

FREE - NO SIGNUP

Square Foot Garden Planning Pack

Blank grids to plan on, finished bed plans you can copy, and the spacing chart for 40 crops. Print it, take it outside, get it muddy.

- **Blank planning grids** - 4x4 and 4x8, one square per square foot
- **8 finished bed plans** - every square filled, with exact plant counts
- **Spacing chart for 40 crops** - how many fit per square foot, when to sow, days to harvest
- **Soil quantities** - how much mix each bed size needs

Every number here is calculated from the same verified dataset as the free planner at squarefootplanner.com - where you can build your own bed, check companion planting, get sowing dates from your frost date, and print the result.

squarefootplanner.com

Plant data reviewed August 18, 2026 against university-extension sources. 20 bed layouts online.

4x4 bed - blank planning grid

Each square is one square foot. Write the crop and how many go in it. The spacing chart on the next page gives you the number for each crop.

Put tall crops - tomatoes, pole beans, corn, okra, peas - along the NORTH edge so they do not shade the rest.

4x8 bed - blank planning grid

Each square is one square foot. Write the crop and how many go in it. The spacing chart on the next page gives you the number for each crop.

Put tall crops - tomatoes, pole beans, corn, okra, peas - along the NORTH edge so they do not shade the rest.

Plant spacing chart (1 of 2)

How many plants go in one square foot, at square foot gardening density. Sowing times are relative to YOUR last spring frost date.

CROP	PER SQ FT	SPACING	SEASON	SOW	DAYS
● Carrot	16	3"	cool	3 wks before frost	60-80
● Chives	16	3"	perennial	4 wks before frost	75-90
● Radish	16	3"	cool	4 wks before frost	22-35
● Beet	9	4"	cool	3 wks before frost	50-70
● Bush Bean	9	4"	warm	1 wk after frost	50-60
● Cilantro	9	4"	cool	2 wks before frost	40-55
● Garlic	9	4"	cool	26 wks after frost	240-270
● Onion	9	4"	cool	10 wks before frost	90-120
● Pea	9	4"	cool	5 wks before frost	55-70
● Pole Bean	9	4"	warm	1 wk after frost	60-75
● Spinach	9	4"	cool	6 wks before frost	40-50
● Basil	4	6"	warm	6 wks before frost	50-75
● Celery	4	6"	cool	10 wks before frost	80-120
● Corn	4	6"	warm	1 wk after frost	60-90
● Lettuce	4	6"	cool	4 wks before frost	45-65
● Marigold	4	6"	warm	6 wks before frost	45-60
● Parsley	4	6"	cool	6 wks before frost	70-90
● Potato	4	6"	cool	3 wks before frost	75-110
● Strawberry	4	6"	perennial	4 wks before frost	90-120
● Swiss Chard	4	6"	cool	2 wks before frost	50-60
● Thyme	4	6"	perennial	around last frost	75-90

Plant spacing chart (2 of 2)

How many plants go in one square foot, at square foot gardening density. Sowing times are relative to YOUR last spring frost date.

CROP	PER SQ FT	SPACING	SEASON	SOW	DAYS
● Broccoli	1	12"	cool	6 wks before frost	60-90
● Cabbage	1	12"	cool	6 wks before frost	65-95
● Cauliflower	1	12"	cool	6 wks before frost	65-85
● Cucumber	1	12"	warm	1 wk after frost	50-70
● Dill	1	12"	warm	around last frost	40-65
● Eggplant	1	12"	warm	8 wks before frost	65-85
● Kale	1	12"	cool	4 wks before frost	50-65
● Mint	1	12"	perennial	around last frost	60-90
● Nasturtium	1	12"	warm	around last frost	50-65
● Okra	1	12"	warm	2 wks after frost	50-65
● Oregano	1	12"	perennial	around last frost	80-90
● Pepper	1	12"	warm	8 wks before frost	60-90
● Pumpkin	1	12"	warm	1 wk after frost	90-120
● Rosemary	1	12"	perennial	1 wk after frost	80-95
● Sage	1	12"	perennial	around last frost	75-90
● Sweet Potato	1	12"	warm	2 wks after frost	90-120
● Tomato	1	12"	warm	6 wks before frost	60-85
● Watermelon	1	12"	warm	1 wk after frost	70-95
● Zucchini / Summer Squash	1	12"	warm	1 wk after frost	45-60

4x8 bed - family summer bed

Everything a household actually eats in July: tomatoes, beans, cucumbers, salad and roots.

Tomato x1	Basil x4	Marigold x4	Lettuce x4
Tomato x1	Basil x4	Marigold x4	Lettuce x4
Pole Bean x9	Bush Bean x9	Carrot x16	Onion x9
Pole Bean x9	Bush Bean x9	Carrot x16	Onion x9
Cucumber x1	Radish x16	Lettuce x4	Beet x9
Cucumber x1	Radish x16	Lettuce x4	Beet x9
Okra x1	Pepper x1	Basil x4	Parsley x4
Okra x1	Pepper x1	Basil x4	Parsley x4

32 squares · 192 plants. Carrot 32 · Radish 32 · Beet 18 · Bush Bean 18 · Onion 18 · Pole Bean 18 · Basil 16 · Lettuce 16 · Marigold 8 · Parsley 8 · Cucumber 2 · Okra 2 · Pepper 2 · Tomato 2

Fills with 17.6 cubic feet of mix at 6 inches deep (includes 10% for settling).

2x4 bed - cut-and-come-again salad bar

Leaves you can harvest outer-first for months instead of pulling whole plants.

Kale x1	Lettuce x4
Kale x1	Lettuce x4
Swiss Chard x4	Spinach x9
Swiss Chard x4	Radish x16

8 squares · 43 plants. Radish 16 · Spinach 9 · Lettuce 8 · Swiss Chard 8 · Kale 2
Fills with 4.4 cubic feet of mix at 6 inches deep (includes 10% for settling).

3x6 bed - summer mixed bed

A little of everything, with climbers on the north edge and roots along the sunny front.

Tomato x1	Basil x4	Lettuce x4
Tomato x1	Marigold x4	Carrot x16
Pole Bean x9	Bush Bean x9	Carrot x16
Pole Bean x9	Radish x16	Beet x9
Cucumber x1	Nasturtium x1	Swiss Chard x4
Okra x1	Pepper x1	Parsley x4

18 squares · 110 plants. Carrot 32 · Pole Bean 18 · Radish 16 · Beet 9 · Bush Bean 9 · Basil 4 · Lettuce 4 · Marigold 4 · Parsley 4 · Swiss Chard 4 · Tomato 2 · Cucumber 1 · Nasturtium 1 · Okra 1 · Pepper 1
Fills with 9.9 cubic feet of mix at 6 inches deep (includes 10% for settling).

4x6 bed - everyday family bed

The bed most people actually want: tomatoes, beans, salad, carrots and onions in one place.

Tomato ×1	Basil ×4	Pepper ×1	Onion ×9
Tomato ×1	Basil ×4	Pepper ×1	Onion ×9
Tomato ×1	Marigold ×4	Lettuce ×4	Beet ×9
Pole Bean ×9	Bush Bean ×9	Lettuce ×4	Beet ×9
Pole Bean ×9	Radish ×16	Carrot ×16	Parsley ×4
Cucumber ×1	Nasturtium ×1	Carrot ×16	Chives ×16

24 squares · 158 plants. Carrot 32 · Beet 18 · Onion 18 · Pole Bean 18 · Chives 16 · Radish 16 · Bush Bean 9 · Basil 8 · Lettuce 8 · Marigold 4 · Parsley 4 · Tomato 3 · Pepper 2 · Cucumber 1 · Nasturtium 1

Fills with 13.2 cubic feet of mix at 6 inches deep (includes 10% for settling).

2x8 bed - long salad row

Standing crops at the back, a different quick crop in every front square.

Kale x1	Lettuce x4
Kale x1	Spinach x9
Broccoli x1	Radish x16
Broccoli x1	Carrot x16
Swiss Chard x4	Beet x9
Swiss Chard x4	Onion x9
Celery x4	Parsley x4
Celery x4	Chives x16

16 squares · 103 plants. Carrot 16 · Chives 16 · Radish 16 · Beet 9 · Onion 9 · Spinach 9 · Celery 8 · Swiss Chard 8 · Lettuce 4 · Parsley 4 · Broccoli 2 · Kale 2

Fills with 8.8 cubic feet of mix at 6 inches deep (includes 10% for settling).

4x12 bed - full-season family bed

The whole summer garden in one bed, including the sprawlers that need room at the ends.

Tomato x1	Basil x4	Lettuce x4	Onion x9
Tomato x1	Basil x4	Lettuce x4	Onion x9
Tomato x1	Marigold x4	Carrot x16	Lettuce x4
Pole Bean x9	Bush Bean x9	Carrot x16	Lettuce x4
Pole Bean x9	Bush Bean x9	Beet x9	Spinach x9
Pole Bean x9	Radish x16	Beet x9	Spinach x9
Cucumber x1	Nasturtium x1	Swiss Chard x4	Radish x16
Cucumber x1	Dill x1	Celery x4	Carrot x16
Okra x1	Pepper x1	Parsley x4	Carrot x16
Okra x1	Pepper x1	Thyme x4	Chives x16
Corn x4	Zucchini x1	Marigold x4	Parsley x4
Corn x4	Zucchini x1	Bush Bean x9	Marigold x4

48 squares · 297 plants. Carrot 64 · Radish 32 · Bush Bean 27 · Pole Bean 27 · Beet 18 · Onion 18 · Spinach 18 · Chives 16 · Lettuce 16 · Marigold 12 · Basil 8 · Corn 8 · Parsley 8 · Celery 4 · Swiss Chard 4 · Thyme 4 · Tomato 3 · Cucumber 2 · Okra 2 · Pepper 2 · Zucchini 2 · Dill 1 · Nasturtium 1

Fills with 26.4 cubic feet of mix at 6 inches deep (includes 10% for settling).

3x3 bed - nine-square starter

One climber, one fruiting plant, herbs, salad and roots - the whole idea in nine squares.

Tomato x1	Basil x4	Lettuce x4
Pepper x1	Marigold x4	Carrot x16
Pole Bean x9	Bush Bean x9	Radish x16

9 squares · 64 plants. Carrot 16 · Radish 16 · Bush Bean 9 · Pole Bean 9 · Basil 4 · Lettuce 4 · Marigold 4 · Pepper 1 · Tomato 1

Fills with 5 cubic feet of mix at 6 inches deep (includes 10% for settling).

5x5 bed - 25-square summer bed

Tall crops on the north edge, a band of fruiting plants, then salad and roots at the front.

Tomato x1	Basil x4	Cucumber x1	Carrot x16	Onion x9
Tomato x1	Marigold x4	Nasturtium x1	Carrot x16	Onion x9
Pole Bean x9	Bush Bean x9	Lettuce x4	Beet x9	Parsley x4
Pole Bean x9	Radish x16	Lettuce x4	Beet x9	Chives x16
Okra x1	Pepper x1	Eggplant x1	Swiss Chard x4	Thyme x4

25 squares · 162 plants. Carrot 32 · Beet 18 · Onion 18 · Pole Bean 18 · Chives 16 · Radish 16 · Bush Bean 9 · Lettuce 8 · Basil 4 · Marigold 4 · Parsley 4 · Swiss Chard 4 · Thyme 4 · Tomato 2 · Cucumber 1 · Eggplant 1 · Nasturtium 1 · Okra 1 · Pepper 1

Fills with 13.8 cubic feet of mix at 6 inches deep (includes 10% for settling).