

Grow Grafting Service

A specialist service from Grow at Brogdale.

Brogdale is the home of the National Fruit Collection and Grow at Brogdale is the on site specialist nursery that has for many years accessed the collection to produce heritage apples and pears from the thousands of varieties on offer.

For a lot of customers, the desire to own a heritage variety stems from tasting the fruit at one of our festivals or a resonant memory from their past. Another reason to access this process is create area specific orchards, most counties and countries have locally bred fruits and it is wonderful to re-establish this link.

Also , we provide a service to graft from a tree you want to preserve, last year over 1000 trees were 'duplicated' for a variety of customers. Sometimes the trees were of an unknown variety but obviously had personal significance; an added advantage was to start a fresh as a young tree with a modern rootstock.

HOW TO ORDER

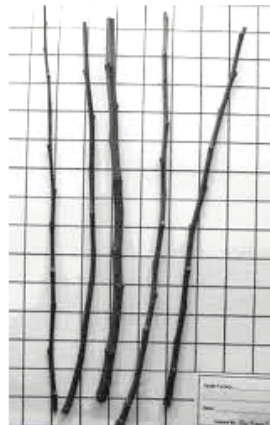
If you would like a variety grafted from The National Fruit Collection

Please check the National Fruit Collection Website and select the variety you require. We take 'Scion' wood from the collection in January and start grafting from that point. You can select the rootstock you want (charts below) and the tree should be ready for collection in the following late autumn. Grafting is not a precise science; we have a very low failure rate.

If you would like a tree grafted from your own wood

We ask that you carefully select a number of cuttings (scions, 3 minimum) of young wood (one year old) of straight pencil thickness or slightly better growth and pack and wrap in damp toilet/news paper and seal in a polythene bag and post. The best time to do this is in early January when the tree is dormant, which is also the best time to prune an apple or pear tree.

What should my scions look like when I send them to you



Good Scion Wood
Straight and pencil thick



Poor Scion Wood
Varying thickness and wonky!

Our grafting expert will advise you if the scion is untenable for the process quickly, the window to achieve the graft is quite short and some older trees are unsuitable for taking wood.

Post to –

**Grow Grafting Service
Grow At Brogdale
Brogdale Farm
Brogdale Road
Faversham
Kent
ME13 8XZ**

Telephone 01795 531888

Email: Fruit@brogdaleonline.co.uk

The cost of this service is £35.00 per graft. This process takes around 10 months . The grafted tree will be ready the following October onwards.

Our cut off date for receipt of graft orders is End of January.

We can deliver the tree for a cost of £14 for the first tree and £4 per tree thereafter.

Standard terms and conditions apply as in our price list except that failure in the graft process will result in a cost covering payment, which is 50% (£17.50). To re- graft a failure it is considered as a fresh order.



Understanding rootstocks

Our trees are grown on various root stocks. The information below will give you details about the likely size of your tree depending on the rootstock.

- M27 Very dwarfing: Ideal for step-overs, vertical cordons, patio trees
- M9 Dwarfing: For oblique cordons, step-overs, large potted trees
- M26 Semi-dwarfing: For bushes, half standards (best suited to lighter, richer soils)
- MM106 Semi-vigorous: for double cordons, trained trees, bushes, half standards
- M25 Very vigorous: Full Standards.

APPLES



Rootstock	M27	M9	M26	MM106	M25
Ultimate height	5-6 feet 1.5-2 metres	8-10 feet 2-3 metres	12-15 feet 3-3.5 metres	14-18 feet 4-4.5 metres	25-30 feet 7.5-9 metres
Uses	Vertical cordon Patio tree Step over Dwarf bush	Oblique cordon Step over Bush Central leader Pyramid	Oblique cordon Step over Bush Central leader Pyramid Small espalier	Double cordon Half standard Espalier Fan Bush Central leader	Standards
Fruiting in	2-3 years	3-4 years	3-4 years	3-4 years	6-7 years
Cropping potential	4-5 years 7kg	5-6 years 20kg	5-6 years 30kg	7-8 years 50kg	8-9 years 120kg
Planting distance	5-6 feet 1.5-2 metres	5-6 feet 1.5-2 metres	10 feet 3 metres	12 feet 3.5 metres	25-30 feet 8-9 metres
Soil/site	Good, deep fertile loam, clean ground, no competition from other plants. Not for heavy soils.	Good, deep fertile loam, clean ground, no competition from other plants. Not for heavy soil.	Good deep fertile loam. Allowing the grass to grow up to trunk will slow growth. Not for heavy soil.	Can tolerate heavier soils and more exposed sites. Suitable for planting where grass grows up to trunk.	Will tolerate most sites and soils. Good pest and disease resistance. Not for limited space.
Stake	Permanent	Permanent	5 years	5 years	5 years



Understanding rootstocks

Our trees are grown on various root stocks. The information below will give you details about the likely size of your tree depending on the rootstock.

PEARS			
Rootstock	QC	QA	PYC
Ultimate height	6-8 feet 2-2.5 metres	8-10 feet 2-3 metres	25-30 feet 3-3.5 metres
Uses	Cordon Bush Central leader	Fan Cordon Bush Half standard Espalier	Standard
Fruiting in	4 years	4 years	6-7 years
Cropping potential	6-7 years 30kg	7 years 50kg	8-9 years 120kg
Planting distance	6-10 feet 2-3 metres	10 feet 3 metres	25-30 feet 8-9 metres
Soil/site	Requires fertile soil which does not dry out quickly. Enjoys a thick mulching.	Suitable for most medium to heavy soils. Enjoys a thick mulching.	Will suit less than ideal conditions. Grass can be grown up to the trunk Enjoys a thick mulching.
Stake	Permanent	5 years	5 years

QA and QC are also used when growing quinces.