

February 26, 2014



Propagation

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- Seed
 - Direct Sow
 - Transplants
- Cuttings
- Divisions

Seeds

Respect, Cherish, Regard Highly

Storage:

free of bugs

dry and air tight

cool and dark place

predator protection!

plastic bags-not so good

**Set the stage for good
germination...**

Considerations: seed planting

- Cool Season or Warm Season?
- What depth?
- Soil temperature?
- Outside temperature?
- Pre-soak?
- Inoculate...bacteria? fungi?
- Spacing? Thinning?
- How often to water?
- Stress from weed pressure?

Planting the Seed

- Read the Seed Packet!
- Moisture!
 - Deeper planted, more moisture
 - Keep lightly misted
- Thinning



Planting the Seed

Direct Sowing

- Prep and amend soil-create tilth
 - tinier seed the weaker the seed-fine bed
 - bigger seed-can leave rough



Planting the Seed

Direct Sowing

- Dowel Method-smaller seeds
 - Connect the seed to the soil
 - backfill with fluffy, sifted compost
- Push In Method-bigger seeds
 - Use thumb or dowel end to make pit
 - backfill and mound with soil/compost!
- Broadcasting

Planting the Seed

Direct Sowing

- Walk Behind Seeder



Transplants

Growing Starts and Why?

- Headstart starts
- Focus resources
- Controlled conditions
- Allows old crops to finish
- Less vulnerable



Transplants

- Potting Soil Mixture (buy or make)
 - compost, garden soil, sand, peat moss, perlite, fungi
- Grow more starts than you need!
- Choose plants with best potential



Transplants

- Potting up
 - 6-packs --> 4" pots
 - Ready when few roots coming out
- Hardening Off
 - In wind and full sun



- Does Well as Start
 - Large Plants
- Does Well Direct Sown
 - Root Crops
- Goes Both Ways
 - Onions