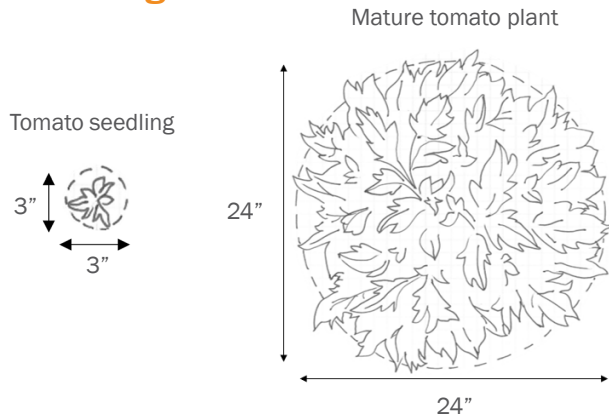


Plant spacing

How plants fit together



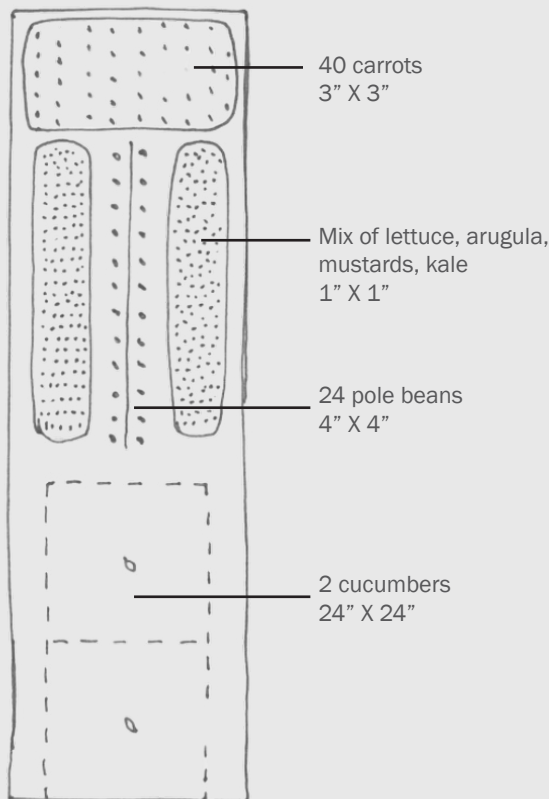
Allow for growth



Space your vegetables far enough apart so they will have enough room to grow well and reach full size.

This handout will provide suggested spacing for common garden vegetables.

Spacing for direct seeded plants



The following vegetables do well with their seeds planted directly into the soil.

These mature quickly and can be planted closely.

- Lettuce (baby leaf): 1" X 1"
- Arugula (baby leaf): 1" X 1"
- Mustards (baby leaf): 1" X 1"
- Kale (baby leaf): 1" X 1"

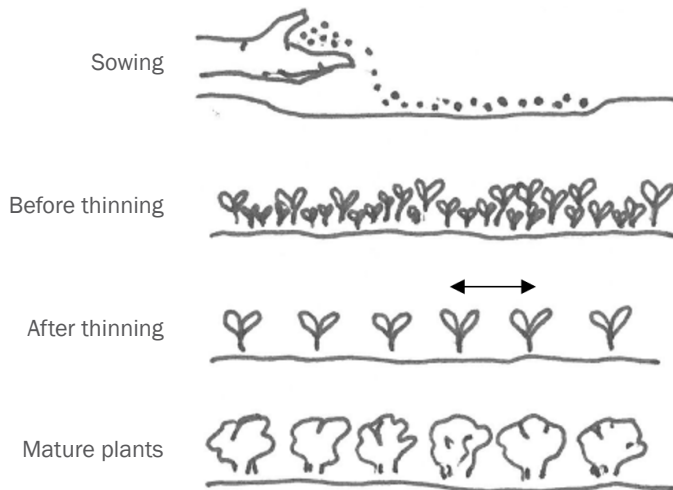
These have deep taproots, making transplanting difficult.

- Beet: 3" X 3"
- Carrot: 3" X 3"
- Parsnip: 3" X 3"
- Radish: 3" X 3"
- Rutabaga: 6" X 6"
- Turnip: 4" X 4"

These have large seeds which sprout and grow quickly.

- Beans (bush): 9" X 9"
- Beans (pole): 4" X 4" (trellised)
- Corn: 12" X 12"
- Cucumbers: 24" X 24" (trellised)
- Garlic (cloves): 6" X 6"
- Melons: 24" X 24"
- Peas: 4" X 4" (trellised)
- Potatoes (seed): 18" X 18"
- Summer squash: 36" X 36"
- Winter squash: 36" X 36"

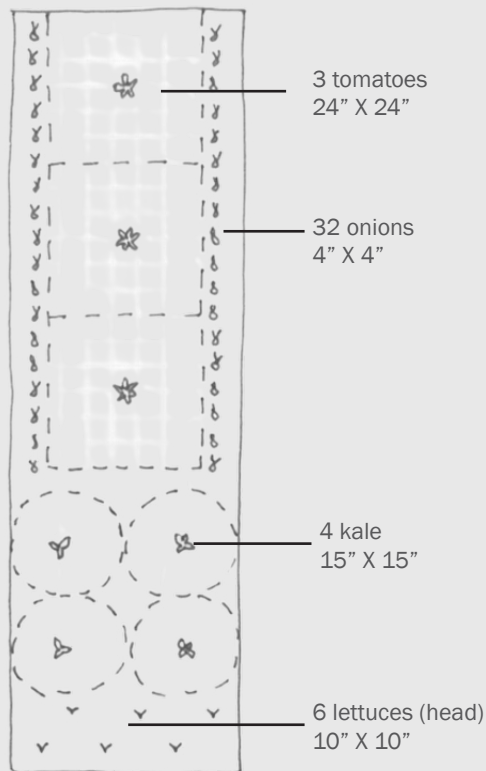
Thinning



Not all seeds germinate and grow into a sprout. You can plant a lot of seed to ensure your bed is filled with enough plants and thin the extras.

Thinning is the process of pulling out extra sprouts in order to give your plants the space they need to mature.

Spacing for transplanted vegetables



These vegetables do well when planted as young seedlings because they take a longer time to mature, and they need a head start in Michigan's shorter growing season.

Basil: 10" X 10"
Eggplant: 18" X 18"
Okra: 18" X 18"
Pepper: 18" X 18"
Tomatillo: 24" X 24"
Tomato: 24" X 24"

These vegetables do well planted directly by seed if you want small plants close together or to avoid buying transplants. They can also be planted as transplants for greater control over spacing from the start.

Bok Choi: 9" X 9"
Broccoli: 12" X 12"
Cabbage: 12" X 12"
Cauliflower: 12" X 12"
Chard: 12" X 12"
Collards: 12" X 12"
Kale: 15" X 15"
Kohlrabi: 8" X 8"
Leek: 8" X 8"
Lettuce (head): 10" X 10"
Onion: 4" X 4"
Spinach: 4" X 4"