contend that can be overcome by early trellising, careful digging and gentle handling.

EMLA 26 Maintain at 10 to 15 foot height. Makes a dwarf tree that is well anchored, reliable and productive. Though if not maintained it can grow more than 15' tall in our area, it is easily managed

from the ground and produces bushels of apples. It doesn't sucker and grows well on a variety of soils and usually doesn't require staking. It is reported to not perform well when replanted where an apple tree was planted before.

EMLA 7 Maintain at 13 to 18 foot height. Makes a semi dwarf tree that is well anchored, reliable and productive.

GENEVA 30 A newer rootstock from New York. Maintain at 10 to 15 foot height. It is very productive, tolerant of replant disease and root rot resistant. It has some suckering and may need staking on some sites. Its latent buds can make it harder to successfully bench graft. All the Geneva rootstocks were developed for commercial orchards that use virus free scionwood. Most of the scions of varieties we offer are not virus free. While Geneva 30 is not among the worst Geneva selections for dying from scion induced viruses there are reports of that problem.

EMLA 111 Maintain at 16 to 20 feet in height. It has a great fibrous root system, excellent anchorage and does well on wetter soils. It makes a precocious, productive tree. The best candidate for the understock of an interstem tree. We can graft an EMLA 27 piece about six inches long on the EMLA 111 which can later be grafted to your chosen variety. This makes a dwarf tree maybe 10 feet tall, that can start bearing sooner, with the supportive roots of a much larger tree.

ANTONOVKA Makes a very winter hardy, stately full size apple tree that will grow 25 or more feet tall.

Cherry Rootstock

MAZZARD Makes a full size cherry tree. Can be kept smaller with pruning.

Plum, Apricot, Peach and Almond Rootstock

These Plum rootstocks are compatible with plum, apricot and almonds but not with cherries. Peaches don't graft well and are recommended for summer bud-grafting.

KRYMSK 1 This newer rootstock from Gennady Eremin in Russia has proven reliable for stone fruit growers in the U.S. It can be maintained at 10 to 15 feet in height and is widely compatible with plums and apricots and with some peaches. It does well on a variety of soils and produces some suckers.

MARIANNA 2624 An older rootstock, widely compatible with plums, apricots and most almonds, but not peaches. Makes an excellent tree in our area, best choice in wet soils. Usually more vigorous than the Krymsk 1, making a tree maintainable at 12 to 16 feet in height. Produces root suckers that need to be cut back each year.

Pear & Quince Rootstock

OLD HOME X FARMINGDALE 87 Trees can be maintained at 15 to 20 feet tall or even smaller with pruning. This is a rootstock developed in Oregon. It is compatible with European and Asian Pears. Also with Shipova and with medlars. It seems to be very productive and early bearing. It thrives on a variety of soils and does very well in our region.

PROVENCE QUINCE BA29C Trees can be maintained at 10 to 15 feet tall. Great choice for grafting Quinces. Some pears, including Comice are compatible so Comice could be used as an interstem. We don't know about the compatibility of most of our pear offerings so we recommend choosing the Old Home x Farmingdale pear rootstock for pears.