

Potting Arabidopsis

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Adapted from Sean's protocol
Ziru Li

Potting Arabidopsis in Cone-tainers

Last modified May 27, 2010

Cold treatment

1. Place a number of seeds you will need in an empty 2ml tube.
** a little goes a long way here**
2. Fill tube up with 0.1% agarose solution or merely water.
3. Label tubes and cover with aluminum foil, place at 4C for >48hrs. (The seeds can stay cold as long as 2 weeks but after that germination rates drops significantly)

Potting

4. Label cone-tainers
5. Push a small piece of mesh screen to bottom of cone-tainer to prevent soil from leaking out.
6. Prewet soil and fill cone-tainers with pre-wetted soil.
7. Put cone-tainers on racks. Leave the peripheral slots open (for the tray). Keep each plant as far away from each other as possible.
8. Pot seeds with pasteur pipettes.
9. Place rack with tray in growth chamber and water with 1/2 Hoagland.
10. When plants are 1-2 weeks old thin to desired density with a pair of forceps.