

LSOP Title	Potting Soil for Pea
LSOP No.	LSOP63
Version	1.1
Location	UQ Node/Centre-wide
Policy/Procedure Link	UQ -waste OGTR
Risk Assessment	
Approved by	Francois Barbier
Date Approved	10/05/2022
Date Effective	14/10/2021
Next Review Date	14/10/2026
Contact for Assistance	plantsuccess@uq.edu.au

1.0 Scope

This procedure covers general potting up procedures for garden pea in the CT rooms or glasshouses at UQ.

This LSOP does not cover experimental design or management of pea after planting.

2.0 Definitions

CT – controlled temperature rooms

CC – carbon copy

GMO – genetically modified organism

cm – centimetre

UQ23 – the soil mix that UQ glasshouse team makes up

3.0 Materials and Equipment

1. Gloves
2. Pots
3. Soil
4. Water
5. Pencil/Pen/Marker
6. Tape
7. Tags
8. Trays

4.0 Prescribed Actions

1. To order materials such as pots and soil, email the Central Glasshouse Services (plantgrowthCRIP@uq.edu.au) and CC Jack Hall (jack.hall@uq.edu.au).
2. CC the lab member who is responsible for the accounts (currently Elizabeth Dun). The email must specify the total amount of materials and room and building/glasshouse location.
3. For general potting procedures, the pots are filled to the rim with moderate to tightly packed soil (this will maintain the soil level after watering).
N.B. soil type will change depending on the type of plant you are growing. Arabidopsis soil is usually UQ23 + osmocote + dolomite. Pea soil is UQ23 + osmocote.
4. To provide enough water for seeds, pots should then be watered until water is running out of the base.
5. To plant seeds; create a 2cm well by pushing finger into the soil up to the first or second knuckle.
6. Place a single seed into the well and cover with extra soil.
7. Lightly water the top of the pot and then do not water again until after seeds have germinated.
N.B This is to avoid water logging the peas (the flag leaves will come out crinkled and stuck together)
8. Gloves MUST be worn during potting.
9. If plants are located in the CT rooms, they should be contained within labelled trays before placing on benches.
10. Water as needed for experimental design; it is recommended for garden pea that plants are supplied with Flowfeed EX7 weekly.
11. Waste must be disposed of appropriately according to facility protocol.
12. **All pots and trays must be labelled with tags which indicate the owner of the plants, planting date, the genotype and GMO status of the plant. Pencil recommended for labelling tags, as pen and marker can fade easily.**

5.0 Monitoring and Review

This CSOP will be reviewed annually, or as may be otherwise required because of changes to ARC requirements or changes to institutional policy and procedure.