



## Seed Requirements

Tree & Shrub species		Function	Treatment (weeks of stratification)	Comment
Acacia spp.	Wattle	N Fixing Tree	Scarify	Sow in a warm greenhouse in March.
Alnus spp.	Alder	N Fixing Tree	8w	Sow on surface. Very fast growing
Araucaria araucana	Monkey Puzzle	Nut Tree	Not Dormant	Slow to germinate, best sown as soon as it is ripe in a cold frame or store cool and moist then sow in February in a greenhouse
Asimina Triloba	Pawpaw	Fruit Tree	13w	Slow to germinate, best sown as soon as it is ripe in a cold frame otherwise stratify.
Caragana aborescens	Siberian Pea Tree	N Fixing Tree	Scarify	Best sown as soon as it is ripe in a cold frame. Stored seed should be pre-soaked for 24 hours in warm water then sown in a cold frame.
Castanea spp.	Chestnut	Nut Tree	Not Dormant	Where possible sow the seed as soon as it is ripe in a cold frame or in a seed bed outdoors. The seed has a short viability and must not be allowed to become dry. It can be stored in a cool place, for a few months if it is kept moist.
Corylus spp.	Hazels	Nut Tree	16w	Best sown as soon as it is harvested in autumn in a cold frame. Stored seed should be pre-soaked in warm water for 48 hours and then given stratification treatment.
Crataegus spp.	Hawthorn	Fruiting Shrub	13 weeks, often need preceding 26 weeks of warmth	Double dormancy - 18 month, collect green in autumn to reduce dormancy. Slow to germinate may take a second year.
Cydonia oblonga	Quince	Fruit Tree	13w	Probably best sown in a cold frame as soon as it is ripe, it can also be sown in February after going it required stratification treatment.
Elaeagnus angustifolia	Oleaster	N Fixing Tree	13w	Best sown as soon as it is ripe in a cold frame. Stored seed can be very slow to germinate, often taking more than 18 months
Elaeagnus umbellata	Autumn Olive	N Fixing Tree	13w	Best sown as soon as it is ripe in a cold frame. Stored seed can be very slow to germinate, often taking more than 18 months.
Hippophae rhamnoides	Seaberry	N Fixing Tree/ Fruiting Shrub	17w	Sow spring in a sunny position in a cold frame after stratification. Alternatively the seed can be sown in a cold frame as soon as it is ripe in the autumn.
Juglans	Walnut/Heartnut/ Butternut	Nut Tree	13w	The seed is best sown as soon as it is ripe in individual deep pots in a cold frame. The seed can also be stored in cool moist conditions over the winter and sown in early spring but it may then require a period of cold stratification before it will germinate.
Lavandula spp.	Lavander	Flowering Shrub	Not Dormant	Sow spring in a greenhouse and only just cover the seed.
Lycium barbarum	Goji	Fruiting Shrub	Not Dormant	Sow early spring in a greenhouse
Malus Domestica	Apple	Fruit Tree	16w	Best sown as soon as it is ripe in the autumn in a cold frame. Soak stored seeds for 24 hours before stratification treatment and sow late winter in a cold frame.
Mespilus germanica	Medlar	Fruit Tree	13 weeks, often need preceding 26 weeks of warmth	The seed has a very hard and impermeable seedcoat and will not usually germinate until it has gone through two winters, if you can harvest the seed green then sow it immediately in a cold frame you might reduce the time needed for it to germinate
Morus spp.	Mulberies	Fruit Tree	13-16 weeks	Sow the seed as soon as it is ripe if possible, otherwise in February in a cold frame after giving it required stratification treatment.
Prunus persica	Peach	Fruit Tree	29 weeks, start in summer warm	Best sown in a cold frame as soon as it is ripe. Sow stored seed in a cold frame as early in the year as possible after giving it required stratification treatment.
Quercus spp.	Oak	Nut Tree	Not Dormant	Sow immediately in autumn. The seed has a short viability and must not be allowed to become dry. It can be stored in a cool place, for a few months if it is kept moist.
Robinia Pseudoacacia	Black Locust	N Fixing Tree	Scarify	Pre-soak for 48 hours in warm water and sow the seed in late winter in a cold frame.
Rosmarinus officinalis	Rosemary	Flowering Shrub	Not Dormant	Sow spring in a cold frame or greenhouse. Germination can be slow.
Salvia officinalis	Sage	Flowering Shrub	Not Dormant	Sow March/April in a greenhouse.
Sambucus spp.	Elderberry	Fruiting Shrub	39 weeks, start in summer warm	Best sown as soon as it is ripe in the autumn in a cold frame. Stored seed can be sown in the spring in a cold frame but will probably germinate better if it is given 2 months warm followed by 2 months cold stratification first.