

WHY DIRECT SEED?

Pro's

- It's easy
- There's really no mess associated with it as opposed to growing transplants.
- When direct sowing the resulting plants will generally have a healthier root system because they remain undisturbed in the soil as opposed to transplanting where you uproot the plant out of the pot.
- It's cheaper than buying a nursery plant.

Cons

- You must make sure you are seeding the right plants at the right time of year.
- In spring you have to wait until the soil warms to put seed in, in the fall you must direct seed early (Aug/Sept) in order to give your veggies enough time to grow to maturity before the frost comes to kill your plants.
- Some of our most beloved garden plants don't do well direct seeded because of their germination needs, like tomatoes, eggplant and peppers. They need to be started indoors in the warmth in early Spring to give them time to grow large enough to transplant outdoors when the ground has warmed.

Revisiting planting needs of vegetables

DIRECT SEED

Carrots

Corn

Dill

Fava

Garlic

Parsnip

Potato

Radish



TRANSPLANT

Broccoli

Brussels sprouts

Cabbage

Cauliflower

Eggplant

Leek

Onion

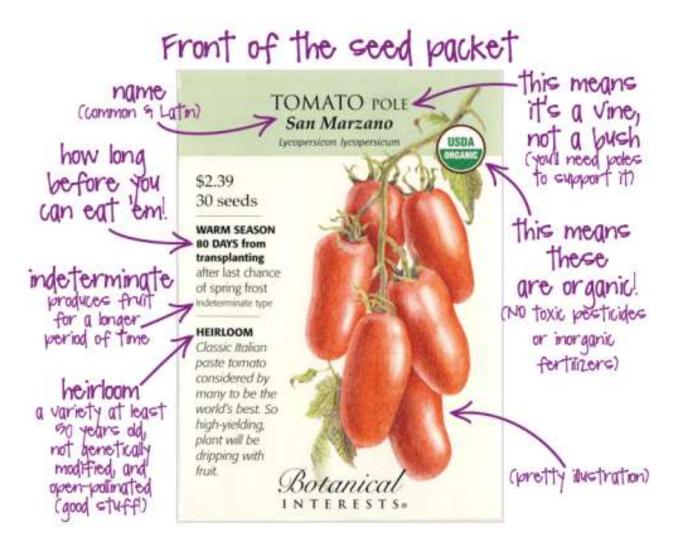
Parsley

Pepper

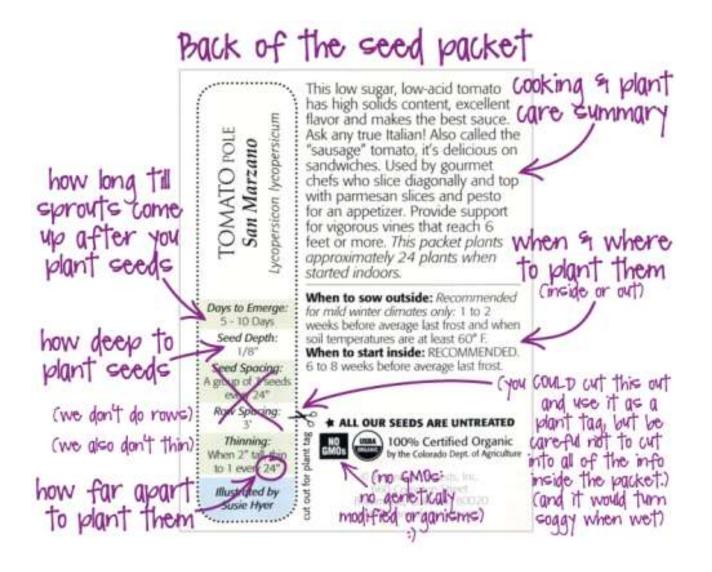
Tomato



HOW TO READ A SEED PACKET



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CONVENTIONAL ROW PLANTING



OTHER METHODS OF PLANTING

French intensive gardening



Keyhole gardening



Square foot gardening



QUESTIONS to ask yourself when preparing to direct seed?

What season is it?
What do I want to eat?
How much of it do I want to eat?
How much space do I have?
What seeds do I have?





ABOUT SEED

Germination rates on "fresh" seed
What is fresh seed?
What is the shelf life of seeds?
How do I keep my seeds once I open the packet?
Can I use my seeds once they get "old"?







HOW TO DISPENSE SEED

- Seed can be dispensed using your hands
- Or making a crease in the packet and allowing the seed to dispense one by one as You shake the packet across your sowing area.
- You can use a seed dispenser



REVIEW: WHAT IS THE RULE FOR SEEDING?

We learned the rule during our container seeding class

Seed is planted 2x the depth of it's width.



WATERING-IN YOUR SEEDS



1) You must water in your seed after seeding.
Better to seed into soil that has been moistened rather than a bone dry soil 2) Use a gentle spray, either a watering can with

a rose tip or a spray nozzle with the shower setting.

3) Your seeds must be kept moist during the entire germination process or they will die in mid germination

THINNING YOUR SEEDLINGS

Once your seeds have developed true leaves, you can begin thinning them out to the spacing designated on the packet of seed.

True Leaves

Seed Leaves

Either prick out or clip

Seedling after being clipped

Final spacing



I NEED VOLUNTEERS TO DIRECT SEED INTO THE GARDEN DURING CLASS. PLEASE RAISE YOUR HAND IF YOU WANT TO DIRECT SEED



WHAT ARE WE DOING IN THE GARDEN?

- 1) 5 GROUPS OF 5 PEOPLE WILL SEED A PLOT
- 2) EACH PLOT HAS AN ASSIGNED TEACHER TO HELP
- 3) I WILL DEMONSTRATE HOW TO SEED AND THEN YOU WILL GO AND SEED YOUR PLOT WITH YOUR TEAM.
- 4) EACH PERSON ON THE TEAM WILL CHOOSE ONE SEED AND WILL SEED IT. 5 PEOPLE WILL PLANT A TOTAL OF 5 DIFFERENT VEGETABLES IN ONE PLOT.
- 1) YOUR MISSION, SHOULD YOU CHOOSE TO ACCEPT IT, WILL BE TO (AS A TEAM) SEED YOUR PLOT. YOU WILL NEED TO TAKE INTO CONSIDERATION HOW MUCH SPACE YOU NEED FOR THE VEGETABLE YOU ARE GOING TO PLANT AND TAKE INTO CONSIDERATION SPACING FOR EVERYONE ELSE ON THE TEAM IN YOUR PLOT AS WELL.
- 2) YOU HAVE BEEN GIVEN A "FUN HANDOUT" THAT HAS A GRID FOR YOU TO FIGURE OUT SPACING, AND YOU HAVE THE WARM AND COOL SEASON CHARACTERISTICS HANDOUTS THAT WILL GIVE YOU SPACING FOR EACH VEGETABLE AND YOU HAVE TEACHERS TO HELP YOU WITH SPACING. ONCE SEEDED, MAKE A MARKER FOR YOUR VEGGIES AND WATER THEM IN.
- 3) LETS GO HAVE FUN! REMEMBER, THERE IS NO ONE WAY TO SEED A GARDEN.

EVERYONE IS WELCOMED TO THE GARDEN TO WATCH AND LEARN