

VEGETABLE PLANTING GUIDE

Vegetable	Page # range	avg. sds/oz	sds/100'	Pkt plants	distance apart	thin to	row spacing	seed depth	min soil temp °F	ideal soil temp	hardiness	planting dates
Artichoke	4	560	T	10 pl	3'	No	2'	1/2"	60	65-85	MH	tp late
Arugula	27	15000	3g	60'	1"	4"	18"	1/4"	50	65-85	MH	May 1/Aug 1
Asian Greens, assorted	31	5000-15000	varies					1/4"	50	65-85	MH	early May
Basil	79-80	17000	5g	10-80'	1/2"	4"	18"	1/4"	65	70-85	VT	June 1
Bean, Bush, Dry	4-7	90	8 oz	25'	3-4"	No	2-3'	1"	60	60-80	T	late May
Bean, Fava	9	17	1#	12'	3-4"	No	2-3'	1"	40	40-75	H	ASAP
Bean, Lima	9	60	1#	40-60'	4-6"	No	3'	1"	60	70-85	VT	late May
Bean, Pole	7-8	65	6 oz	10 pl/oz	6/pole	3/pole	3-4'	1"	60	60-80	T	late May
Bean, Soy	9	80	5 oz	10'	3"	No	3'	1"	60	70-90	T	June 1
Beet	10-11	2200	5/8 oz	20'	1"	2-4"	12-18"	1/2"	40	60-85	H	Apr-July
Broccoli	11-12	5000-8000	5g	.5g=10'	1"	24-30"	30"	1/4"	50	65-85	MH	tp May/June
Brussels Sprouts	13	5000	5g	.5g=10'	1"	24-30"	24-30"	1/4"	50	65-85	H	tp May/June
Cabbage	13-14	6000-7000	5g	.5g=10'	1"	24-30"	24-30"	1/4"	40	55-95	MH	tp May/June
Carrot	15-16	18000	10g	1/8oz=35'	1/4"-1/2"	1"	16-24"	1/2"	40	60-85	H	Apr-July
Cauliflower	17	6000-7000	4g	.5g=12'	1"	30"	30-36"	1/4"	40	55-80	MH	tp May/June
Celery/Celeryac	18	75000	T	500	8"	No	2-3'	1/8"	40	59-70*	T	tp June 1
Chard	28	800-2000	1 1/2 oz	5-13'	1"	3-6"	18-24"	1/2"	40	50-85	H	ASAP
Chicory	28	16000	T	300 pl	1"	No	2'	1/8"	50	60-85	H	tp late June
Chinese Cabbage	32	9500	1/4 oz	25'	1/2"	12-18"	24-30"	1/4"	50	70-95	MH	late May or tp
Corn, OP	19-21	100	4 oz	50'	3"	1'	3'	1"	50	60-95	T	late May
Corn, hybrid	19-21	155	4 oz	50'	3"	1'	3'	1"	50	60-95	T	late May
Cress	29	9000	3g	50-70'	1/2"	1-2"	18"	1/4"	50	65-85	MH	May 1
Cucumber	22-23	1000	1/2 oz	11'	2"	4"	3-4'	1/2"	60	65-95	VT	June 1 or tp
Eggplant	24	7000	T	40 pl	20-30"	No	30-36"	1/4"	60	75-90*	VT	tp early June
Endive	29	18000	5g	40'	1"	8"	18-24"	1/4"	50	60-85	H	Apr-July
Gourds, large	25	120-280	T	20 pl	6/hill	2-3/hill	6'	1/2"	60	70-90	T	tp early June
Gourds, small	25	500	1/5 oz	10 hills	6/hill	3/hill	4-6'	1/2"	60	70-90	T	late May
Kale/Collards	34-35	5000-8000	5g	1g=20'	1"	12"	2'	1/4"	50	65-85	VH	ASAP-July
Kohlrabi	35	6000	4g	1g=25'	1"	24"	24"	1/4"	50	65-85	MH	tp May/June
Leek	36	9000	T	1g=320 pl	8"	No	2'	1/2"	50	60-70	MH	tp May 1
Lettuce	36-41	25000	4g	1g=25'	1/3"	1'	12-18"	1/8"	35	40-80	H	ASAP-Aug
Mâche	29	17000	1/4 oz	25'	1/2"	2"	18"	1/4"	48	50-68	VH	ASAP-Aug
Melon	42-44	960	T	12-20 hills	3/pot	2/hill	5'	1/2"	60	75-95	VT	tp early June
Mustard	32	15600	1/8 oz	40'	1"	4-6"	2'	1/4"	50	65-85	MH	Apr-Aug
Okra	44	420	T	30 pl	12"	No	2-3'	1/4"	60	70-90	VT	tp early June
Onion/shallots	45-47	7000	T	450 pl	4"	No	12-18"	1/2"	50	60-70	MH	tp May 1
Pac Choi	33	12500	1/4 oz	14-25'	1/2"	6-12"	2'	1/4"	50	70-95	MH	May or tp
Parsley	83	14000	1/4 oz	25'	1/4"	1"	12-18"	1/4"	40	50-80	VH	Apr-Aug
Parsnip	47	7000	1/2 oz	25'	1/2"	2-3"	12-18"	1/2"	46	55-77	VH	Apr-July
Pea	48-49	125	8 oz	25'	1 1/2"	No	3-5'	3/4"	40	50-75	plants H	ASAP
Pea for fall crop	48-49	125	8 oz	25'	1 1/2"	No	3-5'	3/4"	40	50-75	blossoms,pods T	July
Pepper	50-53	2800-5600	T	10-50 pl	12-18"	No	2-3'	1/4"	60	68-95	VT	tp early June
Pumpkin	54-55	100-280	1/2-1oz	3-8 hills	5/hill	3/hill	6'	1"	60	70-90	T	late May
Radicechio	29	19000	1/2 oz	5-30"	1"	8-10"	18"	1/8"	50	60-85	H	late June
Radish	56-57	2500	1 oz	12'	1/2"	2"	18"	1/2"	40	55-85	H	Apr-Aug
Rutabaga/Turnip	73	8000-14000	1/3 oz	40'	1/2"	3-6"	18"	1/4"	40	60-95	H	Apr-July
Salsify/Scorzonera	57	2000	5/8 oz	20'	1"	2"	18"	1/2"	50	65-85	H	Apr-Jun
Shiso	33	14000	T	150 pl	8-12"	No	18-24"	1/4"	65	68-75	VT	tp early June
Spinach	58	1400-2600	1/2 oz	40'	1"	2"	12-18"	1/2"	35	45-65	VH	ASAP
Spinach, fall crop	58	1400-2600	1/2 oz	40'	1"	2"	12-18"	1/2"	35	45-65	VH	Aug
Squash, patty pan	59	200-320	5/8 oz	5-8 hills	5/hill	2-3/hill	4'	1"	60	70-90	T	late May or tp
Squash, winter	61-64	120-450	1/2-2 oz	3-15 hills	5/hill	3/hill	4-6'	1"	60	70-90	T	late May or tp
Squash, summer	59-60	160-320	1/2 oz	5-8 hills	5/hill	2-3/hill	4'	1"	60	70-90	T	late May or tp
Tomato	65-72	9000	T	6-125 pl	3'	No	3'	1/4"	50	60-85	T	tp June 1-10
Watermelon	74-75	670	T	7-14 hills	3/pot	2/hill	5'	1/2"	60	75-95	VT	tp early June
Zucchini	60	180	1 oz	4-6 hills	5/hill	2-3/hill	4'	1"	60	70-90	T	late May or tp

Key: Pkt plants=how many row feet or hills our smallest packet will plant
 T=transplanted only, in our climate.
 tp=transplant pl=plants g=grams, 28.4g=1oz. No=not necessary to thin
 *Celery and some varieties of eggplant require fluctuating day and night temperatures for good germination.

Hardiness rating:

VT=very tender: will not survive frost, can be damaged by temperatures under 40°
 T=tender: will not survive frost
 MH=moderately hardy: survives light frosts
 H=hardy: survives frost generally to the low twenties
 VH=very hardy: will overwinter if protected

Approximate planting date:

ASAP=as soon as ground can be worked, does not thrive in heat
 Approximate planting dates are for our Central Maine climate.
 Please make appropriate adjustments for your climate, using hardiness as a guide.



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A few seeds with unusually thick or hard coatings may benefit from **scarification** just before sowing. This is accomplished by nicking them with a knife, a pinpoint or lightly scratching them with sandpaper.

Some seeds need to be **stratified** before sowing. This tricks the seed into thinking it has gone through winter followed by the gradual warm-up of spring. It is accomplished by first moistening and then chilling the seed for a specified period of time.

Seed counts are provided as a *guide*, not a *guarantee*. They vary from cultivar to cultivar and year to year. Planting rates will vary if intensive methods such as beds are used.

Minimum soil temperatures are the lowest that will permit *any* germination. Expect slow spotty germination if you plant below or above the ideal range. For a good stand and quickest emergence plant as close to the middle of the ideal range as possible. If you have specific cultural questions, consult more detailed resources or get in touch with us.