

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	Initial Spacing for direct seeding	Final Spacing for DS or TP	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	1-2'	same	1/4"	5'	TP	60-80°	10-12 weeks	After last frost
Bean, Bush, Dry	75-220/oz	1-2"	same	1-2"	28-36"	DS	60-80°	n/a	After last frost
Bean, Bush, Snap	75-220/oz	2-3"	same	1-2"	18-36"	DS	60-80°	n/a	After last frost
Bean, Pole	75-220/oz	1-2"	same	1-2"	12"	DS	60-80°	n/a	After last frost
Bean, Soy	75-220/oz	2-3"	same	1-2"	18-36"	DS	70-90°	n/a	After last frost
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
Broccoli	4-9M/oz	8-12"	same	1/4-1/2"	18"	DS or TP	65-85°	4-6 weeks	After last hard frost
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
Brussels Sprouts	7M/oz	18-24"	same	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	2-4 seeds/ft	10-16"	1/2"	18"	DS or TP	70-95°	4-6 weeks	When nights are at least 50°F
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
Cabbage, Storage	5-9M/oz	2-4 seeds/ft	18-24"	1/2"	18-38"	DS or TP	55-95°	4-6 weeks	10 weeks before first frost
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
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
Celery/Celeriac	50-70M/oz	6-10"	same	1/8"	18-24"	TP	60-70°	10-12 weeks	2-3 weeks before last frost
Chard, Bunching	1250-2500/oz	6 seeds/ft	4-8"	1/2"	18-24"	DS or TP	65-85°	4-6 weeks	After last hard frost
Chard, Baby	1250-2500/oz	40 seeds/ft in 2-4" band	same	1/2"	2-4"	DS	65-85°	n/a	After last hard frost
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
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
Corn, Mid-Late season	100-200/oz	2-4"	8-12"	1-2"	36"	DS or TP	60-95°	7-10 days	When soil is at least 55°F
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
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
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
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
Fennel	5-7M/oz	2"	6-8"	1/4-1/2"	18"	DS or TP	60-65°	4-5 weeks	After last hard frost
Garlic, Softneck	50 cloves/lb	3-6"	same	2" with mulch, 3-4" without	18"	DS	55-85°	n/a	After first frost and before ground freezes
Garlic, Hardneck	40 cloves/lb	3-6"	same	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/ft in 2-4" bands	same	1/8"	3-4" between bands	DS	55-85°	n/a	As soon as soil can be worked
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
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
Greens, Beet	1500/oz	40 seeds/ft in 2-4" bands	same	1-2"	2-4" between bands	DS	60-85°	n/a	As soon as soil can be worked
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
Greens, Cress, Upland	19M/oz	1"	4"	1/4"	12-18"	DS	65-85°	n/a	After last frost
Greens, Belgian endive	13M/oz	6 seeds/ft	4-6"	1/8"	18-24"	DS	65-85°	n/a	As soon as soil can be worked
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
Greens, Escarole, full size	12-16M/oz	2"	10-12"	1/8"	12-18"	DS or TP	60-85°	6-8 weeks	As soon as soil can be worked

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Greens, Mustard	14-18M/oz	60 seeds/ft in 2-4" bands	same	1/4"	3-4" between bands	DS	65-85°	n/a	As soon as soil can be worked
Greens, Purslane	65M/oz	1/2"	4-6"	1/4"	16-20"	DS	68-74°	n/a	After last frost
Greens, Radicchio	14M/oz	8 seeds/ft	8-12"	1/4"	24"	DS or TP	68-85°	4-6 weeks	After last frost
Greens, Radish	1-2M/oz	60 seeds/ft in 2-4" bands	same	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"	same	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	same	1/4-1/2"	18-24"	DS or TP	60-70°	10-12 weeks	After last hard frost
Herbs, Parsley	12-20M/oz	1/4"	12-18"	1/4"	18-24"	DS or TP	50-80°	6-8 weeks	After last hard frost
Herbs, Dill	15M/oz	10 seeds/ft	2-4"	1/4"	18-24"	DS	50-80°	n/a	After last hard frost
Herbs, Cilantro	2M/oz	2"	4"	1/4"	12"	DS or TP	50-80°	4-6 weeks	After last hard frost
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
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
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
Leek	9.5-11M/oz	1-2"	6"	1/4"	24"	TP	60-80°	10-12 weeks	As soon as soil can be worked
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
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
Melon	1000-1250/oz	12-18"	12-18"	1/2"	6'	DS or TP	75-95°	4 weeks	After last frost
Okra	400-500/oz	6-12"	12-18"	1"	3'	DS or TP	75-95°	6 weeks	After last frost
Onions/Shallots	6-8M/oz	10 seeds/ft	3-6"	1/8-1/4"	18-30"	TP	50-95°	8-12 weeks	After last hard frost
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
Parsnip	6-7M/oz	20 seeds/ft in 2" bands	2-3"	1/2"	18-24"	DS	50-65°	n/a	After last frost
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
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
Pepper	2800-4900/oz	12-18"	same	1/4"	18-36"	TP	68-95°	6-8 weeks	After last frost
Potatoes, New/Fingerling	20 pieces/lb	12"	same	3-6"	36"	DS	50-75°	n/a	1-2 weeks before last frost
Potatoes, Full Size	8-10 pieces/lb	12"	same	3-6"	36"	DS	50-75°	n/a	1-2 weeks before last frost
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
Pumpkin, Vining	155-400/oz	2-3 seeds/36"	24-36"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
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
Radish, Garden	1875-3625/oz	1"	same	1/4-1/2"	8-12"	DS	55-85°	n/a	As soon as soil can be worked
Rutabaga	11M/oz	2"	6"	3/4"	18-24"	DS	60-95°	n/a	Spring /early summer
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
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
Squash, Summer	220-375/oz	6-12"	12-24"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost
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
Squash, Winter, Vining	105-470/oz	6-12"	24-36"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
Tomato, Determinate	280-450/gm	12-18"	same	1/4"	4-6'	TP	60-85°	6-8 weeks	After last frost
Tomato, Indeterminate	280-450/gm	24-36"	same	1/4"	4-6'	TP	60-85°	6-8 weeks	After last frost
Tomato, Greenhouse	280-450/gm	16-24"	same	1/4"	6'	TP	60-85°	6-8 weeks	Trellis in greenhouse when at least 65°F
Tomatillo	18M/oz	12-18"	same	1/4"	4-6'	TP	60-85°	4-5 weeks	After last frost
Turnip	11M/oz	8 seeds/ft"	2-4"	3/4"	12-18"	DS	60-95°	n/a	As soon as soil can be worked
Watermelon	600-900/oz	6-12"	12-18"	1/2"	6'	DS or TP	75-95°	4 weeks	After last frost
Zucchini	155-260/oz	6-12"	12-24"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost