



SEED SOWING INSTRUCTIONS

Wayfaring

Treating and growing on seed

Need: Seed, Polythene freezer bags, vermiculite (available from Garden Centres), seed tray/rigipot, peat free loam based potting compost, sharp sand, liquid fertiliser. Optional: fine grit, watering tray.

1. **Storage**

Clean flesh off seed.

Technique: sieve/rolling pin/food blender are useful tools.

Wash seed thoroughly to remove all flesh (which can contain inhibitors to germination), and store in plastic bag at 10° to 15° C until late January- tie top loosely.

Allow seed to breathe by opening/ shaking every 2/ 3 weeks.

2. **Stratification**

Start process in early October.

Steps :

2.1 **Preparation**

Soak seed for 24- 48 hours to re-moisturise.

Mix vermiculite and compost with seed at ratio of 3 parts seed to one part compost, and place in polythene freezer bag or use suitable plastic container if rodents are a problem.

Add water until damp - not much required - use a beaker or similar container..

Label seed inside bag and tie off top of bag.

Mark up bag with seed collection details : species, collection site, date.

2.2 **Pretreatment**

Store in cold conditions (2° to 5°C) for 8 weeks or as long as seed takes to 'chit' (produce a root) - use fridge.

Once a week open bag : mix seeds allowing carbon dioxide to escape and oxygen in.

Re-moisten if necessary and remove any mouldy seeds.

At first signs of chitting, check bag regularly for root emergence.

3. **Sowing**

Fill tray cells with compost to 1-2 cm. from top of tray. Bang on table to firm.

Sow seed in growing tray when root is about 1/2" long, using peat free loam based potting compost. Fill tray asap with chitted seed (keeps growth even).

Do not sow seed with too long a shoot in a shallow seed tray. Sow seeds with long roots in a rigipot which has deep cells.

Cover compost in cells with fine grit/coarse sand if available.

4. Growing

4.1 Positioning of tray

Put trays of early seedlings on windowsill/in warm greenhouse to avoid winter cold/frosts; if available move into cold frame/greenhouse in April/May, or else leave on windowsill.

Grow outside during the summer.

Move trees outside in September to overwinter, avoiding excessive sunlight.

Ensure slugs/snails/rodents, etc. cannot get at the seedlings.

Turn the tray regularly to avoid bending of tree stems (seedlings grow towards the light).

4.2 Watering

Water regularly- every 3-4 days in mid-summer. Water less regularly in winter, but enough to keep roots damp.

It is difficult to overwater in summer - if in doubt, be generous.

4.3 Feeding

Mix in liquid fertiliser when watering, if necessary. Ask for assistance if unclear.

5. Advice service and helpline

Phone: 07751 365094

E-mail advice@tominalis.co.uk