

Ethnobotany Lab 3.

Sowing seeds

February 3 and 5, 2015

Background To make your project, we must start to grow plants in the greenhouse. All our plants are typically propagated through seeds. While the every species of plant requires slightly different seed treatment, most our species may be sowed similarly.

Assignment

Sow

1. Read germination instruction(s) thoroughly. If they are significantly different from the below, ask instructor for clarification.
2. If seeds need soaking, do it overnight on the wet filter paper at home in the warm place and bring it back here again.
3. Fill $\frac{3}{4}$ of each germination pot (12 pots per row, one row for one person) with the soil mix (we will use peatmoss and perlite 1:1 mix). Water it with deionized water. Apply neem fungicide. Check if the tray has labels (sticky tape labels both on the tray and on the lid).
4. Label your row with plastic labels showing: (1) today's date using "20150203" scheme, (2) your name; (3) plant name. Use two labels, one from left and one from the right side. Use pencil only!
5. For bigger seeds (> 3 mm) try 2–4 per pot, for smaller—5–7 seeds per pot. Extra big seeds (> 1.5 cm) need to be sowed individually. Distribute seeds evenly.
6. Cover them with a soil to give the depth not bigger than seed size $\times 2$ (e.g., for the seed of 2 mm length the depth is ≈ 4 mm).
7. Water the whole row slightly with deionized water again.
8. When all three rows are finished, cover the tray with plastic lid and leave in the warm place.
9. Clean the working space and floor.

Wait We need now to wait several weeks to see germination and seedlings.