

VEGETABLE PLANTING GUIDE

Vegetable	Catalog # 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
Amaranth	3000-12	25000	1/16 oz	100'	3"	6"	18"	1/8"	60	70-85	T	June 1
Artichoke	3608	180	T	10 pl	3'	No	2'	1/2"	60	65-85	MH	tp late
Arugula	3020-29	13000	3g	60'	1"	4"	18"	1/4"	50	65-85	MH	May 1/Aug 1
Basil	4413-4470	18000	5g	10-80'	1/2"	4"	18"	1/4"	65	70-85	VT	June 1
Bean, Bush, Dry	200-79,300-85	90	8 oz	25'	3-4"	No	2-3'	1"	60	60-80	T	late May
Bean, Fava	299	17	1#	12'	4-6"	No	2-3'	1"	50	60-80	H	April
Bean, Lima	323-325	65	1#	40-60'	4-6"	No	3'	1"	60	70-85	VT	late May
Bean, Pole	280-97,318,325	65	6 oz	10 pl/oz	6/pole	3/pole	3-4'	1"	60	60-80	T	late May
Bean, Soy	480-99	85	5 oz	10'	3"	No	3'	1"	60	70-90	T	June 1
Beet	2100-99	2200	1/2 oz	20'	1"	2-4"	12-18"	1/2"	40	60-85	H	Apr-July
Broccoli	3300-29	7000	5g	.5g=10'	1"	24-30"	30"	1/4"	50	65-85	MH	tp May/June
Brussels Sprouts	3330-49	5000	5g	.5g=10'	1"	24-30"	24-30"	1/4"	50	65-85	H	tp May/June
Cabbage	3350-99	7500	5g	.5g=10'	1"	24-30"	24-30"	1/4"	40	55-95	MH	tp May/June
Carrot	2000-99	18000	10g	1/8oz=35'	1/4"-1/2"	1"	16-24"	1/2"	40	60-85	H	Apr-July
Cauliflower	3400-40	8000	4g	.5g=12'	1"	30"	30-36"	1/4"	40	55-80	MH	tp May/June
Celery/Celeriac	3610-49	75000	T	500	8"	No	2-3'	1/8"	40	59-70*	T	tp June 1
Chard	3030-42	800-2000	1 1/2 oz	5-13'	1"	3-6"	18-24"	1/2"	40	50-85	H	ASAP
Chicory	3046-48	1800	T	300 pl	1"	No	2'	1/8"	50	60-85	H	tp late June
Chinese Cabbage	3273-3276	9500	1/4 oz	25'	1/2"	12-18"	24-30"	1/4"	50	70-95	MH	late May
Corn, OP	500-699	100	4 oz	50'	3"	1'	3'	1"	50	60-95	T	late May
Corn, SE	500-699	155	4 oz	50'	3"	1'	3'	1"	50	60-95	T	late May
Cress	3050-58	9000	3g	50-70'	1/2"	1-2"	18"	1/4"	50	65-85	MH	May 1
Cucumber	1200-1399	1000	1/2 oz	11'	2"	4"	3-4"	1/2"	60	65-95	VT	June 1
Eggplant	3650-90	6000	T	40 pl	20-30"	No	30-36"	1/4"	60	75-90*	VT	tp early Jun
Endive	3060-99	18000	5g	40'	1"	8"	18-24"	1/4"	50	60-85	H	Apr-July
Gourds, large	1960-99	175	T	20 pl	6/hill	2-3/hill	6'	1/2"	60	70-90	T	tp early Jun
Gourds, small	1900-59	500	1/5 oz	10 hills	6/hill	3/hill	4-6'	1/2"	60	70-90	T	late May
Kale/Collards	3441-69	7500	5g	40'	1"	12"	2'	1/4"	50	65-85	VH	ASAP-July
Kohlrabi	3470-79	8500	4g	50'	1"	24"	24"	1/4"	50	65-85	MH	tp May/June
Leek	2400-29	10000	T	600 pl	8"	No	2'	1/2"	50	60-80	MH	tp May 1
Lettuce	2700-2999	25000	4g	1g=25'	1/3"	1"	12-18"	1/8"	35	40-80	H	ASAP-Aug
Mâche	3100-19	18000	1/4 oz	30'	1/2"	2"	18"	1/4"	48	50-80	VH	ASAP-Aug
Melon, musk	900-49,1000-99	1200	T	14-20 hills	3/pot	2/hill	5"	1/2"	60	75-95	VT	tp early Jun
Mustard	3220-59	15600	1/8 oz	40'	1"	4-6"	2'	1/4"	50	65-85	MH	Apr-Aug
Okra	3695-99	420	T	30 pl	12"	No	2-3'	1/4"	60	70-90	VT	tp early Jun
Onion/shallots	2440-99	7000	T	450 pl	4"	No	12-18"	1/2"	40	50-95	MH	tp May 1
Pac Choi	3260-70	12500	1/4 oz	30'	1/2"	6-12"	2'	1/4"	50	70-95	MH	May
Parsley	3155-79	18000	1/4 oz	25'	1/4"	1"	12-18"	1/4"	40	50-80	VH	Apr-Aug
Parsnip	2305-10	5000	1/2 oz	25'	1/2"	2-3"	12-18"	1/2"	52	60-77	VH	Apr-July
Pea/snow, snap	700-899	110	8 oz	25'	1 1/2"	No	3-5'	3/4"	40	50-75	plants H	ASAP
Pea/snow, snap for fall crop		110	8 oz	25'	1 1/2"	No	3-5'	3/4"	40	50-75	blossoms,pods	T July
Pepper	3700-3999	4500	T	10-50 pl	12-18"	No	2-3'	1/4"	60	68-95	VT	tp early Jun
Pumpkin	1700-1799	100-280	1/2-1oz	3-8 hills	5/hill	3/hill	6'	1"	60	70-90	T	late May
Radicchio	3186-91	20000	1/2 oz	30'	1"	8-10"	18"	1/8"	50	60-85	H	late June
Radish	2200-99	2500	1 oz	15'	1/2"	2"	18"	1/2"	40	55-85	H	Apr-Aug
Rutabaga/Turnip	2350-99	9000	1/4 oz	40'	1/2"	3-4"	18"	1/4"	40	60-95	H	Apr-July
Scallion	2439	9200	1/4 oz	15-25'	1/2"	1-2"	12-18"	1/2"	50	65-85	MH	ASAP-Aug
Scorzonera	2322	2000	.6 oz	20'	1"	2"	18"	1/2"	50	65-85	H	Apr-Jun
Skirret	2327	17000	2g	10'	1"	1'	3'	1/2"	50	65-85	VH	May
Spinach	2500-99	1400-2600	1/2 oz	40'	1"	2"	12-18"	1/2"	35	45-65	VH	ASAP
Spinach, fall crop	2500-99	1400-2600	1/2 oz	40'	1"	2"	12-18"	1/2"	35	45-65	VH	Aug
Squash, patty pan	1580-99	300	.6 oz	5-8 hills	5/hill	2-3/hill	4'	1"	60	70-90	T	late May
Squash, winter	1600-1699	120-440	1/2-2 oz	3-15 hills	5/hill	3/hill	4-6'	1"	60	70-90	T	late May
Squash, summer	1400-1599	320	1/2 oz	5-8 hills	5/hill	2-3/hill	4'	1"	60	70-90	T	late May
Tomato	4000-4299	9000	T	50-125pl	3'	No	3'	1/4"	50	60-85	T	tp June 1-10
Watermelon	950-99,1100-99	600	T	7-14 hills	3/pot	2/hill	5'	1/2"	60	75-95	VT	tp early Jun
Zucchini	1400-79	180	1 oz	4-6 hills	5/hill	2-3/hill	4'	1"	60	70-90	T	late May

Abbreviations 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.

Notes: Seed counts are provided as a *guide*, not a *guarantee*. They vary from cultivar to cultivar. 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.

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 by 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.

