

Cool Season	When	Per 10 ft row	Between plants	Between Rows	Days to Edible
Arugula (S)	WS		4-6"	6"	40
Asparagus (R)	WS	7 crowns	18-24"	36-48"	3 years
Beet (S)	Mid April	1/2 packet	2-3"	12-18"	60-110
Broccoli (P)	Mid -Late April	5-7 plants	18-24"	24-30"	60-80
Brussel Sprouts (P)	Mid April	5-7 plants	18"	24-30"	90-110
Cabbage (P)	Late April, Early May	7-10 plants	18-24"	20-28"	60-100
Carrots (S)	WS	1/2 packet	2-3"	12-18"	60-80
Cauliflower (P)	Late April, Early May	5-10 plants	18-24"	24-30"	60-80
Collard Greens (S)	Late April, Early May		12"	24-30"	70
Endive (S)	WS	1 packet	6"	12"	65-85
Garlic (R)	WS		3-5"	4-5"	Mid summer
Horseradish (R)	WS		18"	36"	180-200
Leek (S) (R)	WS		8-12"	12"	120-150
Onion (R)	WS	60	2-3"	12-15"	90-100
Snow Pea (S)	WS	1 1/2 oz	2-3"	6-12"	50-75
Potato (R)	WS	10	12"	24-36"	110-150
Rhubarb (P)	WS	3 crowns	36-72"	36-60"	1 year
Shallot (R)	WS		6-8"	12-18"	50-75
Spinach (S)	WS	1 packet	3"	12-18"	50-70
Turnips (S)	March-Early April		2-3"	18-24"	60-90
Strawberries (P) (R)	WS	12-15	12-24"	30-36"	
Lettuce, Head (P)	Mid-Late April	1/4 packet	10"	18-24"	55-85
Lettuce, Leaf (S)	WS	1 packet	2-3"	12"	40-60
<b>Warm Season</b>					
Bean (S)	After Frost-Mid May	1.5 oz	3-6"	24"	60-70
Corn (S)	After Frost-Mid May	1 packet	8-12"	30-36"	65-110
Cucumber (P)	After Frost-Mid May	6-10 plants	15-18"	48-60"	50-70
Eggplant (P)	After Frost-Mid May	6-8 plants	18"	24-30"	75-85
Muskmelon (P)	After Frost-Mid May	5-7 plants	18-24"	48-60"	90-120
Okra (P)	After Frost-Mid May	6-8 plants	18-24"	24-36"	70-90
Peppers (P)	After Frost-Mid May	5-7 plants	18-24"	24-30"	70-75
Pumpkins (P)	After Frost-Mid May	1-2 hills	4"	60-72"	90-120
Squash (P)	After Frost-Mid May		4"	24-30"	60-75
Tomato (P)	After Frost-Mid May	2-5 plants	24-36"	24-48"	70-100
Watermelon (P)	After Frost-Mid May	4 plants	18-24"	60-84"	90-130

S=seed P=plant R=root or bulb WS= soil is workable

General Guidelines: varies by variety chosen

Very hardy <sup>1</sup>	Frost tolerant <sup>2</sup>	Tender <sup>3</sup>	Warm loving <sup>4</sup>
Asparagus	Beet	Snap bean	Lima bean
Collards	Broccoli	Sweet corn	Cucumber
Endive	Brussels sprout	Tomato	Eggplant
Kale	Cabbage		Muskmelon
Kohlrabi	Carrot		Okra
Lettuce	Cauliflower		Pepper
Mustard	Celeriac		Pumpkin
Onion (sets and seeds)	Celery		Squash, summer
Pea	Chard		Squash, winter
Potato	Chinese cabbage		Watermelon
Rhubarb	Jerusalem artichoke		
Rutabaga	Onion (plants)		
Salsify	Parsnip		
Spinach	Radish		
Turnip			

1. Very hardy vegetables can withstand freezing temperatures and hard frosts for short periods without injury. They may be planted as soon as the ground can be prepared. usually 4 to 6 weeks before the average frost-free date.

2. Frost tolerant vegetables can withstand light frosts and can be planted 2 to 3 weeks before the average frost-free date.

3. Tender vegetables are injured or killed by frost, and their seeds do not germinate well in cold soil. They are usually planted on or after the average frost-free date.

4. Warm loving vegetables cannot tolerate cold. They require warm soils for germination and good growth, and should be planted 1 to 2 weeks after the average frost-free date.

\*Based upon information from University of Illinois publication VC 14 a2, Vegetable Planting Guide.

### Vegetable Groups for Crop Rotation:

Group 1 <b>Brassicas and leafy greens</b>	Group 2 <b>Root Crops</b>	Group 3 <b>Legumes + others</b>
Cabbages, Cauliflower, Broccoli, Kale, Brussel Sprouts	Potatoes, Carrots, Parsnips, Swedes, Turnips, Beetroot	Peas, Beans, Tomatoes, Celery

### Useful Resources:

**www.knollwoodgardens.com** Guides & Lists Page our growing guides to view/print

Greene County Extension "The Greene Line" (937) 376-5397

Montgomery County Extension Help line (937) 224-9654

Ohio State University [www.ohioline.osu.edu](http://www.ohioline.osu.edu) [www.plantfacts.osu.edu/faq/](http://www.plantfacts.osu.edu/faq/)

University of Wisconsin Plant disease diagnostic [www.plantpath.wisc.edu/pddc/veggie.html](http://www.plantpath.wisc.edu/pddc/veggie.html)

Texas A & M: Tomato Problems [www.aggie-horticulture.tamu.edu/tomatoproblemsolver/index.html](http://www.aggie-horticulture.tamu.edu/tomatoproblemsolver/index.html)

Iowa State Extension [www.extension.iastate.edu/Publications](http://www.extension.iastate.edu/Publications)

Midwest Fruit and Vegetable Book: Ohio Edition, James A. Fizzell