

Fedco's Vegetable Planting Guide 2024

Vegetable	page	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	8	560	T	10 pl	3'	-	4'	1/2"	60	70-80	MH	tp late
Arugula	32	15000	3g	60'	1"	4"	18"	1/4"	40	40-55	MH	May 1/Aug 1
Asian Greens	36-38	5000-15000	varies					1/4"	50	65-85	MH	early May
Basil	85-86	17000	5g	10-80'	1/2"	4"	18"	1/4"	65	70-85	VT	June 1
Bean, Bush & Dry	8-12	90	8 oz	25'	3-4"	-	2-3'	1"	60	70-80	T	late May
Bean, Fava	13	17	12 oz	12'	3-4"	-	2-3'	1"	40	40-75	H	ASAP
Bean, Lima	13	65	1#	40-60'	4-6"	-	3'	1"	60	70-85	VT	late May
Bean, Pole	12-13	60	6 oz	7-10'	3-4"	-	6'	1"	60	70-80	T	late May
Bean, Soy	14	80	5 oz	20'	3-4"	-	3'	1"	60	70-90	T	June 1
Beet	14-15	2200	5/8 oz	10'	1"	2-4"	12-18"	1/2"	40	60-85	H	Apr-July
Broccoli	16-17	5000-8000	5g	.5g=10'	1"	24-30"	30"	1/4"	40	65-85	MH	tp May/June
Brussels Sprouts	17	4000-5000	5g	.5g=10'	1"	24-30"	24-30"	1/4"	40	65-85	H	tp May/June
Cabbage	18	6000-7000	5g	.5g=10'	1"	24-30"	24-30"	1/4"	40	45-85	MH	tp May/June
Carrot	20-21	18000	10g	1/8oz=35'	1/4"-1/2"	1"	16-24"	1/2"	40	75-85	H	Apr-July
Cauliflower	19	6000-7000	4g	.5g=12'	1"	30"	30-36"	1/4"	40	55-80	MH	tp May/June
Celery/Celeriac	22	75000	T	500	8"	-	2-3'	1/8"	40	70-75*	T	tp June 1
Chard	33	800-2000	1 1/2 oz	5-13'	2"	12-16"	18-24"	1/2"	40	50-85	H	ASAP
Chicory	33	16000	T	300 pl	1'	-	2'	1/8"	50	60-85	H	tp late June
Chinese Cabbage	37	6000-9000	1/4 oz	25'	1/2"	12-18"	24-30"	1/4"	50	70-80	MH	late May or tp
Corn	23-25	100-155	4 oz	50'	3"	1'	3'	1"	55	60-85	T	late May
Cress	34	9000	3g	50-70'	1/2"	1-2"	18"	1/4"	45	55-75	MH	May 1
Cucumber	26-28	1000	1/2 oz	10'	3"	1'	4-6'	1/2"	65	65-90	VT	June 1 or tp
Eggplant	29	5000-6000	T	40 pl	20-30"	-	30-36"	1/4"	60	75-90*	VT	tp early June
Endive	34	18000	5g	40'	1"	8"	18-24"	1/4"	35	60-85	H	Apr-July
Gourd, large	30	120-280	T	20 pl	6/hill	2-3/hill	6'	1/2"	60	70-90	T	tp early June
Gourd, small	30	500	1/5 oz	10 hills	6/hill	3/hill	4-6'	1/2"	60	70-90	T	late May
Kale/Collards	39-40	5000-8000	5g	1g=20'	1"	12"	2'	1/4"	40	45-85	VH	ASAP-July
Kohlrabi	40	6000	4g	1g=25'	1"	24"	24"	1/4"	40	45-85	MH	tp May/June
Leek	54	9000	T	1g=300 pl	8"	-	2'	1/2"	45	60-70	MH	tp May 1
Lettuce	41-46	25000	4g	1g=25'	1/3"	1"	12-18"	1/8"	35	40-70	H	ASAP-Aug
Mâche	34	10000	1/4 oz	25'	1/2"	2"	18"	1/4"	48	50-68	VH	ASAP-Aug
Melon	47-49	900	T	12-20 hills	3/pot	2/hill	5'	1/2"	60	75-95	VT	tp early June
Mustard	37-38	15600	1/8 oz	50'	1"	4-6"	2'	1/4"	40	65-85	MH	Apr-Aug
Okra	51	350	T	25 pl	12"	-	2-3'	1/4"	60	70-90	VT	tp early June
Onion/shallot	51-53	7000	T	450 pl	4"	-	12-18"	1/2"	40	60-70	MH	tp May 1
Pac Choi	38	12500	1/4 oz	14-25'	1/2"	6-12"	2'	1/4"	50	70-80	MH	May or tp
Parsley	90	14000	1/4 oz	25'	1/4"	1"	12-18"	1/4"	40	50-80	VH	Apr-Aug
Parsnip	54	5600	1/2 oz	25'	1"	2-3"	12-18"	1/2"	46	55-77	VH	Apr-July
Pea	55-56	80	8 oz	25'	1 1/2"	-	3-5'	3/4"	40	50-75	plants H	ASAP
Pea for fall crop	55-56	80	8 oz	25'	1 1/2"	-	3-5'	3/4"	40	50-75	T	July
Pepper	57-61	2800-5600	T	15-40 pl	12-18"	-	2-3'	1/4"	60	68-95	VT	tp early June
Pumpkin	72-73	100-280	1/2-1oz	3-8 hills	5/hill	3/hill	6'	1"	60	70-90	T	late May
Radicchio	34	19000	1/2 oz	5-30'	1"	8-10"	18"	1/8"	50	60-85	H	late June
Radish	62-63	2500	1 oz	12'	1-2"	2-3"	18"	1/2"	40	55-85	H	Apr-Aug
Scorzonera	63	2000	5/8 oz	20'	1"	2"	18"	1/2"	50	65-85	H	Apr-Jun
Shiso	38	14000	1g	100'	1-3"	8-12"	18-24"	1/4"	65	68-75	VT	tp early June
Spinach	64	1500-2800	1/2 oz	40'	1"	2-3"	12-18"	1/2"	35	45-65	VH	ASAP
Spinach, fall crop	64	1500-2800	1/2 oz	40'	1"	2-3"	12-18"	1/2"	35	45-65	VH	Aug
Squash, summer	65-66	200-320	1/2 oz	5-8 hills	5/hill	2-3/hill	4'	1"	60	70-90	T	late May or tp
Squash, winter	68-71	120-440	1/2-2 oz	3-15 hills	5/hill	2-3/hill	4-6'	1"	60	70-90	T	late May or tp
Tomato	74-81	9000	T	8-125 pl	3'	-	3'	1/4"	60	75-90	T	tp June 1-10
Turnip/Rutabaga	82	8000-14000	1/3 oz	40'	1/2"	3-6"	18"	1/4"	40	60-85	H	Apr-July
Watermelon	49-50	600	T	7-10 hills	3/pot	2/hill	5'	1/2"	60	75-95	VT	tp early June
Zucchini	66-67	130-240	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.

*Celery and some varieties of eggplant require fluctuating day and night temperatures for good germination.

Hardiness rating:

- VT = very tender: will not survive frost; damaged by temps below 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.

Scarification & Stratification

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 or lightly scratching them with sandpaper or an emery board.

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.