



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