

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 |
|------------------------|----------------------------|-------------|----------|-------------|----------------|----------|-------------|------------|------------------|-----------------|-----------------|----------------|
| Artichoke | 3608 | 560 | T | 10 pl | 3' | No | 2' | 1/2" | 60 | 65-85 | MH | tp late |
| Arugula | 3020-29 | 15000 | 3g | 60' | 1" | 4" | 18" | 1/4" | 50 | 65-85 | MH | May 1/Aug 1 |
| Asian Greens, assorted | 3200-23 | 5000-15000 | varies | | | | | 1/4" | 50 | 65-85 | MH | early May |
| Basil | 4414-4470 | 18000 | 5g | 10-80' | 1/2" | 4" | 18" | 1/4" | 65 | 70-85 | VT | June 1 |
| Bean, Bush, Dry | 200-79,326-90 | 90 | 8 oz | 25' | 3-4" | No | 2-3' | 1" | 60 | 60-80 | T | late May |
| Bean, Fava | 298-99 | 17 | 1# | 12' | 3-4" | No | 2-3' | 1" | 40 | 40-75 | H | ASAP |
| Bean, Lima | 323-325 | 60 | 1# | 40-60' | 4-6" | No | 3' | 1" | 60 | 70-85 | VT | late May |
| Bean, Pole | 280-97, 318, 322, 325, 371 | 65 | 6 oz | 10 pl/oz | 6/pole | 3/pole | 3-4' | 1" | 60 | 60-80 | T | late May |
| Bean, Soy | 480-99 | 80 | 5 oz | 10' | 3" | No | 3' | 1" | 60 | 70-90 | T | June 1 |
| Beet | 2100-99 | 2200 | 5/8 oz | 20' | 1" | 2-4" | 12-18" | 1/2" | 40 | 60-85 | H | Apr-July |
| Broccoli | 3300-29 | 5000-8000 | 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 | 6000-7000 | 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 | 6000-7000 | 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 | 3030-43 | 800-2000 | 1 1/2 oz | 5-13' | 1" | 3-6" | 18-24" | 1/2" | 40 | 50-85 | H | ASAP |
| Chicory | 3047-49 | 16000 | T | 300 pl | 1" | No | 2' | 1/8" | 50 | 60-85 | H | tp late June |
| Chinese Cabbage | 3224-25 | 9500 | 1/4 oz | 25' | 1/2" | 12-18" | 24-30" | 1/4" | 50 | 70-95 | MH | late May or tp |
| Corn, OP | 500-699 | 100 | 4 oz | 50' | 3" | 1' | 3' | 1" | 50 | 60-95 | T | late May |
| Corn, hybrid | 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 or tp |
| Eggplant | 3650-91 | 7000 | T | 40 pl | 20-30" | No | 30-36" | 1/4" | 60 | 75-90* | VT | tp early June |
| Endive | 3060-92 | 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 June |
| 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 | 5000-8000 | 5g | 1g=20' | 1" | 12" | 2' | 1/4" | 50 | 65-85 | VH | ASAP-July |
| Kohlrabi | 3470-79 | 6000 | 4g | 1g=25' | 1" | 24" | 24" | 1/4" | 50 | 65-85 | MH | tp May/June |
| Leek | 2400-29 | 9000 | T | 1g=320 pl | 8" | No | 2' | 1/2" | 50 | 60-70 | MH | tp May 1 |
| Lettuce | 2700-2988 | 25000 | 4g | 1g=25' | 1/3" | 1' | 12-18" | 1/8" | 35 | 40-80 | H | ASAP-Aug |
| Mâche | 3100-19 | 17000 | 1/4 oz | 25' | 1/2" | 2" | 18" | 1/4" | 48 | 50-68 | VH | ASAP-Aug |
| Melon | 900-999 | 960 | T | 12-20 hills | 3/pot | 2/hill | 5' | 1/2" | 60 | 75-95 | VT | tp early June |
| Mustard | 3226-59 | 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 June |
| Onion/shallots | 2440-99 | 7000 | T | 450 pl | 4" | No | 12-18" | 1/2" | 50 | 60-70 | MH | tp May 1 |
| Pac Choy | 3260-73 | 12500 | 1/4 oz | 14-25' | 1/2" | 1/2" | 6-12" | 1/4" | 50 | 70-95 | MH | May or tp |
| Parsley | 3155-79 | 14000 | 1/4 oz | 25' | 1/4" | 1" | 12-18" | 1/4" | 40 | 50-80 | VH | Apr-Aug |
| Parsnip | 2305-10 | 7000 | 1/2 oz | 25' | 1/2" | 2-3" | 12-18" | 1/2" | 46 | 55-77 | VH | Apr-July |
| Pea | 700-899 | 125 | 8 oz | 25' | 1 1/2" | No | 3-5' | 3/4" | 40 | 50-75 | plants H | ASAP |
| Pea for fall crop | 700-899 | 125 | 8 oz | 25' | 1 1/2" | No | 3-5' | 3/4" | 40 | 50-75 | blossoms,pods T | July |
| Pepper | 3700-3899 | 4500 | T | 10-50 pl | 12-18" | No | 2-3' | 1/4" | 60 | 68-95 | VT | tp early June |
| Perilla (Shiso) | 3282-83 | 14000 | T | 150 pl | 8-12" | No | 18-24" | 1/4" | 65 | 68-75 | VT | tp early June |
| Pumpkin | 1700-99 | 100-280 | 1/2-1oz | 3-8 hills | 5/hill | 3/hill | 6' | 1" | 60 | 70-90 | T | late May |
| Radicchio | 3186-91 | 19000 | 1/2 oz | 5-30' | 1" | 8-10" | 18" | 1/8" | 50 | 60-85 | H | late June |
| Radish | 2200-99 | 2500 | 1 oz | 12' | 1/2" | 1" | 18" | 1/2" | 40 | 55-85 | H | Apr-Aug |
| Rutabaga/Turnip | 2350-99 | 9000 | 1/3 oz | 40' | 1/2" | 3-6" | 18" | 1/4" | 40 | 60-95 | H | Apr-July |
| Salsify/Scorzonera | 2318-22 | 2000 | 5/8 oz | 20' | 1" | 2" | 18" | 1/2" | 50 | 65-85 | H | Apr-Jun |
| Spinach | 2500-88 | 1400-2600 | 1/2 oz | 40' | 1" | 2" | 12-18" | 1/2" | 35 | 45-65 | VH | ASAP |
| Spinach, fall crop | 2500-88 | 1400-2600 | 1/2 oz | 40' | 1" | 2" | 12-18" | 1/2" | 35 | 45-65 | VH | Aug |
| Squash, patty pan | 1577-90 | 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 | 1600-99 | 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 | 1400-1599 | 160-320 | 1/2 oz | 5-8 hills | 5/hill | 2-3/hill | 4' | 1" | 60 | 70-90 | T | late May or tp |
| Tomato | 4015-4299 | 9000 | T | 6-125 pl | 3' | No | 3' | 1/4" | 50 | 60-85 | T | tp June 1-10 |
| Watermelon | 1000-1099 | 670 | T | 7-14 hills | 3/pot | 2/hill | 5' | 1/2" | 60 | 75-95 | VT | tp early June |
| Zucchini | 1400-59 | 180 | 1 oz | 4-6 hills | 5/hill | 2-3/hill | 4' | 1" | 60 | 70-90 | T | late May or tp |

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.

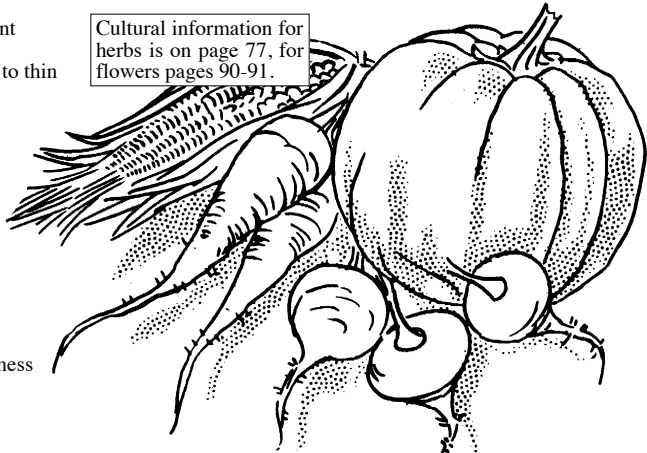
Hardiness rating VT=very tender: will not survive frost, can be damaged by temperatures under 40°
 T=tender: will not survive frost
 MH=moderately hardy: survives light frosts
 H=hardy: survives frost generally to the low twenties
 VH=very hardy: will overwinter if protected

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.

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.

Cultural information for herbs is on page 77, for flowers pages 90-91.



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.