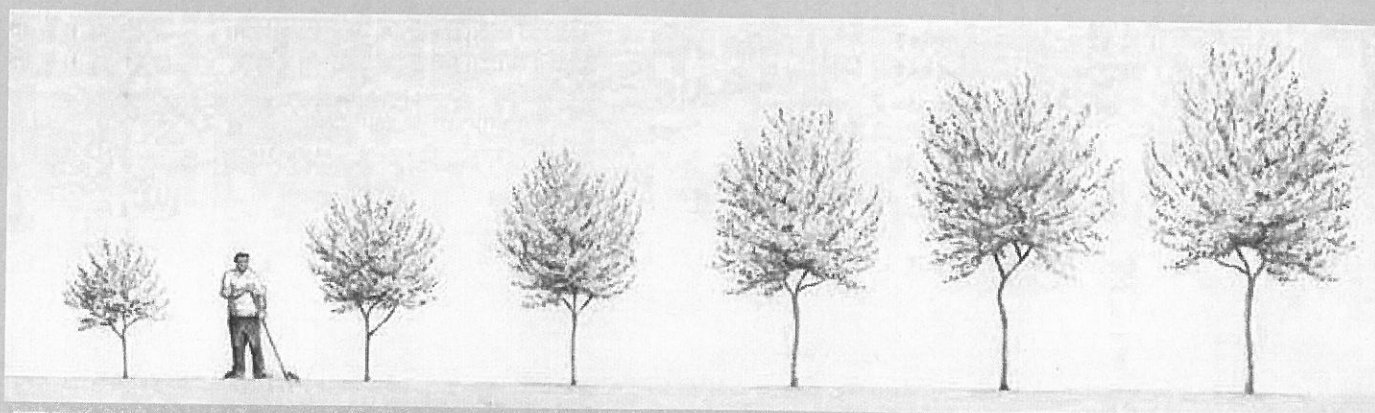


# Rootstocks explained

Fruit trees are grown on a range of rootstocks in order to control the rate of growth and the size of the mature tree. These tables show approximate size of mature trees and various suggested uses.



Very Dwarf		Dwarf		Semi Dwarf		Medium		Semi Vigorous		Vigorous		Very Vigorous	
Fruit	Rootstock	Fruit	Rootstock	Fruit	Rootstock	Fruit	Rootstock	Fruit	Rootstock	Fruit	Rootstock	Fruit	Rootstock
Apple	M27	Apple	M9	Apple	M26	Apple	M116	Apple	MM106	Apple	MM111	Apple	M25
		Pear	Quince C/ Quince Eline*	Plum	VVA-1	Apricot	Torinel/ St Julien A/ Wavit	Pear	Quince A	Pear	Pyrodwarf	Pear	Pyrus communis
		Cherry	Gisela 5	Gage	VVA-1	Peach	Krymsk 86/ St Julien A	Plum	St Julien A/ Wavit			Pear	Pyrus Kirchensaller
				Damson	VVA-1	Nectarine	Krymsk 86/ St Julien A	Gage	St Julien A/ Wavit			Cherry	F.12.1
								Cherry	Colt			Plum	Brompton

## Apples

**M.27 - Very Dwarf.** Produces the true mini tree, varieties reaching no more than 2 metres with little support required, excellent for the small garden.

**M.9 - Dwarf.** Very productive but needs permanent staking for support. Ideal for cordons.

**M.26 - Semi Dwarf.** Requires support on most sites. Good for bush and cordon in limited spaces.

**M.116 - Medium.** 10% less vigorous than MM.106, phytophthora/collar rot and woolly aphid resistant.

**MM.106 - Semi Vigorous.** General purpose, suitable for bush, cordon and half standards of most varieties, staking only required on sites which are exposed. Woolly aphid resistant.

**MM.111 - Vigorous.** As for MM106 but more ideal for half standards, no staking required.

**M.25 - Very Vigorous.** Ideal for full standard and straight leads.

## Almonds, Apricots, Damsons, Gages, Nectarines, Peaches, Plums

**VVA-1 - Semi Dwarf** with good fruit size, yield and winter hardiness.

**Torinel - Semi-Dwarf.** A specialist rootstock for improved fruiting yield and fruit size.

**Krymsk 86 - Medium.** Compatible with apricots, peaches and nectarines. More tolerant of heavy wet soils with better anchorage.

**Wavit - Semi Vigorous** A robust disease resistant, free standing and non suckering rootstock for plum, gage and damson, mirabelles and apricots proven to suit a wide range of soils and conditions. (SJA -10%)

**St. Julien 'A' - Semi Vigorous.** This is fully compatible with all plums, damsons, gages, peaches, nectarines and apricots and many ornamental prunus species.

**Brompton - Vigorous.** Ideal for standards.

## Cherries

**Gisela 5 - Dwarf.** 60% of Colt. Ideal for commercial orchards, gardens, and patio pots.

**Colt - Semi Vigorous.** Very productive and fully compatible with all sweet and flowering varieties, will contain trees to 4-5 metres.

**Prunus - F.12.1 Very Vigorous.** The best form of Prunus avium.

## Pears & Quinces

**Quince 'C' - Dwarf** and slightly earlier into cropping.

**Quince Eline® - Dwarf.** Similar size to Quince 'C' but more productive and hardy. Smoother fruit with less russetting.

**Quince 'A' - Semi Vigorous.** The ideal rootstock for bush trees.

**Pyrodwarf - Vigorous.** Specifically for perry varieties but useful for all pears for a robust tree with early fruiting.

**Pyrus communis - Very Vigorous.** More suitable for half standard and especially standard trees.

**Pyrus Kirchensaller - Very Vigorous.** A more uniform and productive selection of Pyrus communis.

## Vines

All our vines are grafted onto 'SO4' rootstock which is vigorous, suiting a range of soils and UK climate conditions.

Please see [www.frankpmatthews.com](http://www.frankpmatthews.com)  
for a thorough review of rootstocks - and why they are used.