

Vegetable Garden Planting Guide

A well-planned, properly tended vegetable garden can provide not only an excellent source of fresh, nutritious vegetables, but also relaxation and enjoyment for the entire family. With a few simple tools, a little space, and a desire to assist nature in plant growth, anyone can be a successful home gardener; this publication is a brief guide to vegetable gardening planting information.

Vegetable Yields

| Vegetables | Average crop expected per 100 feet | Approx. planting per person |
|-------------------|------------------------------------|-----------------------------|
| Asparagus | 30 lb | 10-15 plants |
| Beans, snap bush | 120 lb | 15-16 feet |
| Beans, snap pole | 150 lb | 5-6 feet |
| Beans, Lima bush | 25 lb shelled | 10-15 feet |
| Beans, Lima pole | 50 lb shelled | 5-6 feet |
| Beets | 150 lb | 5-10 feet |
| Broccoli | 100 lb | 3-5 plants |
| Brussels Sprouts | 75 lb | 2-5 plants |
| Cabbage | 150 lb | 3-4 plants |
| Cabbage, Chinese | 80 heads | 3-10 feet |
| Carrots | 100 lb | 5-10 feet |
| Cauliflower | 100 lb | 3-5 plants |
| Celeriac | 60 lb | 5 feet |
| Celery | 180 stalks | 10 stalks |
| Chard, Swiss | 75 lb | 3-5 plants |
| Collards and Kale | 100 lb | 5-10 feet |
| Corn, sweet | 10 dozen | 10-15 feet |
| Cucumbers | 120 lb | 1-2 hills |
| Eggplant | 100 lb | 2-3 plants |
| Garlic | 40 lb | 1-5 feet |
| Kohlrabi | 75 lb | 3-5 feet |
| Lettuce, head | 100 heads | 10 feet |
| Lettuce, leaf | 50 lb | 10 feet |

| Vegetables | Average crop expected per 100 feet | Approx. planting per person |
|-------------------------|------------------------------------|-----------------------------|
| Muskmelon (cantaloupe) | 100 fruits | 3-5 hills |
| Mustard | 100 lb | 5-10 feet |
| Okra | 100 lb | 4-6 feet |
| Onions (plants or sets) | 100 lb | 3-5 feet |
| Onions (seed) | 100 lb | 3-5 feet |
| Parsley | 30 lb | 1-3 feet |
| Parsnips | 100 lb | 5 feet |
| Peas, English | 20 lb | 15-20 feet |
| Peas, Southern | 40 lb | 10-15 feet |
| Peppers | 60 lb | 3-5 plants |
| Potatoes, Irish | 100 lb | 50-100 feet |
| Potatoes, Sweet | 100 lb | 3-5 plants |
| Pumpkins | 100 lb | 1-2 hills |
| Radishes | 100 bunches | 3-5 feet |
| Salsify | 100 lb | 5 feet |
| Soybeans | 20 lb | 50 feet |
| Spinach | 40-50 lb | 5-10 feet |
| Squash, summer | 150 lb | 2-3 hills |
| Squash, winter | 100 lb | 1-3 hills |
| Tomatoes | 100 lb | 3-5 plants |
| Turnip greens | 50-100 lb | 5-10 feet |
| Turnip roots | 50-100 lb | 5-10 feet |
| Watermelon | 40 fruits | 2-4 hills |

| Crop | Type of Planting | Days to First Harvest | Plants/Seeds per 100' Row | Days to Germinate | Optimum Temp (F) | Depth of Planting (IN) | Avg. Spacing within (IN) | Avg. Spacing between (IN) | Frost Resistance |
|------------------|--------------------|-----------------------|---------------------------|-------------------|------------------|------------------------|--------------------------|---------------------------|------------------|
| Asparagus | Perennial (crowns) | 2nd Season | 75 | -- | -- | 8 | 18 | 48 | Hardy |
| Asparagus | Seed (transplant) | 4th Season | 2oz | 10-20 | 65-75 | 1 | 3 | 6 | Hardy |
| Rhubarb | Perennial (crowns) | 2nd Season | 30 | -- | -- | 1 | 36 | 35-48 | Hardy |
| Beans snap | Seeded | 50-60 | 1/2lb | 5-8 | 70-85 | 2 | 3-4 | 36 | Tender |
| Beans Lima | Seeded | 65-75 | 1/2lb | 5-8 | 75-85 | 2 | 4-8 | 36 | Tender |
| Beets | Seeded | 55*65 | 2oz | 7-10 | 50-60 | 1/2 | 2-4 | 18 | Half-Hardy |
| Broccoli | Seed or Transplant | 60-80* | 1/2oz or 75 | (6-8) | (50-60) | (1/2) | 18-24 | 36 | Hardy |
| Brussels Sprouts | Seed or Transplant | 85-95* | 1/2oz or 100 | (6-8) | (50-60) | (1/2) | 12-18 | 36 | Hardy |
| Cabbage | Seed or Transplant | 65-80* | 1/2oz or 75 | (6-8) | (50-60) | (1/2) | 12-18 | 36 | Hardy |
| Cabbage Chinese | Seeded | 80-90 | 1/4oz | 5-7 | 55-70 | 1/2 | 10-12 | 36 | Hardy |
| Carrots | Seeded | 70-80 | 1oz | 10-12 | 55-70 | 1/2 | 2-3 | 18 | Half-Hardy |
| Cauliflower | Seed or Transplant | 85-100* | 1/2oz or 75 | (6-8) | (55-70) | (1/2) | 18-24 | 36 | Half-Hardy |
| Cucumbers | Seed or Plants | 60-65 | 1/2oz | 5-8 | 75-85 | 1/2-1 | 10-48 | 48-72 | Very Tender |
| Eggplant | Transplant | 75-90* | 50 plants | (8-12) | (75-85) | -- | 18-24 | 36 | Very Tender |
| Garlic | Sets | 140-160 | 3lb | -- | -- | 1 | 4-6 | 18-36 | Hardy |
| Horseradish | Roots | Fall | 75-100 roots | -- | -- | 3-4 | 12-18 | 36 | Hardy |
| Kale | Seeded | 60-90 | 1oz | 6-9 | 50-60 | 1/2 | 2-4 | 36 | Hardy |
| Kohlrabi | Seed or Transplant | 60-75 | 1/4oz | (6-8) | (50-60) | (1/2) | 5-6 | 18-24 | Hardy |
| Lettuce seed | Seeded | 45-50 | 1/2oz | 6-8 | 50-70 | 1/4 | 2-4 | 18-24 | Half-Hardy |
| Lettuce plants | Transplant | 35-45 | 100-200 plants | (6-8) | (50-70) | (1/4) | 2-4 | 18-24 | Half-Hardy |
| Lettuce head | Seed or Transplant | 60-85* | 1 1/2oz or 75 | 6-8 | 60-70 | 1/2 | 12-15 | 18-24 | Half-Hardy |
| Muskmelon | Seed or Plants | 80-90 | 1/2oz | 7-12 | 75-85 | 1-1 1/2 | 48-72 | 48-72 | Very Tender |
| Mustard | Seeded | 50-60 | 1/4 | 6-8 | 50-60 | 1/2 | 2-4 | 18-24 | Hardy |
| Onion set | Sets | 100-120 | 2qts | -- | -- | 1 1/2-2 | 3-4 | 12-24 | Hardy |
| Onion plant | Transplant | 100-120* | 300 plants | -- | -- | 1 1/2-2 | 3-4 | 12-24 | Hardy |
| Okra | Seeded | 50-60 | 2oz | 6-12 | 75-85 | 1/2 | 18-24 | 36 | Tender |
| Parsley | Seeded | 60-70 | 1/2 | 8-10 | 55-70 | 1/2 | 2-4 | 18-24 | Half-Hardy |
| Parsnip | Seeded | Fall | 1/2oz | 10-12 | 55-70 | 1/4-1/2 | 3-4 | 18-24 | Half-Hardy |
| Peas | Seeded | 60-80 | 1lb | 7-10 | 50-65 | 2 | 1-2 | 12-24 | Hardy |
| Peppers | Transplant | 65-80* | 50 plants | (10-14) | (75-85) | (1/2) | 18-24 | 36 | Tender |
| Potatoes | Tuber Pieces | 70-90 | 10lb | -- | 50-60 | 2-3 | 8-12 | 36 | Half-Hardy |
| Pumpkin | Seeded | 110-130 | 1oz | 7-10 | 75-85 | 1 | 72-90 | 72-90 | Half-Hardy |
| Radish | Seeded | 25-30 | 1oz | 4-6 | 50-60 | 1/2 | 2-3 | 12-18 | Hardy |
| Rutabaga | Seeded | 90-120 | 1/2oz | 5-10 | 50-60 | 1/2 | 4-6 | 18-24 | Hardy |
| Salsify | Seeded | 140-150 | 1oz | 8-12 | 55-70 | 1/2 | 2-3 | 12-18 | Half-Hardy |
| Spinach | Seeded | 40-45 | 2oz | 9-12 | 55-70 | 1 | 2-3 | 12-18 | Half-Hardy |
| Squash summer | Seeded | 50-55 | 1oz | 7-10 | 75-85 | 1 | 36-48 | 48-72 | Very Tender |
| Squash winter | Seeded | 50-55 | 1oz | 7-10 | 75-85 | 1 | 60-72 | 96 | Very Tender |
| Corn sweet | Seeded | 80-100 | 1/2lb | 6-8 | 70-80 | 2 | 14-18 | 36 | Tender |
| Potatoes sweet | Plants | 130-140 | 75-100 plants | -- | -- | -- | 12-16 | 36-48 | Very Tender |
| Chard swiss | Seeded | 50-60 | 1oz | 9-12 | 55-70 | 1/2-1 | 6-8 | 18-24 | Half-Hardy |
| Tomato | Transplant | 70-85 | 30-60 plants | (7-10) | (75-85) | (1/2) | 24-48 | 36-48 | Tender |
| Tomato | Direct Seeded | 80-95 | 1/4oz | 7-10 | 75-85 | 1/2 | 24-48 | 36-42 | Tender |
| Turnips | Seeded | 45-65 | 1oz | 5-10 | 60-70 | 1/2 | 3-4 | 12-18 | Hardy |
| Watermelon | Seeded | 80-90 | 1oz | 8-12 | 80-90 | 1-2 | 72-90 | 72-90 | Very Tender |



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