

Pull out & save!

2015

Planting seeds
for 33 years
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CATALYST Planting Guide for Utah

Vegetable	Planting date	# of seeds/plants for 1 ft. of row	Planting depth (")	Between rows	Thin to # of plants/ft.	Days to harvest	Compatible plants	Incompatible Plants
Beans (bush)	May 5 - July 1	3-4 seeds	1-1.5	2-3 ft.	3-4	70 - 80	potato, corn, cucumber, strawberry, celery, summer savory, petunia	onion
Beans (fava)	March 15 - May 1	3 seeds	1-2	1 ft.	1.5	80-100	spinach	lettuce
Beans (pole)	May 5 - July	2-3 seeds	1-1.5	2-3 ft.	3-4	60 - 65	corn, summer savory broccoli, cabbage	onion, beet, kohlrabi, sunflower
Beets	March 25 - July 15	5-10 seeds	.75 - 1	15-18 in.	3-6	50 - 60	onion, kohlrabi, broccoli, cabbage	pole bean
Broccoli	Feb 15 - Apr 1	1 plant	3-4	18-24 in.	1	60 - 70	see cabbage	tomato
Brussels Sprouts	March 15 - April 15	2-4 seeds or 1 plant	.75 - 1	12 in.	1	see cabbage	see cabbage	
Cabbage	Feb 15 - April 1	1 plant	3-4	1-2 ft.	1	60 - 70	potato, celery, dill, thyme, mint, tomatoes, sage, rosemary, beet, onion, nicotiana	strawberry, pole bean, tomato
Carrot	March 25 - June 15	15-20 seeds	.5 - .75	2-3 in.	4-6	60 - 70	peas, leaf lettuce, chives, onion, leek, dill, rosemary, sage, tomato, radish	
Cauliflower	March 25 - May 1	1 plant	3-4	2 ft.	1	50 - 60	see cabbage	
Chard	March 25 - July 15	5-10 seeds	.75 - 1	1 ft.	1-2	40 - 50		
Corn	May 5 - July 1	3-4 seeds in a hill	1 - 1.5	2 ft.	1-2	66 - 90	beans	
Cucumber	May 5 - June 20	2-3 seeds	1 - 1.5	1 ft.	2-3	50 - 60	beans, corn, radish, sunflower, nasturtiums	potato, aromatic herbs
Eggplant	May 20 - June 1	1 plant	3-4	18 in.	1	70 - 60	beans, catnip	
Endive	March 25 - June 15	1 - 2 seeds	3-4.5	18 in.	1	70		
Ground cherries	May 1	1 plant	all but 3 sets of leaves	1 per 3 ft.	70			
Kale	July 1 - Aug. 15	2-4 seeds	.5	18 in.	1	70	see cabbage	
Kohlrabi	March 15 - Aug. 1	10 - 15 seeds	.5 - 1	1 ft.	2-3	50 - 50	see cabbage	
Leek	April 1 - May 1	7 - 10 seeds	.5 - 1	6 in.	4-6	100	onion, celery, carrot	
Lettuce (head)	March 25 - May 15	1 plant	2-2.5	1	1	60 - 70	carrot, radish, strawberry, cucumber	
Lettuce (leaf)	March 25 - May 15	20-25 seeds	.25 - .5	4 in.	4	40 - 50	carrot, radish, strawberry, cucumber	
Melon	May 15 - June 1	3 seeds in a hill	1 - 2	4 ft.	4 ft. (1 hill)	110 - 120		
Okra	May 25 - June	4-6 seeds	1 - 1.5	3 ft.	.5-1	90		
Onion (sets)	March 15 - May 1	6 - 12 sets	2-3	4-6 in.	3-6	40 - 50	carrot, beet, strawberry, tomato, lettuce, chamomile, cabbage	peas, beans
Parsnip	March 25 - May 1	10-15 seeds	.5 - .75	1-2 ft.	4-6	30 - 40		
Pea	March 15 - May 1	6-12 seeds	1.5 - 2	12-18 in.	6-12	60 - 70	carrot, turnip, radish, cucumber, corn, spinach, bean, lettuce, Chinese cabbage	onion, garlic, gladiolus, potato
Pepper	May 20 - June 1	1 plant	3-4	2-3 ft.	1	60 - 70	basil, okra	
Potato	March 25 - May 15	1 piece	3-4	2-3 ft.	1	60 - 100	bean, corn, cabbage, horseradish, marigold, eggplant	pumpkin, tomato, sunflower, cucumber, squash
Pumpkin	May 1 - June 1	2-4 seeds in a hill	1 - 1.5	4 ft.	n/a	90 - 110	corn, beans, peas, borage, radish	potato
Radish	March 15 - Sept. 1	10-12 seeds	.5 - .75	15-18 in.	12	.25 - 30	peas, nasturtium, lettuce, cucumber, carrot	
Rutabaga	June 15 - July 1	10-15	.75 - 1	2 ft.	2	.105		
Spinach	March 15 - May 1	10-15 seeds	.5 - .75	15-18 in.	6-12	40 - 50	strawberry	
Squash (summer)	May 5 - July 1	2-4 seeds in a hill	1 - 1.5	3-5 ft.	n/a	50	nasturtium, corn, bean, peas, radish, borage	potato
Squash (winter)	May 20 - June 1	2-4 seeds in a hill	1 - 1.25	4-7 ft.	n/a	90 - 120	see summer squash	
Tomato	May 1 - June 1	1 plant	3-4	1-3 ft.	n/a	60 - 70	onion, parsley, asparagus, marigold, nasturtium, carrot	cabbage, potato, broccoli
Turnip	March 15 - May 1	20 - 30 seeds	.5 - .75	1-2 ft.	2-3	60 - 70	peas	



This planting guide reflects some of the changes occurring in the city garden. With the rise of raised beds, intensive planting, vertical gardening and no-till methods, planting charts of yesteryear are less useful. In this chart you'll find these improvements:



- Planting dates are geared toward the Salt Lake Valley, not all of Utah (see "Salt Lake City area—first and last frost dates" for even more useful detail).
- Fewer seeds to plant per foot (resulting in less thinning).
- More plants remaining after thinning (more intensive planting, possibly to accommodate vertical strategies).

Edible perennials

Make room for permanent plantings of *perennial* fruits & vegetables in your garden:

- berries (strawberries; cane types such as raspberries, blackberries, gooseberries, currants; elderberries)
- rhubarb
- grapes
- fruit trees/shrubs
- asparagus
- sunroot/sunchoke (*Helianthus tuberosus*; formerly called Jerusalem artichoke)

• The space between rows is less (less unnecessary space to weed, more space for gardening).



Salt Lake City area first & last frost dates

Area	Early	Avg	Late	Early	Avg	Late
SLC	19-Mar	12-Apr	30-Apr	11-Oct	31-Oct	21-Nov
SLC/City Creek WTP*	30-Apr	22-May	14-Jun	18-Sep	30-Sep	12-Oct
SLC/east bench	31-Mar	26-Apr	13-May	18-Sep	19-Oct	3-Nov
SLC/Intl. Airport	11-Mar	26-Apr	28-May	17-Sep	18-Oct	14-Nov
SLC/SUB SEW	20-Apr	5-May	18-May	15-Sep	3-Oct	25-Oct
SLC/Triad Center	16-Feb	7-Apr	1-May	26-Oct	4-Nov	15-Nov
SLC/U of U	03-Apr	01-May	06-Jun	18-Sep	21-Oct	16-Nov
Sandy	27-Apr	13-May	20-Jun	03-Sep	24-Sep	14-Oct
Bountiful/Val Verda	11-Mar	17-Apr	09-May	08-Oct	24-Oct	14-Nov
Draper	14-May	03-Jun	30-Jun	13-Sep	21-Sep	04-Oct
Ogden	18-Apr	13-May	16-Jun	10-Sep	07-Oct	26-Oct
Park City	20-May	09-Jun	21-Jun	09-Aug	09-Sep	03-Oct
Park City/Meadows	07-Jul	07-Jul	07-Jul	05-Sep	05-Sep	05-Sep
Provo/Airport	04-Apr	21-May	03-Jul	31-Aug	25-Sep	23-Oct

* water treatment plant

View a more complete chart of frost dates across Utah at: CLIMATE.USURF.USU.EDU/REPORTS/FREEZE/DATES.PHP

- Based on the assumption that the gardener is using raised beds.
- Offers interplanting suggestions.

Fred Montague says interplanting makes fuller use of garden resources (e.g. shallow-rooted plants with deep; short shade-loving plants with tall sun-loving ones). It also offers some protection and encourages plant yield.

Seed life expectancy

Store in a cool, dark, dry place. Plant more densely than you would new seed. (University of Colorado) Expectancy notated in years.

Bean 3	Muskmelon 5
Beet 4	Mustard 4
Broccoli 3	Okra 2
Brussels sprouts 4	Onion 1
Cabbage 4	Parsnip 1
Carrot 3	Pea 3
Cauliflower 4	Pepper 2
Chinese cabbage 3	Pumpkin 4
Collard 5	Radish 5
Corn 2	Rutabaga 4
Corn salad 5	Salsify 1
Cucumber 5	Spinach 3
Eggplant 4	Squash 4
Endive 5	Swiss chard 4
Kale 4	Tomato 4
Kohlrabi 3	Turnip 4
Leek 2	Watermelon 4
Lettuce 6	

References and influences:



Fred Montague, *Gardening: An Ecological Approach* (Mountain Bear Ink)

Mel Bartholomew, *Square Foot Gardening* (Rodale)

Toby Hemenway, *Gaia's Garden: A Guide to Homescale Permaculture* (Chelsea Green)

Louise Riotte, *Carrots Love Tomatoes* (Storey)

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RED BUTTE GARDEN

Spring Plant Sale

GARDEN MEMBERS:
FRIDAY, MAY 8TH
1:00-8:00PM

GENERAL PUBLIC:
SATURDAY, MAY 9TH
9:00AM-3:00PM

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