



## SUCCESSION PLANTING – BASIC CONSIDERATIONS

-What do you want to grow – what will your family eat/what fits your objectives?

-When do those vegetables grow – are they cool or warm season? In this area we can plan for three seasons.

-How long does each crop take until harvest, and what can come next? Be ready to plant something new after each harvest. Remember to rotate plant families.

-How much space does each crop need? Are supports required?

\*Draw a rough chart that shows each section of your garden, what plants will be there in each season, and approximately what dates you'll be harvesting and replanting.

\*Also remember the possible advantages of successive planting – for some crops, consider a staggered planting (example: plant some of your beans every two weeks instead of all at once).

\*When direct seeding any crop, don't forget to plan for thinning to the correct spacing for mature plants (best done around the 3-leaf stage). Set transplants at the correct distance for the mature size of the plant.

- Tips compiled and distributed by the Guilford county Extension Master Gardener volunteers



**COOL SEASON VEGETABLES:  
EASY TO DIRECT SEED**

Beets  
Carrots  
Chard  
Chinese cabbage/Asian greens  
Collards  
Kale  
Kohlrabi  
Lettuce  
Mustard  
Parsnip  
Peas  
Radishes  
Spinach  
Turnips

**COOL SEASON VEGETABLES:  
USE TRANSPLANTS OR STARTS**

Asparagus (perennial)  
Broccoli  
Brussels sprouts  
Cabbage  
Cauliflower  
Garlic  
Leeks  
Onions  
Potatoes  
Rutabaga

**WARM SEASON VEGETABLES:  
EASY TO DIRECT SEED**

Basil  
Beans  
Corn  
Cucumber  
Dill  
Edamame  
Melons  
Okra  
Peas (Southern)  
Pumpkins  
Squash

**WARM SEASON VEGETABLES:  
USE TRANSPLANTS OR STARTS**

Eggplant  
Herbs (many are perennial)  
Peppers  
Sweet potatoes  
Tomatoes

## Reference Guide to Vegetable Plant Families for Rotation

When possible do not follow any vegetable plant with a plant from the same family. Develop rotations that allow 3-4 seasons between families. Because plant pathogens are not always obvious, they may build to levels insufficient to cause symptoms in a single season. Planting the same or similar host in the same location the next year provides an opportunity for the pathogen to continue increasing to the point of causing serious problems. Plant rotation is among the oldest and most effective strategies for reducing plant disease problems.

**Brassicas/Mustard family:** broccoli, Brussels sprouts, cabbage, Chinese cabbage, cauliflower, collards, cress, kale, mustard, bok choy, kohlrabi, radishes, turnips, rutabagas

**Composite family:** artichokes, chicory, endive, escarole, lettuce, salsify

**Goosefoot family:** beets, spinach, Swiss chard

**Cucurbit/Gourd family:** cantaloupes, cucumbers, gourds, pumpkins, squash, watermelons

**Grass family:** corn

**Legume family:** beans, southern peas, edible pod peas, peanuts, soybeans

**Lily family:** asparagus, chives, garlic, leeks, onions, shallots

**Mallow family:** okra (also includes cotton)

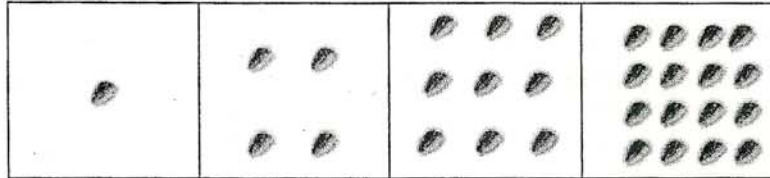
**Nightshade family:** eggplant, potatoes, peppers, tomatoes (also includes petunia and tobacco)

**Parsley family:** carrots, celery, parsley, parsnips

# Square Foot Gardening Plant Spacing

To calculate how many plants per square, look on the back of the seed packet—totally ignore the row spacing, just look at the plant spacing:

- 12" apart, plant 1 per square
- 6" apart, plant 4 per square
- 4" apart, plant 9 per square
- 3" apart (or less), plant 16 per square



## Square Foot Gardening Spacing

Plant	# Per Square
Asparagus	1
Basil	1 or 4
Beans	8
Beets	9
Broccoli	1
Cabbage	1
Carrots	16
Cauliflower	1
Celery	1
Chives	9
Cilantro	4 or 9
Collard greens	1 or 4
Corn	4
Cucumbers	2
Dill	1

Eggplant	1
Garlic	4-9
Kale	1
Leeks	4-9
Lettuce	4
Mustard greens	16
Okra	1
Onions	9 or 16
Oregano	1
Parsley	1
Peas	8
Peppers	1
Potatoes	1 or 4
Radishes	16
Rosemary	1
Spinach	9
Swiss Chard	4
Turnips	9
Vine Tomatoes	1

<b>Plant</b>	<b># of Squares</b>
Cantaloupe	2
Pumpkins	2
Summer squash	9
Bush Tomatoes	6 to 9
Watermelon	2
Winter Squash	2
Zucchini	9