**Seed Planting Depth and Spacing Chart**

| **Vegetable** | **Depth to Plant Seed (inches)** | **Distance Between Plants (inches)** | **Distance Between Rows (inches)** |
| --- | --- | --- | --- |
| Artichoke | ¼-½ | 18 | 36 |
| Arugula | ¼ | 6 | 10-12 |
| Asparagus, Seed | 1½ | 12 | 18-36 |
| Asparagus, Crown | 6-9 | 12 | 18-36 |
| Celtuce | ¼ | 8 | 10-20 |
| Bean, Bush | 1½-2 | 2 | 18-30 |
| Bean, Lima Bush | 1½-2 | 3 | 18-30 |
| Bean, Lima Pole | 1½-2 | 3-4 | 24-36 |
| Bean, Pole | 1½-2 | 3 | 24-36 |
| Bean, Scarlet Runner | 1½-2 | 4-6 | 36-48 |
| Bean, Yardlong | 1 | 3 | 24-36 |
| Beet | ½-1 | 3 | 12-18 |
| Belgian Endive (Witloof Chicory) | ¼-½ | 4-8 | 18-24 |
| Black-Eyed Pea (Cowpea, Southern Pea) | 1-1½ | 2-4 | 24-30 |
| Bok Choy | ¼-½ | 4-12 | 10-18 |
| Broccoli | ¼-½ | 12-18 | 18-24 |
| Brussels Sprout | ¼-½ | 18-24 | 24-36 |
| Cabbage | ¼-½ | 12-24 | 24-36 |
| Cabbage, Chinese | ¼-½ | 10-18 | 18-30 |
| Carrot | ¼-½ | 1-2 | 12-24 |
| Cauliflower | ¼-½ | 18 | 24-36 |
| Celeriac | ⅛ | 8 | 24-36 |
| Celery | ⅛ | 8 | 24-36 |
| Chard, Swiss | ½ | 4-12 | 18-24 |
| Chicory (Endive, Escarole) | ½ | 8-10 | 12-24 |
| Chicory, Italian Dandelion | ¼-½ | 8-10 | 12-16 |
| Chive | ¼-½ | 2-4 | 12-18 |
| Collards | ½-¾ | 8-18 | 18-30 |
| Corn, Sweet | 2 | 6-12 | 24-36 |
| Corn Salad (Mâche, Feldsalat) | ¼-½ | 4-6 | 6-18 |
| Cress | ¼-½ | 4-6 | 3-4 |
| Cucumber | 1 | 12-18 | 36-48 |
| Edamame | 1½-2 | 2-3 | 24-30 |
| Eggplant | ¼-½ | 18 | 24-36 |
| Fennel (Finocchio) | ¼-½ | 10-12 | 24-36 |
| Garbanzo (Chickpea) | 1½-2½ | 3-4 | 24-30 |
| Garlic | 2 | 4-6 | 12-24 |
| Horseradish | 4 | 12-24 | 24-48 |
| Jerusalem Artichoke (Sunchoke) | 4 | 12-18 | 36-48 |
| Kale | ¼-½ | 8-12 | 18-24 |
| Kohlrabi | ¼-½ | 8 | 18-24 |
| Leek | ¼-½ | 4-6 | 18-24 |
| Lettuce, Head | ⅛-¼ | 12-14 | 18-24 |
| Lettuce, Leaf | ⅛-¼ | 2-4 | 4-6 |
| Muskmelon (Cantaloupe) | 1 | 24-36 | 36-48 |
| Mustard Greens | ¼-½ | 8-18 | 12-24 |
| New Zealand Spinach | ¼-½ | 6 | 24 |
| Onion, Set | 1-2 | 2-3 | 12-24 |
| Onion, Seed | ¼-½ | 1-2 | 12-18 |
| Parsley | ¼-½ | 2-4 | 12-18 |
| Parsnip | ¼-½ | 2-3 | 18-24 |
| Pea | 1-2 | 2-3 | 18-36 |
| Pepper | ¼-½ | 18-24 | 12-24 |
| Potato | 2-3 | 12 | 30-36 |
| Pumpkin | 1-1½ | 36 | 72 |
| Radicchio | ¼-½ | 8-10 | 8-18 |
| Radish | ½ | 1-2 | 6-12 |
| Rutabaga | ½ | 6-8 | 18-24 |
| Salsify | ½ | 3-4 | 18-24 |
| Shallot | 1 | 4-6 | 12-18 |
| Spinach | ½ | 2-4 | 12-18 |
| Squash, Summer | 1-1½ | 18-24 | 36-48 |
| Squash, Winter | 1-1½ | 24-36 | 72 |
| Sweet Potato | 1-2 | 12-18 | 36-48 |
| Tomatillo | ¼-½ | 18-36 | 36-48 |
| Tomato | ¼-½ | 18-36 | 36-48 |
| Tomato, Ground Cherry (Husk Tomato) | ¼-½ | 18-24 | 36 |
| Turnip | ¼-½ | 2-3 | 12-18 |
| Watermelon | 1-1½ | 24-36 | 48-60 |

Kumar et al. 2009, 3-4 (Kumar, G.N.M., F.E. Larsen, and K.A. Schiekel. 2009. Propagating Plants from Seed. Washington State University Extension Publication PNW0170, http://cru.cahe.wsu.edu/cepublications/pnw0170/ pnw0170.pdf).