

Range of dates for safe planting of seeds outdoors in our area.

Those marked with an * can be planted again for a fall crop starting Aug. 1 through Aug. 31st depending on the vegetable maturation time.

Avg. first frost day is Sept. 29th.

These date ranges are based on avoiding frost damage and seed rotting in the ground due to cold soil temps.

Basil	5/15-6/30	Okra	5/20-6/1
Lima Bean	5/25-6/15	Onion	4/1-5/1
Garden Bean*	5/10-6/30	Parsley	4/15-5/15
Beet*	4/15-6/15	Pea*	4/1-5/15
Broccoli*	4/15-6/1	Pepper	5/20-6/10
Brussels Sprouts	4/15-5/15	Potato	4/1-6/1
Cabbage	4/1-5/15	Radish*	4/1-5/15
Carrot*	4/20-6/15	Rutabaga	5/1-6/1
Cauliflower*	4/15-5/15	Spinach*	4/1-6/15
Celery	4/20-6/15	Summer Squash	5/10-6/10
Sweet Corn	5/10-6/1	Winter Squash	5/15-6/15
Cilantro*	4/15-6/15	Tomato	5/15-6/10
Cucumber	5/20-6/15	Turnip	4/1-6/1
Eggplant	5/20-6/15	Watermelon	6/1-6/15
Endive*	4/15-5/15		
Kale*	4/10-5/1		
Kohlrabi*	4/10-5/15		
Leek	4/15-5/15		
Lettuce*	4/15-6/15		
Muskmelon	6/1-6/15		

For herbs and vegetables like beet that have a wide range in the safe planting date, try planting a crop early and then one later so you get a longer season. For instance, plant as soon as possible in April and then sow another row in June.

Time needed to start plants before transplanting to the garden.

These herbs and vegetables are best planted directly into the garden as seedlings (starters) to maximize the number of days they have to grow. If you are starting your own plants from seed, the dates show the time period from seed starting to planting into the garden.

Keep in mind that in this area the last average frost free date is May 15. Crops like eggplant, pepper and tomato require soil to be thoroughly warmed, 65° F, before planting into the ground. That usually happens around Memorial Day. If you want to speed up the process, lay clear plastic over the soil in the garden area you want to plant. Use clear plastic because it will allow sunlight through to warm the soil.

Finally, prior to setting out your plants in the garden they need to be “hardened off.” This is the process of toughening them up from the tender indoor environment. To do this, take several days to move them, first, from a shady windless spot gradually out to the full sun and wind.

Broccoli	4-6 weeks	Kohlrabi	2-3 weeks
Brussels Sprouts	4-6 weeks	Onion	10-12 weeks
Cabbage	4-6 weeks	Parsley	8-10 weeks
Cauliflower	4-6 weeks	Pepper	8-10 weeks
Celery	8-10 weeks	Tomato	6-8 weeks
Eggplant	8-10 weeks		



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	Plants or seeds per 100' row	Inches between rows & plants	Average yield per 100' row	Average planting per person		YEAR	AMOUNT PLANTED	YIELD EATEN FRESH	FROZEN	CANNED
					fresh eating	canning/freezing				
Asparagus	66 plants	36-48" 18"	30#	10-15 plants	10-15 plants					
Beans, bush	1/2# seed	24-36" 3-4"	120#	15-16' of row	15-20' of row					
Beans, pole	1/2# seed	36-48" 4-6"	150#	5-6' of row	8-10' of row					
Beans, Lima bush	1/2# seed	30-36" 3-4	25# shelled	10-15' of row	15-20' of row					
Beans, Lima pole	1/4# seed	36-48" 12-18"	50# shelled	5-6' of row	8-10' of row					
Beets	1 oz. seed	14-24" 2"	150#	5-10' of row	10-20' of row					
Broccoli	50 plants, 1/4 oz. seed	24-36" 14-24"	100#	3-5 plants	5-6 plants					
Brussels Sprouts	50 plants, 1/4 oz. seed	24-36" 14-24"	753	2-5 plants	5-8 plants					
Cabbage	50 plants, 1/4 oz. seed	24-36" 14-24"	150#	3-4 plants	5-10 plants					
Cabbage, Chinese	50 plants, 1/4 oz. seed	18-30" 8-12"	80 heads	3-10' of row	—					
Carrot	1/2 oz. seed	14-24" 2"	100#	5-10' of row	10-15' of row					
Cauliflower	1/4 oz. seed	24-36" 14-24"	100#	3-5 plants	8-12 plants					
Swiss Chard	2 oz. seed	18-30" 6"	75#	305 plants	8-12 plants					
Kale	1/4 oz seed	18-36" 8-16"	100#	5-10' of row	5-10' of row					
Sweet Corn	3-4 oz. seed	24-36" 12-18"	10 doz. Ears	10-15' of row	30-50' of row					
Cucumber	1/2 oz. seed	48-72" 24-48"	120#	1-2 hills	3-5 hills					
Eggplant	50 plants, 1/8 oz. seed	24-36" 18-24"	100#	2-3 plants	2-3 plants					
Garlic (fall planting)	1# of seed bulbs	14-24" 3-6"	40#	1-5' of row	—					
Kohlrabi	1/4 oz. seed	14-24" 4-6"	75#	3-5' of row	5-10' of row					
Lettuce	1/4 oz. seed	14-24" 2-3"	50#	5-15' of row	—					
Cantaloupe	1/2 oz. seed	60-96" 24-36"	100 melons	3-5 hills						
Mustard Greens	1/4 oz. seed	14-24" 6-12"	100#	5-10' of row	10-15' of row					
Okra	100 plants, 2 oz. seed	36-42" 12"	100#	4-6' of row	6-10' of row					
Onion plants	400-600 plants	14-24" 2-3"	100#	3-5' of row	30-50' of row					
Onion seed	1 oz. seed	14-24 2-3	100#	3-5' of row	30-50' of row					
Parsley seed	120 plants, 1/4 oz. seed	14-24 6-8	30#	1-3' of row	1-3' of row					

ounces in a pound = 16 **1 gram = 0.035 oz.** hill = 2 sq. foot area where several seeds are planted together