Companion Planting Chart

Which vegetables and herbs grow well side by side, and which to keep apart

● Good neighbours ✕ Keep apart Blank = no strong pairing recorded. Find a crop in the left column and read across.

	Tomato	Bell Pepper	Chili Pepper	Eggplant	Potato	Cucumber	Zucchini / Summer Squash	Winter Squash	Pumpkin	Bush Bean	Pole Bean	Pea	Broccoli	Cauliflower	Cabbage	Kale	Lettuce	Spinach	Swiss Chard	Carrot	Beet	Radish	Onion	Garlic	Chives	Sweet Corn	Sunflower	Basil	Dill	Parsley	Cilantro / Coriander	Mint	Thyme	Rosemary
Tomato					✕								✕	✕	✕	✕	●			●			●	●	●	✕		●	✕	●		●		
Bell Pepper				●						✕	✕				✕			●		●			●		●			●		●				
Chili Pepper										✕	✕				✕					●			●					●						
Eggplant		●								●								●											✕			●	
Potato	✕					✕	✕	✕	✕	●			●	●	●	●										●	✕						
Cucumber					✕					●	●	●					●					●				●	●		●				
Zucchini / Summer Squash					✕					●	●	●										●				●							
Winter Squash					✕					●	●											●				●							
Pumpkin					✕					●	●											●				●							
Bush Bean		✕	✕	●	●	●	●	●	●			●							●	●	●		✕	✕	✕	●					●		●
Pole Bean		✕	✕			●	●	●	●				✕	✕	✕	✕				●	✕	●	✕	✕	✕	●	●						
Pea						●	●			●								●		●		●	✕	✕	✕	●					●		
Broccoli	✕				●						✕						✕				●		●						●				
Cauliflower	✕				●						✕										●		●						●				
Cabbage	✕	✕	✕		●						✕						✕	●	●		●		●	●					●			●	●	●
Kale	✕				●						✕							●	●		●		●	●					●				
Lettuce	●					●							✕		✕					●	●	●	●						●	✕				
Spinach		●		●								●			●	●			✕		✕	●								●			
Swiss Chard										●					●	●		✕			✕		●										
Carrot	●	●	●							●	●	●					●					●	●	●	●				✕	●				●
Beet										●	✕		●	●	●	●	●	✕	✕				●	●										
Radish						●	●	●	●		●	●					●	●		●														
Onion	●	●	●							✕	✕	✕	●	●	●	●	●		●	●	●								●	●				
Garlic	●									✕	✕	✕			●	●				●	●													
Chives	●	●								✕	✕	✕								●														
Sweet Corn	✕				●	●	●	●	●	●	●	●															●							
Sunflower					✕	●					●															●							
Basil	●	●	●																						●					✕			
Dill	✕			✕		●							●	●	●	●	●			✕			●								✕		
Parsley	●	●															✕			●			●									✕		
Cilantro / Coriander										●		●						●											✕					
Mint	●														●													✕		✕				
Thyme				●											●																			
Rosemary										●					●					●														

Crops are grouped by plant family (thick lines). The A-Z table on pages 3-6 covers all 92 crops and herbs on myplantingcalendar.com.

Quick answers

Computed from the same data as the chart

Good pairs in this chart (a few well-known ones)

- Tomato + Basil
- Tomato + Carrot
- Carrot + Onion
- Lettuce + Radish
- Cucumber + Dill
- Sweet Corn + Pole Bean
- Sweet Corn + Winter Squash
- Cabbage + Dill
- Bell Pepper + Basil
- Pea + Carrot

Corn, pole beans and squash together are the traditional "three sisters" planting. In this data, corn is listed as a good neighbour for both beans and squash.

Crops with the most "keep apart" entries (from the 34 matrix crops)

Pole Bean (10), Tomato (7), Potato (6), Bush Bean (5), Cabbage (5), Dill (4).

A crop with many "keep apart" entries is not a bad crop. It just needs a bed of its own, or neighbours from the green side of its row.

Most friendly crops (most good neighbours among the 34 matrix crops)

Bush Bean (13), Carrot (13), Onion (13), Cabbage (10), Radish (9), Sweet Corn (9).

How to read and use the chart

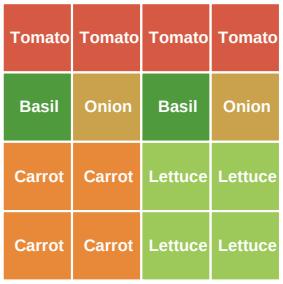
- Look up the crop you want to plant in the left column of the matrix (page 1) or on the A-Z table (pages 3-6).
- Plan each bed around one main crop, then choose neighbours from its good list that also suit your sun, water and season.
- Where a pairing is both "good" and "keep apart" in different sources, the chart shows keep apart, so you err on the safe side.
- Use the blank beds on the last page to draw your plan before you plant. One square is one square foot.
- Add your own notes. If a pair works well or badly in your garden, that experience beats any chart.

How much to trust it

Companion planting evidence is mixed. A few effects have research behind them, such as tall crops giving shade to lettuce or strong-scented herbs confusing some pests. Many specific pairings are traditional advice that has not been tested in controlled trials. The best-supported rules are to rotate plant families and to avoid crowding heavy feeders together. Treat the pairings as sensible defaults, not hard rules.

Three starter beds (4 x 4 ft, one square = 1 sq ft, back of the bed at the top)

Tomato bed



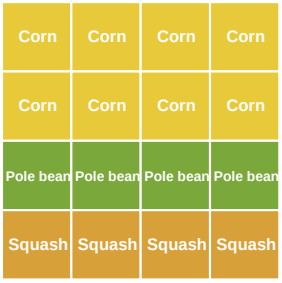
Tall tomatoes at the back so they do not shade the lower crops.

Salad bed



Quick radishes finish first and free their squares for a second sowing.

Corn, bean and squash bed



Beans climb the corn; squash sprawls at the front. Plant corn in a block, not a single row.

A-Z companion table

Good neighbours and crops to keep apart, for all 92 crops on the site

Crop	Good neighbours	Keep apart
Amaranth (Leaf)	Sweet Corn	-
Arugula	Beet, Bush Bean, Cucumber, Lettuce, Onion	-
Asparagus	Basil, Parsley, Tomato	Garlic, Onion, Potato
Basil	Asparagus, Bell Pepper, Chili Pepper, Ground Cherry, Okra, Tomatillo, Tomato	Mint, Sage
Beet	Arugula, Bok Choy / Pak Choi, Broccoli, Brussels Sprouts, Bush Bean, Cabbage, Cauliflower, Collard Greens, Garlic, Green Onion / Scallion, Kale, Kohlrabi, Lettuce, Napa Cabbage, Onion, Rapini (Broccoli Raab), Shallot	Lima Bean, Pole Bean, Spinach, Swiss Chard
Bell Pepper	Basil, Carrot, Chives, Eggplant, Ground Cherry, Okra, Onion, Oregano, Parsley, Spinach, Sweet Marjoram, Tomatillo	Bush Bean, Cabbage, Kohlrabi, Pole Bean
Bitter Melon	Bush Bean, Sweet Corn	-
Bok Choy / Pak Choi	Beet, Cucumber, Onion	Pole Bean, Tomato
Borage	Swiss Chard, Tomato, Zucchini / Summer Squash	-
Broccoli	Beet, Celery, Dill, Lemon Balm, Onion, Potato, Rhubarb	Lettuce, Pole Bean, Tomato
Brussels Sprouts	Beet, Carrot, Dill, Onion, Potato	Pole Bean, Tomato
Bush Bean	Arugula, Beet, Bitter Melon, Cantaloupe / Muskmelon, Carrot, Celeriac, Celery, Cilantro / Coriander, Cucamelon, Cucumber, Eggplant, Luffa (Loofah Gourd), Mustard Greens, Okra, Parsnip, Pea, Potato, Pumpkin, Rhubarb, Rosemary, Summer Savory, Sweet Corn, Sweet Potato, Swiss Chard, Turnip, Watermelon, Winter Squash, Zucchini / Summer Squash	Bell Pepper, Chili Pepper, Chives, Fennel (Bulb), Garlic, Green Onion / Scallion, Leek, Onion, Shallot
Cabbage	Beet, Celeriac, Celery, Dill, Fava Bean (Broad Bean), Garlic, Green Onion / Scallion, Leek, Mint, Onion, Oregano, Potato, Rhubarb, Rosemary, Sage, Shallot, Spinach, Swiss Chard, Thyme	Bell Pepper, Chili Pepper, Lettuce, Pole Bean, Tomato
Cantaloupe / Muskmelon	Bush Bean, Okra, Radish, Sweet Corn	Potato
Carrot	Bell Pepper, Brussels Sprouts, Bush Bean, Chili Pepper, Chives, Endive & Escarole, Garlic, Green Onion / Scallion, Leek, Lettuce, Mustard Greens, Onion, Parsley, Pea, Pole Bean, Radish, Rosemary, Sage, Salsify, Shallot, Tomato	Celeriac, Celery, Dill, Parsnip
Cauliflower	Beet, Celery, Dill, Lemon Balm, Onion, Potato	Pole Bean, Tomato
Celeriac	Bush Bean, Cabbage, Leek, Onion	Carrot, Parsnip
Celery	Broccoli, Bush Bean, Cabbage, Cauliflower, Leek, Napa Cabbage, Onion, Tomato	Carrot, Parsnip
Chayote	Sweet Corn	-
Chervil	Lettuce, Radish	-
Chili Pepper	Basil, Carrot, Okra, Onion	Bush Bean, Cabbage, Pole Bean
Chives	Bell Pepper, Carrot, Tomato	Bush Bean, Pea, Pole Bean
Cilantro / Coriander	Bush Bean, Pea, Spinach	Dill, Fennel (Bulb)
Collard Greens	Beet, Dill, Onion, Potato	Pole Bean, Tomato
Cucamelon	Bush Bean, Sweet Corn	-
Cucumber	Arugula, Bok Choy / Pak Choi, Bush Bean, Dill, Edamame (Soybean), Kohlrabi, Lettuce, Lima Bean, Pea, Pole Bean, Radish, Sunflower, Sweet Corn	Potato, Sage
Dill	Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collard Greens, Cucumber, Kale, Lettuce, Luffa (Loofah Gourd), Onion	Carrot, Cilantro / Coriander, Eggplant, Fennel (Bulb), Tomato

A-Z companion table

Good neighbours and crops to keep apart, for all 92 crops on the site

Crop	Good neighbours	Keep apart
Edamame (Soybean)	Cucumber, Potato, Sweet Corn	Garlic, Onion
Eggplant	Bell Pepper, Bush Bean, Okra, Oregano, Spinach, Sweet Marjoram, Tarragon, Thyme	Dill
Endive & Escarole	Carrot, Onion, Radicchio, Radish	-
Fava Bean (Broad Bean)	Cabbage, Potato, Spinach	Garlic, Onion
Fennel (Bulb)	-	Bush Bean, Cilantro / Coriander, Dill, Pole Bean, Tomato
Garlic	Beet, Cabbage, Carrot, Kale, Tomato	Asparagus, Bush Bean, Edamame (Soybean), Fava Bean (Broad Bean), Lima Bean, Pea, Pole Bean
Ginger	-	-
Globe Artichoke	Pea, Sunflower	-
Green Onion / Scallion	Beet, Cabbage, Carrot, Lettuce, Tomato	Bush Bean, Pea, Pole Bean
Ground Cherry	Basil, Bell Pepper	-
Horseradish	Potato	-
Kale	Beet, Dill, Garlic, Onion, Potato, Spinach, Swiss Chard	Pole Bean, Tomato
Kohlrabi	Beet, Cucumber, Lettuce, Onion	Bell Pepper, Pole Bean, Tomato
Leek	Cabbage, Carrot, Celeriac, Celery, Onion	Bush Bean, Pea, Pole Bean
Lemon Balm	Broccoli, Cauliflower	-
Lettuce	Arugula, Beet, Carrot, Chervil, Cucumber, Dill, Green Onion / Scallion, Kohlrabi, Onion, Parsnip, Radicchio, Radish, Shallot, Tomato	Broccoli, Cabbage, Parsley
Lima Bean	Cucumber, Potato, Sweet Corn	Beet, Garlic, Onion
Luffa (Loofah Gourd)	Bush Bean, Dill, Radish	Potato
Mache (Corn Salad)	-	-
Malabar Spinach	-	-
Mint	Cabbage, Tomato	Basil, Parsley
Mizuna	-	Pole Bean, Tomato
Mustard Greens	Bush Bean, Carrot, Pea	-
Napa Cabbage	Beet, Celery, Onion	Pole Bean, Tomato
New Zealand Spinach	-	-
Okra	Basil, Bell Pepper, Bush Bean, Cantaloupe / Muskmelon, Chili Pepper, Eggplant, Sweet Potato	-
Onion	Arugula, Beet, Bell Pepper, Bok Choy / Pak Choi, Broccoli, Brussels Sprouts, Cabbage, Carrot, Cauliflower, Celeriac, Celery, Chili Pepper, Collard Greens, Dill, Endive & Escarole, Kale, Kohlrabi, Leek, Lettuce, Napa Cabbage, Parsley, Parsnip, Rapini (Broccoli Raab), Rutabaga, Salsify, Summer Savory, Swiss Chard, Tomato, Turnip	Asparagus, Bush Bean, Edamame (Soybean), Fava Bean (Broad Bean), Lima Bean, Pea, Pole Bean
Oregano	Bell Pepper, Cabbage, Eggplant	-
Parsley	Asparagus, Bell Pepper, Carrot, Onion, Tomato	Lettuce, Mint
Parsnip	Bush Bean, Lettuce, Onion, Radish	Carrot, Celeriac, Celery
Pea	Bush Bean, Carrot, Cilantro / Coriander, Cucumber, Globe Artichoke, Mustard Greens, Radish, Rutabaga, Spinach, Sweet Corn, Turnip, Zucchini / Summer Squash	Chives, Garlic, Green Onion / Scallion, Leek, Onion, Shallot
Peanut	Sweet Corn	-

A-Z companion table

Good neighbours and crops to keep apart, for all 92 crops on the site

Crop	Good neighbours	Keep apart
Pole Bean	Carrot, Cucumber, Pumpkin, Radish, Summer Savory, Sunflower, Sweet Corn, Winter Squash, Zucchini / Summer Squash	Beet, Bell Pepper, Bok Choy / Pak Choi, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chili Pepper, Chives, Collard Greens, Fennel (Bulb), Garlic, Green Onion / Scallion, Kale, Kohlrabi, Leek, Mizuna, Napa Cabbage, Onion, Rapini (Broccoli Raab), Shallot, Tatsoi
Potato	Broccoli, Brussels Sprouts, Bush Bean, Cabbage, Cauliflower, Collard Greens, Edamame (Soybean), Fava Bean (Broad Bean), Horseradish, Kale, Lima Bean, Sweet Corn	Asparagus, Cantaloupe / Muskmelon, Cucumber, Luffa (Loofah Gourd), Pumpkin, Rutabaga, Sunflower, Tomato, Turnip, Watermelon, Winter Squash, Zucchini / Summer Squash
Pumpkin	Bush Bean, Pole Bean, Radish, Sweet Corn	Potato, Sweet Potato
Radicchio	Endive & Escarole, Lettuce	-
Radish	Cantaloupe / Muskmelon, Carrot, Chervil, Cucumber, Endive & Escarole, Lettuce, Luffa (Loofah Gourd), Parsnip, Pea, Pole Bean, Pumpkin, Spinach, Watermelon, Winter Squash, Zucchini / Summer Squash	-
Rapini (Broccoli Raab)	Beet, Onion	Pole Bean, Tomato
Rhubarb	Broccoli, Bush Bean, Cabbage	-
Rosemary	Bush Bean, Cabbage, Carrot, Sage	-
Rutabaga	Onion, Pea	Potato, Turnip
Sage	Cabbage, Carrot, Rosemary	Basil, Cucumber
Salsify	Carrot, Onion	-
Shallot	Beet, Cabbage, Carrot, Lettuce	Bush Bean, Pea, Pole Bean
Shiso (Perilla)	-	-
Sorrel	-	-
Southern Pea (Cowpea)	Sweet Corn	-
Spinach	Bell Pepper, Cabbage, Cilantro / Coriander, Eggplant, Fava Bean (Broad Bean), Kale, Pea, Radish	Beet, Swiss Chard
Summer Savory	Bush Bean, Onion, Pole Bean	-
Sunflower	Cucumber, Globe Artichoke, Pole Bean, Sweet Corn	Potato
Sweet Corn	Amaranth (Leaf), Bitter Melon, Bush Bean, Cantaloupe / Muskmelon, Chayote, Cucamelon, Cucumber, Edamame (Soybean), Lima Bean, Pea, Peanut, Pole Bean, Potato, Pumpkin, Southern Pea (Cowpea), Sunflower, Watermelon, Winter Squash, Zucchini / Summer Squash	Tomato
Sweet Marjoram	Bell Pepper, Eggplant	-
Sweet Potato	Bush Bean, Okra	Pumpkin, Winter Squash
Swiss Chard	Borage, Bush Bean, Cabbage, Kale, Onion	Beet, Spinach
Tarragon	Eggplant, Tomato	-
Tatsoi	-	Pole Bean, Tomato
Thyme	Cabbage, Eggplant	-
Tomatillo	Basil, Bell Pepper	-
Tomato	Asparagus, Basil, Borage, Carrot, Celery, Chives, Garlic, Green Onion / Scallion, Lettuce, Mint, Onion, Parsley, Tarragon	Bok Choy / Pak Choi, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collard Greens, Dill, Fennel (Bulb), Kale, Kohlrabi, Mizuna, Napa Cabbage, Potato, Rapini (Broccoli Raab), Sweet Corn, Tatsoi
Turmeric	-	-

A-Z companion table

Good neighbours and crops to keep apart, for all 92 crops on the site

Crop	Good neighbours	Keep apart
Turnip	Bush Bean, Onion, Pea	Potato, Rutabaga
Watercress	-	-
Watermelon	Bush Bean, Radish, Sweet Corn	Potato
Winter Squash	Bush Bean, Pole Bean, Radish, Sweet Corn	Potato, Sweet Potato
Zucchini / Summer Squash	Borage, Bush Bean, Pea, Pole Bean, Radish, Sweet Corn	Potato

A dash means no strong pairing is recorded for that crop. Fruit and herb entries follow the same rules as vegetables.

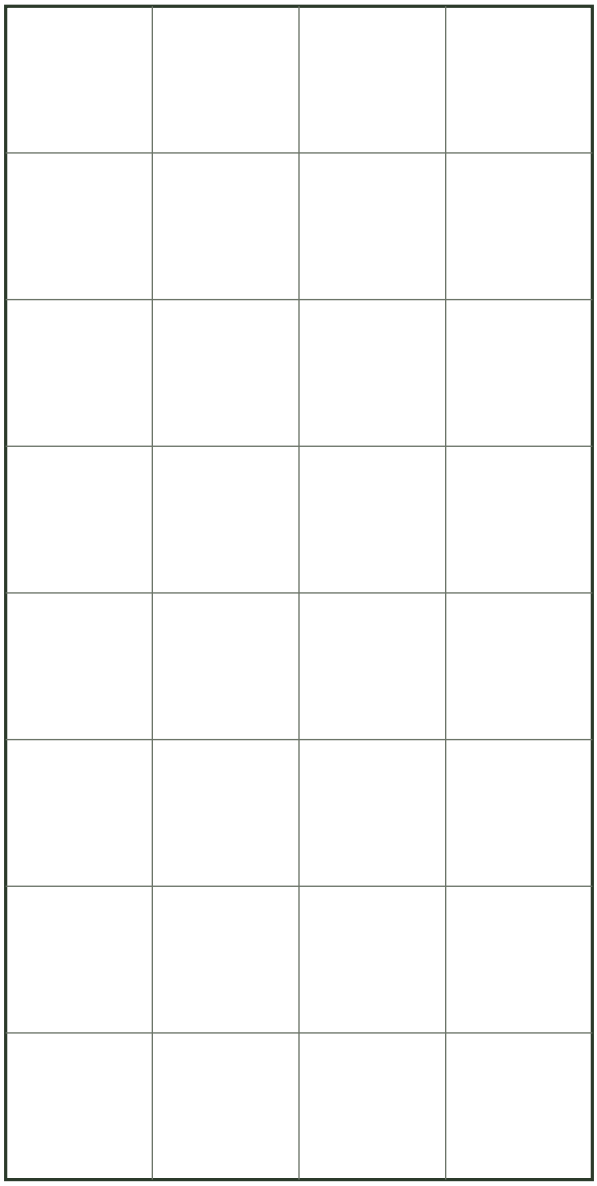
Plan your beds

Rotation families, notes and two blank 4 x 8 ft beds

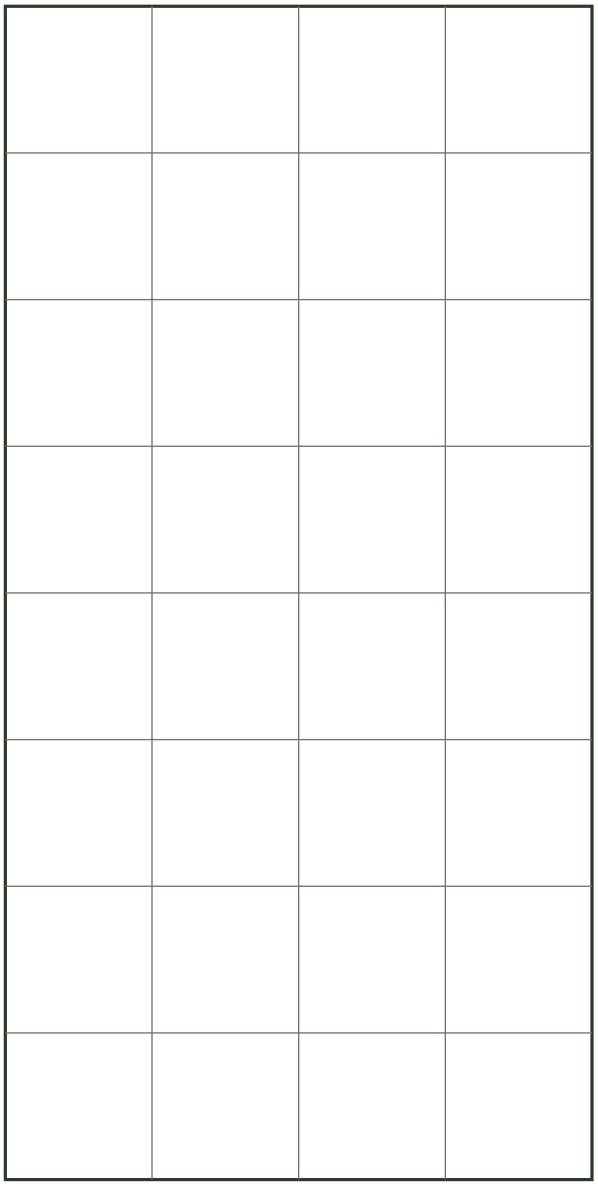
Rotate by plant family: avoid planting the same family in the same bed year after year.

Brassicaceae: Arugula, Bok Choy / Pak Choi, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collard Greens, ...
Lamiaceae: Basil, Lemon Balm, Mint, Oregano, Rosemary, Sage, Shiso (Perilla), ...
Apiaceae: Carrot, Celeriac, Celery, Chervil, Cilantro / Coriander, Dill, Fennel (Bulb), ...
Fabaceae: Bush Bean, Edamame (Soybean), Fava Bean (Broad Bean), Lima Bean, Pea, Peanut, Pole Bean, ...
Cucurbitaceae: Bitter Melon, Chayote, Cucumber, Luffa (Loofah Gourd), Pumpkin, Winter Squash, Zucchini / Summer Squash
Asteraceae: Endive & Escarole, Globe Artichoke, Lettuce, Radicchio, Salsify, Sunflower, Tarragon
Solanaceae: Bell Pepper, Chili Pepper, Eggplant, Potato, Tomatillo, Tomato
Amaryllidaceae: Chives, Garlic, Green Onion / Scallion, Leek, Onion, Shallot

Bed 1 (1 square = 1 sq ft)



Bed 2 (1 square = 1 sq ft)



Notes: what worked and what did not