

CROP TYPE	Seeds/Unit, M=1,000	Initial Seed Spacing	Final Plant Spacing (in rows, or on hexagonal centers in French Intensive Method)	Seed Planting Depth	Row Spacing	Direct Sow (DS) or Transplant (TP)	Ideal Planting Soil Temp (*F)	Start Transplants (before setting out)	When to Plant Out (Spring Crop; Last Frost Apr. 21-30)	When to Plant Out (Fall Crop; 1st Frost Nov. 1-10)	Recommended Seed Planting Methods (DS = Direct Sow; SI = Start Indoors)	
											Spring	Fall
Artichokes	625/oz	2-3'	same	1/4"	5'	TP	60-80°	10-12 weeks	After last frost		SI: Feb. 24- Mar. 10	n/a
Bean, Bush, Dry	75-220/oz	2-3"	same	1-2"	28-36"	DS	60-80°	n/a	After last frost		DS: Apr. 21 - May 19	n/a
Bean, Bush, Snap	75-220/oz	2-3"	same	1-2"	18-36"	DS	60-80°	n/a	After last frost		DS: Apr. 21 - May 19	n/a
Bean, Pole	75-220/oz	2-3"	same	1-2"	12"	DS	60-80°	n/a	n/a		DS: Apr. 21 - May 19	n/a
Bean, Soy	75-220/oz	2-3"	same	1-2"	18-36"	DS	70-90°	n/a	After last frost		DS: Apr. 21 - May 19	n/a
Beet	1250-1875/oz	10 seeds/ft	2-3"	1-2"	12-18"	DS	60-85°	n/a	As soon as soil can be worked		DS: Feb. 24 - Mar. 10	DS: Aug. 25 - Oct. 13
Broccoli	4-9M/oz	2"	8-12"	1/4-1/2"	18"	DS or TP	65-85°	4-6 weeks	After last hard frost		SI: Feb. 24 - Mar. 10	DS: June 16 - July 28
Broccoli, Sprouting	4-9M/oz	3 seeds/ft	6-12"	1/2"	18"	DS	50-65°	n/a	After last frost or in late summer		SI: Feb. 24 - Mar. 10	DS: June 16 - July 28
Brussels Sprouts	7M/oz	6"	18-24"	1/4-1/2"	30"	DS or TP	65-75°	4-6 weeks	As soon as soil		SI: Feb. 24 - Mar. 10	DS: June 16 - July 28
Cabbage, Chinese/Napa	5-9M/oz	2-4 seeds/ft	12-18"	1/2"	18-30"	DS or TP	70-95°	4-6 weeks	When nights are at least 50°F		SI: Feb. 24 - Mar. 10	DS: June 16 - July 28
Cabbage, Fresh Market	5-9M/oz	2-4 seeds/ft	10-18"	1/2"	12-18"	DS or TP	55-95°	4-6 weeks	After last hard frost		SI: Feb. 24 - Mar. 10	DS: June 16 - July 28
Cabbage, Storage	5-9M/oz	2-4 seeds/ft	18-24"	1/2"	18-34"	DS or TP	55-95°	4-6 weeks	10 weeks before first frost		SI: Feb. 24 - Mar. 10	DS: June 16 - July 28
Carrot	11-37M/oz	30 seeds/ft	1-2"	1/4-1/2"	18-24"	DS	60-85°	n/a	As soon as soil can be worked		DS: Mar. 10 - Apr. 7	DS: Aug. 11 - Oct. 13
Cauliflower	5-10M/oz	2-4"	12-18"	1/4-1/2"	18"	DS or TP	55-80°	4-6 weeks	After last hard frost		SI: Feb. 24 - Mar. 10	DS: June 16 - July 28
Celery/Celeriac	50-70M/oz	6-10"	same	1/8"	24-36"	TP	60-70°	10-12 weeks	2-3 weeks before last frost		DI: Jan. 27 - Feb. 10	n/a
Chard Bunching	1250-2500/oz	6 seeds/ft	4-8"	1/2"	18-24"	DS or TP	65-85°	4-6 weeks	After last frost		SI: Mar. 10 - Mar. 24	DS: July 28 - Oct. 13
Chard, Baby	1250-2500/oz	40 seeds/ft in 2-4" band	same	1/2"	2"	DS	65-85°	n/a	After last frost		SI: Mar. 10 - Mar. 24	DS: July 28 - Oct. 13
Collards	6-9M/oz	2"	8-10"	1/4-1/2"	18-30"	DS or TP	70-95°	4 weeks	As soon as soil can be worked		SI: Mar. 10 - Mar. 24	DS: July 28 - Oct. 13
Corn, Early season	100-200/oz	2-4"	8-10"	1-2"	30-36"	DS or TP	60-95°	7-10 days	When soil is at least 55°F		DS: Apr. 21 - May 5	n/a
Corn, Mid-Late season	100-200/oz	2-4"	10-12"	1-2"	36"	DS or TP	60-95°	7-10 days	When soil is at least 55°F		DS: Apr. 21 - May 5	n/a
Cucumber, Greenhouse	1000-1300/oz	2-4"	20"	1/2"	5-6'	TP	75-90°	3-4 weeks	Trellis in greenhouse when at least 55°F		DS: Apr. 21 - May 5	n/a
Cucumber, Pickling	1000-1300/oz	2-4"	8-12"	1/2"	3-6'	DS or TP	75-90°	3-4 weeks	One week after last frost		DS: Apr. 21 - May 5	n/a
Cucumber, Slicing	1000-1300/oz	2-4"	12-24"	1/2"	5-6'	DS or TP	75-90°	3-4 weeks	One week after last frost		DS: Apr. 21 - May 5	n/a
Eggplant	5500-7500/oz	18-24"	18-24"	1/4"	24-36"	TP	75-90°	8-12 weeks	When nights are at least 50°F		SI: Feb. 24 - Mar. 10	n/a
Fennel	5-7M/oz	2"	6-8"	1/4-1/2"	18"	DS or TP	60-65°	4-5 weeks	After last hard frost		SI: Feb. 24 - Mar. 10	n/a
Garlic, Softneck	50 cloves/lb	6"	same	2" with mulch, 3-4" without	18"	DS	55-85°	n/a	After first frost and before ground freezes		DS: Mar. 10 - Mar. 24	DS: Oct. 13 - Oct. 20
Garlic, Hardneck	40 cloves/lb	6"	same	2" with mulch, 3-4" without	18"	DS	55-85°	n/a	After first frost and before ground freezes		DS: Mar. 10 - Mar. 24	DS: Oct. 13 - Oct. 20
Greens, Baby Leaf/Salad	16-24M/oz	60 seeds/ft in 2-4" bands	same	1/8"	3-4" between bands	DS	55-85°	n/a	As soon as soil can be worked		SI: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Greens, Arugula, Full size	15M/oz	10 seeds/ft	4-6"	1/4"	18"	DS	65-85°	n/a	As soon as soil can be worked		SI: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Greens, Asian, Baby	12M/oz	60 seeds/ft in 2-4" bands	same	1/4"	3-4" between bands	DS	70-95°	n/a	As soon as soil can be worked		SI: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Greens, Beet	1500/oz	40 seeds/ft in 2-4" band	same	1-2"	2-4" between bands	DS	60-85°	n/a	As soon as soil can be worked		SI: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Greens, Cress, Garden	10M/oz	1/2" apart in 2-4" bands	same	1/4"	2-4" between bands	DS	65-85°	n/a	As soon as soil can be worked		SI: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Greens,	19M/oz	1"	4"	1/4"	12-18"	DS	65-85°	n/a	After last frost		SI: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25

Cress, Upland Greens	13M/oz	6 seeds/ft	4-6"	1/8"	18-24"	DS	65-85°	n/a	As soon as soil can be worked	Sl: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Belgian endive Greens, Endive, baby	17-20M/oz	30 seeds/ft in 2-4" bands	same	1/8"	3-4" between bands	DS or TP	60-85°	6-8 weeks	As soon as soil can be worked	Sl: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Greens, Escarole, full size	12-16M/oz	2"	2"	10-12"	1/8"	DS or TP	60-85°	6-8 weeks	As soon as soil can be worked	Sl: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Greens, Mustard	14-18M/oz	60 seeds/ft in 2-4" band	same	1/4"	3-4" between bands	DS	65-85°	n/a	As soon as soil can be worked	Sl: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Greens, Purslane	65M/oz	1/2"	4-6"	1/4"	16-20"	DS	68-74°	n/a	After last frost	Sl: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Greens, Radicchio	14M/oz	8 seeds/ft	8-12"	1/4"	24"	DS or TP	68-85°	4-6 weeks	After last frost	Sl: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Greens, Radish	1-2M/oz	60 seeds/ft in 2-4" band	same	1/4"	2-3" between bands	DS	55-85°	n/a	As soon as soil can be worked	Sl: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Herbs, Basil	13-40M/oz	4-8"	same	1/4"	12-24"	DS or TP	70-90°	4-6 weeks	After last frost	Sl: Feb. 24 - Mar. 10	n/a
Herbs, Chives	6-26M/oz	4-8" annual, 12-18" perennial	same	1/4-1/2"	18-24"	DS or TP	60-70°	10-12 weeks	After last hard frost	Sl: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Herb, Parsley	12-20M/oz	1/4"	12-18"	1/4"	18-24"	DS or TP	50-80°	6-8 weeks	After last hard frost	Sl: Feb. 24 - Mar. 10	n/a
Herbs, Dill	15M/oz	10 seeds/ft	2-4"	1/4"	18-24"	DS	50-80°	n/a	After last hard frost	DS: Apr. 21 - May 19	n/a
Herbs, Cilantro	2M/oz	2"	4-6"	1/4"	12"	DS or TP	50-80°	4-6 weeks	After last hard frost	DS: Apr. 21 - May 19	n/a
Kale, Full size	6-9M/oz	2"	10-18"	1/4-1/2"	18-30"	DS or TP	70-95°	4 weeks	After last hard frost	Sl: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Kale, Baby	6-9M/oz	60 seeds/ft in 2-4" bands	same	1/4-1/2"	2"	DS	70-95°	n/a	As soon as soil can be worked	Sl: Feb. 24 - Mar. 10	DS: July 14 - Aug. 25
Kohlrabi	5-9M/oz	1"	4"	1/4-1/2"	12-18"	DS or TP	65-85°	4-6 weeks	As soon as soil can be worked	DS: Feb. 24 - Mar. 10	DS: June 16 - Aug. 4
Leek	9.5-11M/oz	1-2"	6"	1/4"	24"	TP	60-80°	10-12 weeks	As soon as soil can be worked	Sl: Feb. 3 - Feb. 10	DS: Oct. 13 - Oct. 20
Lettuce, Baby leaf	20-30M/oz	60 seeds/ft in 2" bands	same	1/8"	3-4" between bands	DS	40-80°	n/a	After last hard frost	Sl: Feb. 24 - Mar. 10	DS: Aug. 11 - Sept. 15
Lettuce, Full Size	20-30M/oz	3"	8-12"	1/8"	12-18"	DS or TP	40-80°	3-4 weeks	After last hard frost	Sl: Feb. 24 - Mar. 10	DS: Aug. 11 - Sept. 15
Melon	1000-1250/oz	12-18"	12-18"	1/2"	6'	DS or TP	75-95°	4 weeks	2 weeks after last frost	Sl: Apr. 7 - Apr. 21	n/a
Okra	400-500/oz	6-12"	12-18"	1"	3'	DS or TP	75-95°	6 weeks	After last frost	DS: Apr. 21 - May 5	n/a
Onions/Shallots	6-8M/oz	20 seeds/ft	3-6"	1/8-1/4"	18-30"	TP	50-95°	8-12 weeks	After last hard frost	Sl: Feb. 3 - Feb. 10	DS: Oct. 13 - Oct. 20
Onions, Bunching/Scallions	6-8M/oz	50 seeds/ft in 2-3" bands	same	1/4-1/2"	12-18"	DS	50-95°	n/a	As soon as soil can be worked	Sl: Feb. 3 - Feb. 10	DS: Oct. 13 - Oct. 20
Parsnip	6-7M/oz	20 seeds/ft in 2" bands	2-3"	1/2"	18-24"	DS	45-65°	n/a	As soon as soil can be worked	DS: Mar. 10 - Apr. 7	DS: Sept. 29 - Oct. 27
Peas Dwarf	90-170/oz	1 1/2"	same	1-2"	12-18"	DS	50-75°	n/a	As soon as soil can be worked	Sl: Feb. 24 - Mar. 24	DS: Aug. 11 - Sept. 15
Peas, Trellising	90-170/oz	2 1/2"	same	1-2"	2-6'	DS	50-75°	n/a	As soon as soil can be worked	Sl: Feb. 24 - Mar. 24	DS: Aug. 11 - Sept. 15
Pepper	12-18"	12-18"	same	1/4"	18-36"	TP	68-95°	6-8 weeks	After last frost	Sl: Feb. 24 - Mar. 10	n/a
Potatoes, New/Fingerling	20 pieces/lb	12"	same	3-6"	36"	DS	50-75°	n/a	1-2 weeks before last frost	Sl: Feb. 24 - Mar. 24	n/a
Potatoes, Full Size	8-10 pieces/lb	12"	same	3-6"	36"	DS	50-75°	n/a	1-2 weeks before last frost	Sl: Feb. 24 - Mar. 24	n/a
Pumpkin, Bush/Semi-Bush	155-400/oz	2-3 seeds/18"	18"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost	DS: Apr. 21 - May 5	n/a
Pumpkin, Vining	155-400/oz	2-3 seeds/36"	24-36"	1/2-1"	9-12'	DS or TP	70-90°	3-4 weeks	After last frost	DS: Apr. 21 - May 5	n/a
Radish, Winter	1875-3625/oz	4-6"	same	1/4-1/2"	12-16"	DS	55-85°	n/a	As soon as soil can be worked	DS: Mar. 10 - May 5	DS: Sept. 15 - Oct. 13
Radish, Garden	1875-3625/oz	1"	6"	3/4"	18-24"	DS	60-95°	n/a	As soon as soil can be worked	DS: Mar. 10 - May 5	DS: Sept. 15 - Oct. 13
Rutabaga	11M/oz	2"	6"	3/4"	18-24"	DS	60-95°	n/a	Spring /early summer	DS: Mar. 10 - Apr. 7	DS: Sept. 29 - Oct. 27
Spinach, Baby leaf	1550-3750/oz	40 seeds/ft in 2-4" bands	same	1/8-1/4"	1-2" between bands	DS	45-65°	n/a	As soon as soil can be worked until early fall	DS: Feb. 24 - Mar. 10	DS: Aug. 11 - Sept. 15
Spinach, Bunching	1550-3750/oz	10 seeds/ft	2"	1/8-1/4"	12-18"	DS	45-65°	n/a	As soon as soil can be worked until early fall	DS: Feb. 24 - Mar. 10	DS: Aug. 11 - Sept. 15
Squash, Summer	220-375/oz	3-6"	12-24"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost	DS: Apr. 21 - May 5	n/a

Squash, Winter, Bush	105-470/oz	6-12"	18-24"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost	DS: Apr. 21 - May 5	n/a
Squash, Winter, Vining	105-470/oz	6-12"	24-36"	1/2-1"	9'	DS or TP	70-90°	3-4 weeks	After last frost	DS: Apr. 21 - May 5	n/a
Tomato, Determinante	280-450/gm	12-18"	same	1/4"	4-6'	TP	60-85°	6-8 weeks	After last frost	SI: Feb. 24 - Mar. 10	n/a
Tomato, Indeterminate	280-450/gm	24-36"	same	1/4"	4-6'	TP	60-85°	6-8 weeks	After last frost	SI: Feb. 24 - Mar. 10	n/a
Tomato, Greenhouse	280-450/gm	16-24"	same	1/4"	4-5'	TP	60-85°	6-8 weeks	Trellis in greenhouse when at least 65°F	SI: Feb. 24 - Mar. 10	n/a
Tomatillo	18M/oz	12-18"	same	1/4"	4-6'	TP	60-85°	4-5 weeks	After last frost	SI: Feb. 24 - Mar. 10	n/a
Turnip	11M/oz	8 seeds/ft	2-4"	3/4"	12-18"	DS	60-95°	n/a	As soon as soil can be worked	DS: Mar. 10 - Apr. 7	DS: Sept. 29 - Oct. 27
Watermelon	600-900/oz	4-6"	12-18"	1/2"	6'	DS or TP	75-95°	4 weeks	2 weeks after last frost	DS: Apr. 21 - May 5	n/a
Zucchini	155-260/oz	3-6"	12-24"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost	DS: Apr. 21 - May 5	n/a