

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

*Those marked with an \* can be planted again for a second crop around August 1 for a fall crop.*

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

Basil	5/15-6/30	Summer Squash	5/10-6/10
Lima Bean	5/25-6/15	Winter Squash	5/15-6/15
Garden Bean*	5/10-6/30	Tomato	5/15-6/10
Beet*	4/15-6/15	Turnip	4/1-6/1
Broccoli*	4/15-6/1	Watermelon	6/1-6/15
Brussels Sprouts	4/15-5/15		
Cabbage	4/1-5/15		
Carrot*	4/20-6/15		
Cauliflower*	4/15-5/15		
Celery	4/20-6/15		
Sweet Corn	5/10-6/1 (minimum soil temperature of 50°F and 60-95°F is optimum)		
Cilantro*	4/15-6/15		
Cucumber	5/20-6/15		
Eggplant	5/20-6/15		
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		
Okra	5/20-6/1		
Onion	4/1-5/1		
Parsley	4/15-5/15		
Pea*	4/1-5/15		
Pepper	5/20-6/10		
Potato	4/1-6/1		
Radish*	4/1-5/15 (sow watermelon-type and Daikon-type in August)		
Rutabaga	5/1-6/1		
Spinach*	4/1-6/15		

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 set out (planted) into the garden as plants to maximize the number of days they have to grow. If you are starting your own plants from seed these dates show the time period from seed starting to planting in the garden.

Keep in mind that in this area the last average frost free date is May 15 and for crops like eggplant, pepper and tomato the soil should also be thoroughly warmed before setting out plants. 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
Brussels Sprouts	4-6 weeks
Cabbage	4-6 weeks
Cauliflower	4-6 weeks
Celery	8-10 weeks
Eggplant	8-10 weeks
Kohlrabi	2-3 weeks
Onion	10-12 weeks
Parsley	8-10 weeks
Pepper	8-10 weeks
Tomato	6-8 weeks



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Drummers Garden Center & Floral

	Plants or seed per 100' row	inches between rows plants	Average yield per 100' row	Average planting per person fresh eating canning/freezing	Year	Amt. planted	Yield eaten fresh	Frozen	Canned
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 2-4	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	_____	_____	_____	_____	_____
Peas, snap	1/2# seed	24-36 4-6	40#	10-15' of row 20-50' of row	_____	_____	_____	_____	_____
Pepper	50 plants, 1/8 oz. seed	24-36 18-24	60#	3-5 plants 3-5 plants	_____	_____	_____	_____	_____
Potato	6-10#	30-36 10-15	100#	50-100' of row —	_____	_____	_____	_____	_____
Sweet Potato	75-100 plants	36-48 12-16	100#	5-10 plants 10-20 plants	_____	_____	_____	_____	_____
Pumpkin	1/2 oz.	60-96 36-48	100#	1-2 hills 1-2 hills	_____	_____	_____	_____	_____
Radish	1 oz.	14-24 1	100 bunches	3-5' of row —	_____	_____	_____	_____	_____
Spinach	1 oz.	14-24 3-4	3 bushels	5-10' of row 10-15' of row	_____	_____	_____	_____	_____
Summer Squash	1 oz.	36-60 18-36	150#	2-3 hills 2-3 hills	_____	_____	_____	_____	_____
Winter Squash	1/2 oz.	60-96 24-48	100#	1-3 hills 1-3 hills	_____	_____	_____	_____	_____
Tomato	30 plants, 1/8 oz.	24-48 18-36	100#	3-5 plants 5-10 plants	_____	_____	_____	_____	_____
Turnip	1/2 oz.	14-24 2-3	50-100#	5-10' of row 5-10' of row	_____	_____	_____	_____	_____
Watermelon	1 oz.	72-96 36-72	40 melons	2-4 hills —	_____	_____	_____	_____	_____