STUFF TO BRING:

-soil sieve

-sharpie (I recommend getting the strong ink sharpies)

-dust masks

-tub with mark at 850-900 mL volume

-gloves

-trowel(s)

-notebook or datasheets to record weights

-soil

STUFF FROM GREENHOUSE:

-paper towels, half flats, sand, plant marker sticks, label tape, scale (ask about this)

1. Remove any rocks bigger than a marble by sieving with a large sieve from our lab. (It’s sort of gold colored and should be in the glass door cabinets by the meeting table). Wear masks to sieve
2. Break up any dirt clods until they go through the sieve.
3. Weigh out soil (shoot for approximately 1000 g; record weight to possibly include as a covariate; ours ranged from 800-1200 grams)
4. Fill tub to line (line should be at approximately 900 mL) with sand; I’d recommend getting a second container and marking it
5. Dump soil into tub
6. Mix sand and soil with a trowel and hands (gloves helpful)
7. Pour sand/soil mixture into a “many hole” half flat that has been lined with paper towels.
8. Use planting label stick (available from headhouse) to label. I’d also label with labelling tape on one of the sides; the planting sticks are easier to read, but they fade with watering and figuring out which is which can be a giant pain.
9. We also set up 4 controls with just greenhouse soil to figure out which plants are greenhouse weeds.

Inch from top of flat

Twice a week, soil shouldn’t feel dry ; if someone new is doing it email me

Ask about greenhouse weeds