

Planting Chart



Cut out this page & bring it with you!

*Spacing requirements may vary. Due to the wide variety of tools and techniques available to both gardeners and commercial growers, this chart should only be used as a guide.

CROP TYPE	Seeds/Unit, M=1,000	Plant Spacing for direct sowing or transplanting	Seed Planting Depth	Row Spacing	Direct Sow or Transplant	Soil Temp (°F) for germination	Start Transplants (before setting out)	When to Plant Out
Artichokes	625/oz	12-24"	1/4"	5'	TP	60-80°	10-12 weeks	After last frost
Bean, Bush, Dry	75-220/oz	8 seeds/foot	1"	18-30"	DS	60-80°	n/a	After last frost
Bean, Bush, Snap	75-220/oz	8 seeds/foot	1"	18-30"	DS	60-80°	n/a	After last frost
Bean, Pole	75-220/oz	8 seeds/foot	1"	5'	DS	60-80°	n/a	After last frost
Bean, Soy	75-220/oz	8 seeds/foot	1"	18-30"	DS	70-90°	n/a	After last frost
Beet	1.5-2.5M/oz	15 seeds/foot	1/2"	12-18"	DS	60-85°	n/a	As soon as soil can be worked
Broccoli	5.6-9.4M/oz	10-16"	1/4-1/2"	18"	DS or TP	65-85°	4-6 weeks	After last hard frost
Broccoli, Sprouting	4-9M/oz	3 seeds every 12"	1/2"	18"	DS	50-65°	n/a	After last frost or in late summer
Brussels Sprouts	7M/oz	18-24"	1/4-1/2"	30"	DS or TP	65-75°	4-6 weeks	As soon as soil can be worked
Cabbage, Chinese/Napa	5-9M/oz	10-16"	1/2"	18"	DS or TP	70-95°	3-5 weeks	When nights are at least 50°F
Cabbage, Fresh Market	5-9M/oz	10-18"	1/2"	12-18"	DS or TP	55-95°	4-6 weeks	After last hard frost
Cabbage, Storage	5-9M/oz	18-24"	1/2"	18-30"	DS or TP	55-95°	4-6 weeks	10 weeks before first frost
Carrot	11-37M/oz	15-40 seeds/foot	1/4-1/2"	12-18"	DS	60-85°	n/a	As soon as soil can be worked
Cauliflower	5-10M/oz	12-18"	1/4-1/2"	18"	DS or TP	55-80°	4-6 weeks	After last hard frost
Celery/Celeriac	50-70M/oz	6-10"	1/8"	18-24"	TP	60-70°	10-12 weeks	2-3 weeks before last frost
Chard, Bunching	1.2-2.5M/oz	8-12"	1/2"	18-24"	DS or TP	65-85°	4-6 weeks	After last hard frost
Chard, Baby	1.2-2.5M/oz	40 seeds/foot	1/2"	2-6"	DS	65-85°	n/a	After last hard frost
Collards	6-9M/oz	8-12"	1/4-1/2"	18-30"	DS or TP	70-95°	4 weeks	As soon as soil can be worked
Corn	100-200/oz	2 seeds every 12"	1-2"	30-36"	DS or TP	60-95°	7-10 days	When soil is at least 55°F
Cucumber, Greenhouse	1-1.3M/oz	20"	1/2"	5-6'	TP	75-90°	3-4 weeks	Trellis in greenhouse when at least 55°F
Cucumber, Pickling	1-1.3M/oz	8-12"	1/2"	3-6'	DS or TP	75-90°	3-4 weeks	One week after last frost
Cucumber, Slicing	1-1.3M/oz	12-24"	1/2"	5-6'	DS or TP	75-90°	3-4 weeks	One week after last frost
Eggplant	5.5-7.5M/oz	12-18"	1/4"	24-36"	TP	75-90°	8-12 weeks	When nights are at least 50°F
Fennel	5-7M/oz	6-8"	1/4-1/2"	18"	DS or TP	60-65°	4-5 weeks	After last hard frost
Garlic, Softneck	50 cloves/lb	6"	2" with mulch, 3-4" without	18"	DS	55-85°	n/a	After first frost and before ground freezes
Garlic, Hardneck	40 cloves/lb	6"	2" with mulch, 3-4" without	18"	DS	55-85°	n/a	After first frost and before ground freezes
Greens, Baby Leaf/Salad	16-24M/oz	60 seeds/foot in 2-4" bands	1/8"	3-4" between bands	DS	55-85°	n/a	As soon as soil can be worked
Greens, Arugula, Full Size	15M/oz	60 seeds/foot in 2-4" bands	1/4"	3-4" between bands	DS	65-85°	n/a	As soon as soil can be worked
Greens, Asian, Baby	12M/oz	60 seeds/foot in 2-4" bands	1/4"	3-4" between bands	DS	70-95°	n/a	As soon as soil can be worked
Greens, Beet	1.5M/oz	40 seeds/foot in 2-4" bands	1/2"	2-4" between bands	DS	60-85°	n/a	As soon as soil can be worked
Greens, Cress, Garden	10M/oz	24 seeds/foot in 2-4" bands	1/4"	2-4" between bands	DS	65-85°	n/a	As soon as soil can be worked
Greens, Cress, Upland	19M/oz	12 seeds/foot	1/4"	12-18"	DS	65-85°	n/a	After last frost
Greens, Endive, Belgian	13M/oz	6 seeds/foot	1/8"	18-24"	DS	65-85°	n/a	As soon as soil can be worked
Greens, Endive, Baby	17-20M/oz	30 seeds/foot in 2-4" bands	1/8"	3-4" between bands	DS or TP	60-85°	6-8 weeks	As soon as soil can be worked
Greens, Escarole, Full Size	12-16M/oz	15 seeds/foot in rows 6-12" apart	1/8"	12-18"	DS or TP	60-85°	6-8 weeks	As soon as soil can be worked
Greens, Mustard	14-18M/oz	60 seeds/foot in 2-4"	1/4"	3-4" between bands	DS	65-85°	n/a	As soon as soil can be worked

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Greens, Purslane	65M/oz	30 seeds/foot in 2-4" bands	1/4"	12-18"	DS	68-74°	n/a	After last frost
Greens, Radicchio	14M/oz	8-12"	1/4"	12-18"	DS or TP	68-85°	4-6 weeks	After last frost
Greens, Radish	1-2M/oz	20 seeds/foot in 2-4" bands	1/4"	2-3" between bands	DS	55-85°	n/a	As soon as soil can be worked
Herbs, Basil	13-40M/oz	4-8"	1/4"	12-24"	DS or TP	70-90°	4-6 weeks	After last frost
Herbs, Chives	6-26M/oz	4-8" annual, 12-18" perennial	1/4-1/2"	12-18"	DS or TP	60-70°	10-12 weeks	After last hard frost
Herbs, Cilantro	12-20M/oz	50 seeds/foot, 6-12" between transplants	1/4"	12-18"	DS or TP	50-80°	6-8 weeks	After last hard frost
Herbs, Dill	15M/oz	40 seeds/foot	1/4"	12-18"	DS	50-80°	n/a	After last hard frost
Herbs, Parsley	2M/oz	40 seeds/foot	1/4"	12-18"	DS or TP	50-80°	4-6 weeks	After last hard frost
Kale, Full Size	6-9M/oz	10-18"	1/4-1/2"	16-30"	DS or TP	70-95°	4 weeks	After last hard frost
Kale, Baby	6-9M/oz	60 seeds/foot in 2-4" bands	1/4-1/2"	2-6" between bands	DS	70-95°	n/a	As soon as soil can be worked
Kohlrabi	5-9M/oz	4-10"	1/4-1/2"	12-18"	DS or TP	65-85°	4-6 weeks	As soon as soil can be worked
Leek	9.5-11M/oz	6"	1/4"	18-24"	DS or TP	60-80°	10-12 weeks	As soon as soil can be worked
Lettuce, Baby Leaf	20-30M/oz	60 seeds/foot in 2" bands	1/8"	3-4" between bands	DS	40-80°	n/a	After last hard frost
Lettuce, Full Size	20-30M/oz	8-12"	1/8"	12-18"	DS or TP	40-80°	3-4 weeks	After last hard frost
Lettuce, One-cuts	20-30M/oz	4-6"	1/8"	4-6"	TP	40-80°	3-4 weeks	After last hard frost
Melon	1-1.25M/oz	12-18"	1/2"	6'	DS or TP	75-95°	4 weeks	After last frost
Okra	400-500/oz	12-18"	1"	3'	DS or TP	75-95°	6 weeks	After last frost
Onions/Shallots	6-8M/oz	10 seeds/foot	1/8-1/4"	18-30"	DS or TP	50-95°	8-12 weeks	After last hard frost
Onions, Bunching	6-8M/oz	50 seeds/foot in 2-3" bands	1/4-1/2"	12-18"	DS	50-95°	n/a	As soon as soil can be worked
Parsnip	6-7M/oz	20 seeds/foot in 2" bands 2-3"	1/2"	18-24"	DS	50-65°	n/a	After last frost
Peas	90-170/oz	24-30 seeds/foot	1-2"	2-6'	DS	50-75°	n/a	As soon as soil can be worked
Pepper	2.8-4.9M/oz	12-18"	1/4"	18-36"	TP	68-95°	6-8 weeks	After last frost
Potatoes, New/Fingerling	14 pieces/lb	10-12"	1-3"	36"	DS	50-75°	n/a	1-2 weeks before last frost
Potatoes, Full Size	8-10 pieces/lb	10-12"	1-3"	36"	DS	50-75°	n/a	1-2 weeks before last frost
Pumpkin, Bush/Semi-Bush	155-400/oz	18"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
Pumpkin, Vining	155-400/oz	24-36"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
Radish, Winter	1.8-3.6M/oz	4 seeds/foot	1/4-1/2"	12-16"	DS	55-85°	n/a	As soon as soil can be worked
Radish, Garden	1.8-3.6M/oz	20 seeds/foot	1/4-1/2"	8-12"	DS	55-85°	n/a	As soon as soil can be worked
Rutabaga	11M/oz	6 seeds/foot	3/4"	18-24"	DS	60-95°	n/a	Spring /early summer
Spinach, Baby Leaf	1.5-3.7M/oz	40 seeds/foot in 2-4" bands	1/8-1/4"	1-2" between bands	DS	45-65°	n/a	As soon as soil can be worked until early fall
Spinach, Full Size	1.5-3.7M/oz	10 seeds/foot	1/8-1/4"	12-18"	DS	45-65°	n/a	As soon as soil can be worked until early fall
Squash, Summer	220-375/oz	12-24"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost
Squash, Winter, Bush	105-470/oz	18-24"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
Squash, Winter, Vining	105-470/oz	24-36"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
Tomato, Determinate	280-450/gm	12-18"	1/4"	4-6'	TP	60-85°	6-8 weeks	After last frost
Tomato, Indeterminate	280-450/gm	18-36"	1/4"	4-6'	TP	60-85°	6-8 weeks	After last frost
Tomato, Greenhouse	280-450/gm	16-24"	1/4"	6'	TP	60-85°	6-8 weeks	Trellis in greenhouse when at least 65°F
Tomatillo	18M/oz	18-36"	1/4"	4-6'	TP	60-85°	4-5 weeks	After last frost
Turnip	11M/oz	8 seeds/foot in 2-4" bands	3/4"	12-18"	DS	60-95°	n/a	As soon as soil can be worked
Watermelon	600-900/oz	12-18"	1/2"	6'	DS or TP	75-95°	4 weeks	After last frost
Zucchini	155-260/oz	12-24"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost