

Calculate How Many Vegetables to Plant

BY: SHERRI RIBBEY

Source: <https://www.gardengatemagazine.com/articles/vegetables/getting-started/calculate-how-many-vegetables-to-plant/>

Figure out how many vegetables to plant

Ever wonder how many **vegetable** plants to buy when you're planning your garden? The chart below shows the number of individual plants you'll need to plant for fresh eating each season. If you're doing multiple plantings of a seasonal crop, such as greens or beets, then use the same quantity for each sowing.

Adjust to your vegetable garden needs

Some veggies have tiny seeds, so for those we've noted how to thin the seedlings. If you **want to can** or **freeze a crop**, or you just really like a vegetable, you'll want to plant more than is suggested below. The chart also includes about how many plants can be grown per foot of row so you can figure out how much space you'll need. Use this handy chart as a guideline when planning how many **vegetables to plant**, but feel free to adjust to your preferences!

Planting a vegetable garden for a family

In general, multiply the number of plants per person by 3 or 4 for a family-sized planting. We've done the work for you in adjusting the numbers of these plants in the chart so at harvest you aren't overwhelmed with too many delicious veggies. Keeping a garden journal from year to year will help you track which crops you had more or less than needed so you can better plan for future growing seasons. (Chart on following page).

Crop (number of plants per ft. of row)	Number of plants per person	Number of plants for a family of 4
Asparagus (1 plant/ft. of row)	5-10 plants	25 plants
Bush beans (2 plants/ft. of row)	12-15 plants	45 plants
Beets (Thin to 3 plants/ft. of row)	15-30 plants	90 plants
Cucumber (1 plant/2 ft. of row)	1 vine, 2 bushes	2 vines, 4 bushes
Carrots (Thin to 12 plants/ft. of row)	48 plants	144 plants
Corn (1 plant/ft. of row)	10-15 plants	40 plants (plant in blocks for best pollination)
Eggplant (1 plant/2 ft. of row)	2-3 plants	7 plants
Kale (10/10 ft. of row)	2-7 plants	40 plants
Leaf lettuce (Thin to 3 plants/ft. of row)	24 plants	78 plants
Melon (1 plant/6 ft. of row)	1-2 plants	4 plants
Onion (4 sets/ft. of row)	12-20 sets	80-100 sets
Peas (6 plants/ft. of row)	15-20 plants	70 plants
Pepper (1 plant/ft. of row)	3-5 plants	8-10 plants
Potato (1 plant/ft. of row)	10 plants	40 plants
Radish (thin to 12 plants/ft. of row)	10-15 plants	60 plants
Spinach (Thin to 6 plants/ft. of row)	30-60 plants	180 plants
Squash (1 plant/6 ft. of row)	1-2 plants	3 plants
Tomato (1 plant/2 ft. of row)	2-4 plants	4-6 plants
Zucchini (1 plant/3 ft. of row)	1-2 plants	4 plants