

# 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
<b>Artichokes</b>	625/oz	12-24"	1/4"	5'	TP	60-80°	10-12 weeks	After last frost
<b>Bean, Bush, Dry</b>	75-220/oz	8 seeds/foot	1"	18-30"	DS	60-80°	n/a	After last frost
<b>Bean, Bush, Snap</b>	75-220/oz	8 seeds/foot	1"	18-30"	DS	60-80°	n/a	After last frost
<b>Bean, Pole</b>	75-220/oz	8 seeds/foot	1"	5'	DS	60-80°	n/a	After last frost
<b>Bean, Soy</b>	75-220/oz	8 seeds/foot	1"	18-30"	DS	70-90°	n/a	After last frost
<b>Beet</b>	1.5-2.5M/oz	15 seeds/foot	1/2"	12-18"	DS	60-85°	n/a	As soon as soil can be worked
<b>Broccoli</b>	5.6-9.4M/oz	10-16"	1/4-1/2"	18"	DS or TP	65-85°	4-6 weeks	After last hard frost
<b>Broccoli, Sprouting</b>	4-9M/oz	3 seeds every 12"	1/2"	18"	DS	50-65°	n/a	After last frost or in late summer
<b>Brussels Sprouts</b>	7M/oz	18-24"	1/4-1/2"	30"	DS or TP	65-75°	4-6 weeks	As soon as soil can be worked
<b>Cabbage, Chinese/Napa</b>	5-9M/oz	10-16"	1/2"	18"	DS or TP	70-95°	3-5 weeks	When nights are at least 50°F
<b>Cabbage, Fresh Market</b>	5-9M/oz	10-18"	1/2"	12-18"	DS or TP	55-95°	4-6 weeks	After last hard frost
<b>Cabbage, Storage</b>	5-9M/oz	18-24"	1/2"	18-30"	DS or TP	55-95°	4-6 weeks	10 weeks before first frost
<b>Carrot</b>	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
<b>Cauliflower</b>	5-10M/oz	12-18"	1/4-1/2"	18"	DS or TP	55-80°	4-6 weeks	After last hard frost
<b>Celery/Celeriac</b>	50-70M/oz	6-10"	1/8"	18-24"	TP	60-70°	10-12 weeks	2-3 weeks before last frost
<b>Chard, Bunching</b>	1.2-2.5M/oz	8-12"	1/2"	18-24"	DS or TP	65-85°	4-6 weeks	After last hard frost
<b>Chard, Baby</b>	1.2-2.5M/oz	40 seeds/foot	1/2"	2-6"	DS	65-85°	n/a	After last hard frost
<b>Collards</b>	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
<b>Corn</b>	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
<b>Cucumber, Greenhouse</b>	1-1.3M/oz	20"	1/2"	5-6'	TP	75-90°	3-4 weeks	Trellis in greenhouse when at least 55°F
<b>Cucumber, Pickling</b>	1-1.3M/oz	8-12"	1/2"	3-6'	DS or TP	75-90°	3-4 weeks	One week after last frost
<b>Cucumber, Slicing</b>	1-1.3M/oz	12-24"	1/2"	5-6'	DS or TP	75-90°	3-4 weeks	One week after last frost
<b>Eggplant</b>	5.5-7.5M/oz	12-18"	1/4"	24-36"	TP	75-90°	8-12 weeks	When nights are at least 50°F
<b>Fennel</b>	5-7M/oz	6-8"	1/4-1/2"	18"	DS or TP	60-65°	4-5 weeks	After last hard frost
<b>Garlic, Softneck</b>	50 cloves/lb	6"	2" with mulch, 3-4" without	18"	DS	55-85°	n/a	After first frost and before ground freezes
<b>Garlic, Hardneck</b>	40 cloves/lb	6"	2" with mulch, 3-4" without	18"	DS	55-85°	n/a	After first frost and before ground freezes
<b>Greens, Baby Leaf/Salad</b>	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
<b>Greens, Arugula, Full Size</b>	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
<b>Greens, Asian, Baby</b>	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
<b>Greens, Beet</b>	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
<b>Greens, Cress, Garden</b>	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
<b>Greens, Cress, Upland</b>	19M/oz	12 seeds/foot	1/4"	12-18"	DS	65-85°	n/a	After last frost
<b>Greens, Endive, Belgian</b>	13M/oz	6 seeds/foot	1/8"	18-24"	DS	65-85°	n/a	As soon as soil can be worked
<b>Greens, Endive, Baby</b>	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
<b>Greens, Escarole, Full Size</b>	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
<b>Greens, Mustard</b>	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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<b>Greens,</b> Purslane	65M/oz	30 seeds/foot in 2-4" bands	1/4"	12-18"	DS	68-74°	n/a	After last frost
<b>Greens,</b> Radicchio	14M/oz	8-12"	1/4"	12-18"	DS or TP	68-85°	4-6 weeks	After last frost
<b>Greens,</b> 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
<b>Herbs,</b> Basil	13-40M/oz	4-8"	1/4"	12-24"	DS or TP	70-90°	4-6 weeks	After last frost
<b>Herbs,</b> 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
<b>Herbs,</b> 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
<b>Herbs,</b> Dill	15M/oz	40 seeds/foot	1/4"	12-18"	DS	50-80°	n/a	After last hard frost
<b>Herbs,</b> Parsley	2M/oz	40 seeds/foot	1/4"	12-18"	DS or TP	50-80°	4-6 weeks	After last hard frost
<b>Kale,</b> Full Size	6-9M/oz	10-18"	1/4-1/2"	16-30"	DS or TP	70-95°	4 weeks	After last hard frost
<b>Kale,</b> 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
<b>Kohlrabi</b>	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
<b>Leek</b>	9.5-11M/oz	6"	1/4"	18-24"	DS or TP	60-80°	10-12 weeks	As soon as soil can be worked
<b>Lettuce,</b> 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
<b>Lettuce,</b> Full Size	20-30M/oz	8-12"	1/8"	12-18"	DS or TP	40-80°	3-4 weeks	After last hard frost
<b>Lettuce,</b> One-cuts	20-30M/oz	4-6"	1/8"	4-6"	TP	40-80°	3-4 weeks	After last hard frost
<b>Melon</b>	1-1.25M/oz	12-18"	1/2"	6'	DS or TP	75-95°	4 weeks	After last frost
<b>Okra</b>	400-500/oz	12-18"	1"	3'	DS or TP	75-95°	6 weeks	After last frost
<b>Onions/Shallots</b>	6-8M/oz	10 seeds/foot	1/8-1/4"	18-30"	DS or TP	50-95°	8-12 weeks	After last hard frost
<b>Onions,</b> 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
<b>Parsnip</b>	6-7M/oz	20 seeds/foot in 2" bands 2-3"	1/2"	18-24"	DS	50-65°	n/a	After last frost
<b>Peas</b>	90-170/oz	24-30 seeds/foot	1-2"	2-6'	DS	50-75°	n/a	As soon as soil can be worked
<b>Pepper</b>	2.8-4.9M/oz	12-18"	1/4"	18-36"	TP	68-95°	6-8 weeks	After last frost
<b>Potatoes,</b> New/Fingerling	14 pieces/lb	10-12"	1-3"	36"	DS	50-75°	n/a	1-2 weeks before last frost
<b>Potatoes,</b> Full Size	8-10 pieces/lb	10-12"	1-3"	36"	DS	50-75°	n/a	1-2 weeks before last frost
<b>Pumpkin,</b> Bush/Semi-Bush	155-400/oz	18"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
<b>Pumpkin,</b> Vining	155-400/oz	24-36"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
<b>Radish,</b> 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
<b>Radish,</b> 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
<b>Rutabaga</b>	11M/oz	6 seeds/foot	3/4"	18-24"	DS	60-95°	n/a	Spring /early summer
<b>Spinach,</b> 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
<b>Spinach,</b> 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
<b>Squash,</b> Summer	220-375/oz	12-24"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost
<b>Squash,</b> Winter, Bush	105-470/oz	18-24"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
<b>Squash,</b> Winter, Vining	105-470/oz	24-36"	1/2-1"	6'	DS or TP	70-90°	3-4 weeks	After last frost
<b>Tomato,</b> Determinate	280-450/gm	12-18"	1/4"	4-6'	TP	60-85°	6-8 weeks	After last frost
<b>Tomato,</b> Indeterminate	280-450/gm	18-36"	1/4"	4-6'	TP	60-85°	6-8 weeks	After last frost
<b>Tomato,</b> Greenhouse	280-450/gm	16-24"	1/4"	6'	TP	60-85°	6-8 weeks	Trellis in greenhouse when at least 65°F
<b>Tomatillo</b>	18M/oz	18-36"	1/4"	4-6'	TP	60-85°	4-5 weeks	After last frost
<b>Turnip</b>	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
<b>Watermelon</b>	600-900/oz	12-18"	1/2"	6'	DS or TP	75-95°	4 weeks	After last frost
<b>Zucchini</b>	155-260/oz	12-24"	1/2-1"	5-6'	DS or TP	70-90°	3-4 weeks	After last frost