



Vegetable Planting Guide and Recommended Planting Dates

Author: Allen Straw, Extension Horticulturist, Southwest Virginia Agricultural Research and Extension Center

Publication Number 426-331, Revised December 2006

How Much to Plant

The Vegetable Planting Guide can be used to determine the approximate amount of crop to plant for the desired yield, the amount of seed or number of transplants required for that amount of crop, and proper spacing between plants in a row. In intensive, raised-bed gardens, use the in-row figures between all plants; i.e., use equidistant spacing between plants. Sow seeds to a depth three to five times the diameter of the seed. For mid-summer plantings, dry soils may require you to sow up to twice this depth.

Crop	Planting Distance in Feet or Inches		Approximate yield per 10 feet of row	Approximate no. of row feet to plant per person	Transplants or seed required per 10 feet of row	
	In Rows	Between Rows			No. of Plants	Amount of Seed
Asparagus	18 "	48-60 "	3-4 lbs	15-20'	7-8 crowns	
Beans, bush	1-2 "	24-36 "	3-5 lbs	20-50'		1 oz

Beans, pole	4-12 "	36-48 "	6-10 lbs	10-30'		1 oz
Beans, lima	3-4 "	24-36 "	3-5 lbs	20-30'		1 oz
Beans, wax	2 "	24-36 "	3-5 lbs	20-50'		1 oz
Beets	2-3 "	12-24 "	8-10 lbs	10'		1/8 oz
Broccoli	12-24 "	24-36 "	4-6 lbs	10-20'	5-8 or	
Brussels Sprouts	18-24 "	30-36 "	3-4 lbs	10'	5-7 or	
Cabbage	12-18 "	30-36 "	10-40 lbs	10-15'	5-8 or	
Chinese Cabbage	12-24 "	18-36 "	20-30 lbs	10-15'	8-12 or	
Carrots	1-2 "	15-30 "	7-10 lbs	10-20'		1/5 oz
Cauliflower	12-24 "	24-36 "	8-10 lbs	10-15'	5-8 or	
Chard, Swiss	6-12 "	18-30 "	8-12 lbs	5-10'		1/5 oz
Collards	12-24 "	24-36 "	8-15 lbs	10-15'	5-7 or	1/10 oz
Cucumbers	12-18 "	48-72 "	8-10 lbs	15-20'		1/10 oz
Eggplant	18-24 "	30-42 "	10-12 lbs	3-6'	5-7 or	
Endive	9-12 "	18-30 "	3-6 lbs	5-10'	5-10 or	1/40 oz
Kale	6-18 "	18-36 "	4-8 lbs	10-15'	6-10 or	1/10 oz

Kohlrabi	4-6 "	12-36 "	4-8 lbs	5-10'		1/10 oz
Leeks	2-6 "	12-30 "	10-20 lbs	3-6'		1/10 oz
Lettuce (Bibb)	6-10 "	12-24 "	4-8 lbs	15-20'		1/40 oz
Lettuce (leaf)	3-6 "	12-18 "	5-10 lbs	10-15'		1/40 oz
Muskmelons	24-36 "	60-90 "	15-25 lbs	8-12'	3-5 or	1/8 oz
Mustard	2-4 "	18-30 "	3-6 lbs	5-10'		1/10 oz
Okra	8-18 "	36-48 "	5-10 lbs	5-10'	7-10 or	1/5 oz
Onions (sets)	2-4 "	12-24 "	7-10 lbs	15-25'	30-60	
Peas (English)	1-3 "	12-30 "	2-6 lbs	40-60'		1/2 oz
Peppers	12-24 "	30-36 "	5-18 lbs	5-10'	5-7	
Potatoes, Irish	10-18 "	24-42 "	10-20 lbs	75-100'		1 lb
Pumpkins	2-4'	5-8'	10-20 lbs	10'		1/20 oz
Rutabaga	3-6 "	15-30 "	8-12 lbs	5-10'		1/8 oz
Southern Peas	3-4 "	24-36 "	5-18 lbs	25-30'		1 oz
Sweet Corn	6-12 "	24-36 "	7-10 lbs	40-60'		1/2 oz
Spinach	3-6 "	15-30 "	4-6 lbs	30-40'		1/8 oz
Squash, summer	18-36 "	36-60 "	20-80 lbs	5-10'		1/10 oz

Squash, winter	2-4'	3-10'	10-80 lbs	10'		1/10 oz
Sweetpotatoes	12-18 "	36-48 "	8-12 lbs	75-100'	7-10	
Tomatoes	18-36 "	36-50 "	15-45 lbs	10-15'	3-7	
Turnips	2-3 "	12-24 "	8-12 lbs	10'		1/8 oz
Watermelons	3-4'	5-10'	8-40 lbs	10-15'	1-2 or	1 2 oz