

LSOP Title	Pea seed harvesting protocol
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Policy/Procedure Link	<a href="#">UQ- Equipment</a> <a href="#">UQ -waste</a>
Risk Assessments	
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## 1.0 Scope

*This procedure covers how to harvest pea seeds.*

*This LSOP does not cover harvesting any other plant material or species other than pea.*

## 2.0 Definitions

## 3.0 Materials and Equipment

1. Scissors
2. Brown paper bag
3. Sharpie/Pencil
4. Tray
5. Container with silica

## 4.0 Prescribed Actions

### Pea harvesting

1. Pods need to be dry and brown; the seeds should feel hard inside the pod

2. Use scissors to cut the pod between the first seed and the end of the sepals and petals (Figure 1), don't pull pods off, cutting with scissors reduces the amount of chaff/trash when shelling.
3. Label the bottom half of a brown paper bag with:
  - a. Line/variety, exactly as it appears on the pot tag (especially lower/uppercase letters)
  - b. Glasshouse (eg. GH8)
  - c. Date of picking
4. Put the harvested pods in to the bag and roll/fold shut.
5. Take the harvested pea pods to the lab and place in an air-tight container with silica. Harvested pods cannot be left in the glasshouse.

#### Pea cleaning/shelling protocol

1. After peas have dried for at least a day they can be shelled and cleaned.
2. Remove the shells however you like and drop seeds into a white tray (Figure 2).
3. Push all seed and trash to one side of the tray, gently tilt and shake the tray the opposite way.
4. The seed will roll to the clean side of the tray. The trash is light and should stay behind.
5. Push the trash to one corner and remove from the tray.
6. Repeat this until the seed is as clean as possible (Figure 3).
7. Put the clean seed back in the bag it was harvested in, as long as the bag is clean of trash and soil. If not, label a new bag.
8. Fold bag down and fasten with a paperclip.
9. Place in an airtight container with silica to dry further and for storage in a cool non-humid environment.

## 5.0 Appendix A



Figure 1: Cutting Pods



Figure 2: Shelled seed and trash



Figure 3: Clean seed