



Recommended Spacing & Expected Yield for Garden Vegetables in New York

Vegetable	Inches between rows	Inches between plants in row	Number of plants per 10 feet of row	Yield estimate per 10 feet of row	Yield estimate per plant	Yields from your garden
Asparagus	48	12-18	10	5 to 8 pounds	8 to 13	
Beans, bush	24	3-4	30	8 pounds	4 ounces	
Beans, pole	36	4-5	24	16 pounds	11 ounces	
Beets	12	2-3	40	12 pounds	5 ounces	
Broccoli	24	12-18	10	12 pounds	19 ounces	
Brussels sprouts	24	18	7	10 pounds	1 ½ pounds	
Cabbage	24	12-18	7	15 pounds	2 pounds	
Carrots	12	2	60	8 pounds	2 ounces	
Cauliflower	24	18	7	12 pounds	1 ¾ pounds	
Celery	18	6	20	20 plants	1 plant	
Chard, Swiss	18	6	20	30 pounds	1 ½ pounds	
Corn, sweet	24	8	15	15 ears	1 ear	
Cucumbers	24	6	20	80 fruit	4 fruit	
Eggplant	36	2	5	10 to 15 fruit	2 to 3 fruit	
Garlic	12	6	20	20 bulbs	1 bulb	
Lettuce, leaf	1	6	20	20 plants	1 plant	
Muskmelon/ Cantaloupe	60	36	3	10 melons	3 melons	
Onions (green)	6	<1	100	12 bunches		
Onions (bulb)	6	3-4	30 to 40	30 to 40 bulbs	1 bulb	
Parsnips	18	4	30	10 to 15 pounds	5 to 8 ounces	
Peas	12	2	60	10 pounds	3 ounces	
Peppers	36	18	7	30 pounds	4 pounds	
Potatoes, white	36	12	10	20 to 30 pounds	2 to 3 pounds	
Potatoes, sweet	36	12-18	7-10	15 to 20 pounds	2 pounds	
Pumpkin	60	48	2	2 to 4 fruit	1 to 2 fruit	
Radish	6	1	100	10 bunches		
Rutabaga	18	4	30	20 pounds	11 ounces	
Spinach	12	3	40	5 pounds	2 ounces	
Squash (summer)	48	24	5	20 to 25 fruit	4 to 5 fruit	
Squash (winter)	60	48	2	20 pounds	10 pounds	
Tomato (staked)	48	18	7	70 to 140 pounds	10 to 20	
Turnip	18	3	40	15 to 20 pounds	6 to 8 ounces	
Watermelon	60	36	3	6 to 10 melons	2 to 3 melons	

Learn more: www.gardening.cornell.edu/vegetables

Published: May 2017

Author: Dr. Steve Reiners - Professor, Chair, Horticulture Section, School of Integrative Plant Science, Cornell University, NYS Agricultural Experiment Station

Building Strong and Vibrant New York Communities

Cornell Cooperative Extension provides equal program and employment opportunities