

# Open Awards Qualification Unit



This unit forms part of a regulated qualification.

## 1 Unit Details

Unit Title:	Propagate Plants from Seeds
Unit Reference Number:	T/618/8383
Level:	2
Credit Value:	4
Minimum GLH:	30

## 2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Understand how to prepare for sowing seeds.	1.1 State, for a range of plant seeds, when they should be sown.
	1.2 Assess quantities of seeds and growing materials required.
	1.3 Describe different methods of seed preparation, including: <ul style="list-style-type: none"> <li>• Soaking</li> <li>• Priming</li> <li>• Temperature treatments</li> <li>• Scarification.</li> </ul>
	1.4 Describe methods for handling seeds.
	1.5 Explain why correct distribution and depth of sowing are important when planting seeds.
2. Be able to prepare growing mediums for seeds and seedlings.	2.1 Describe the methods of preparation for different growing mediums.
	2.2 Prepare growing mediums for sowing seeds from locally sourced materials.
3. Be able to sow seeds.	3.1 Use appropriate growing medium for selected seeds.
	3.2 Sow a range of plant seeds according to instructions for: <ul style="list-style-type: none"> <li>• Plant type</li> <li>• Sowing depth</li> <li>• Soil type</li> <li>• Seed distribution.</li> </ul>

	3.3	Use appropriate equipment for sowing seeds according to instructions.
	3.4	Fill seed trays with appropriate prepared growing medium.
4. Be able to provide aftercare for seedlings.	4.1	Monitor seedlings after germination.
	4.2	Remove unwanted seedlings.
	4.3	Dispose of unwanted seedlings appropriately.
	4.4	Recognise signs of poor health in plants during propagation.
	4.5	Take appropriate action to improve health in seedlings.
5. Be able to grow healthy plants from seedlings.	5.1	Prepare growing medium for seedlings.
	5.2	Prick out seedlings.
	5.3	Transplant seedlings.
	5.4	Provide ongoing aftercare for seedlings including: <ul style="list-style-type: none"> <li>• Humidity control</li> <li>• Temperature control</li> <li>• Weed control</li> <li>• Pest and rodent control.</li> </ul>
6. Be able to maintain accurate records.	6.1	Maintain clear and accurate records relating to sowing and propagating seeds.
7. Be able to work safely and in ways that minimise environmental impact.	7.1	Work in ways which maintain health and safety and are in line with relevant legislation, industry codes of practice and any additional requirements.
	7.2	Work in ways which minimise environmental impacts.
	7.3	Dispose of organic and non-organic waste safely and appropriately.

### Assessment guidance

Tutors and assessors should ensure that learning and assessment activities are appropriate for the learners involved e.g., children and young people, with supervision and other controls put in place as necessary. Thorough risk assessments must reflect the individuals involved, as well as the nature of the tools, machinery and implements being used