

Companion Planting Chart for Vegetable Gardens

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GRAPHICS NOTE: Each row has a dashed-border image box (IMG) next to the vegetable name. This is where a small illustration of that vegetable should be placed — approximately 48 x 48 pixels (thumbnail size). Use Midjourney, DALL-E, or clipart to generate simple vegetable icons and drop them into each box. Keep illustrations consistent in style across all rows for a polished look. A simple flat-color or line-art style works best for printing.

Image placeholder — add vegetable illustration here

Good companion — plant together

Bad companion — keep apart

Notes — planting tips

Vegetable	Good Companions ✓	Bad Companions ✗	Notes
IMG Asparagus	✓ Tomatoes ✓ Basil ✓ Parsley ✓ Marigolds	✗ Onions ✗ Garlic ✗ Potatoes	Tomatoes repel asparagus beetles; asparagus repels nematodes that harm tomatoes. A classic mutual benefit pairing.
IMG Basil	✓ Tomatoes ✓ Peppers ✓ Oregano ✓ Marigolds	✗ Sage ✗ Fennel	Basil is said to improve the flavor of nearby tomatoes and repel aphids, whiteflies, and tomato hornworms. Plant throughout the tomato bed.
IMG Beans	✓ Corn ✓ Squash ✓ Carrots ✓ Cucumbers ✓ Peas ✓ Summer Savory ✓ Strawberries	✗ Onions ✗ Garlic ✗ Shallots ✗ Fennel ✗ Beets	Beans fix nitrogen in the soil, benefiting neighboring plants. Part of the Three Sisters combination with corn and squash. All alliums inhibit bean growth.
IMG Beets	✓ Onions ✓ Lettuce ✓ Cabbage ✓ Kohlrabi ✓ Garlic	✗ Pole Beans ✗ Field Mustard	Beets add minerals to the soil through their leaves when used as mulch or compost. Pole beans and beets stunt each other's growth.
IMG Broccoli & Brassicas	✓ Dill ✓ Celery ✓ Onions ✓ Potatoes ✓ Rosemary ✓ Sage ✓ Thyme ✓ Beets	✗ Tomatoes ✗ Peppers ✗ Strawberries ✗ Beans ✗ Mustard	Includes broccoli, cabbage, cauliflower, kale, Brussels sprouts, and collard greens. Aromatic herbs help deter cabbage moths and aphids.
IMG Carrots	✓ Onions ✓ Leeks ✓ Rosemary ✓ Sage ✓ Peas ✓ Lettuce ✓ Tomatoes ✓ Radishes	✗ Dill (mature) ✗ Fennel ✗ Parsnips	Onions and carrots are a classic pairing — each repels the other's main pest (carrot fly and onion fly). Dill can cross-pollinate with carrots when flowering.
IMG Celery	✓ Tomatoes ✓ Leeks ✓ Beans ✓ Brassicas ✓ Onions ✓ Spinach	✗ Corn ✗ Parsley	Celery deters white cabbage butterflies when planted near brassicas. It prefers consistent moisture and benefits from the shade of taller plants nearby.
IMG Corn	✓ Beans ✓ Squash ✓ Cucumbers ✓ Potatoes ✓ Peas ✓ Marigolds ✓ Sunflowers	✗ Tomatoes ✗ Fennel ✗ Celery ✗ Brassicas	Corn is the central pillar of the Three Sisters — beans climb the stalks, squash shades the ground below. This Native American combination has been used for centuries.
IMG Cucumbers	✓ Beans ✓ Corn ✓ Peas ✓ Radishes ✓ Sunflowers ✓ Lettuce ✓ Dill (young)	✗ Potatoes ✗ Sage ✗ Strong Aromatics ✗ Melons (disease spread)	Radishes planted near cucumbers help deter cucumber beetles. Avoid planting cucumbers near potatoes — they share pests and diseases.
IMG Garlic	✓ Tomatoes ✓ Peppers ✓ Carrots ✓ Cucumbers ✓ Lettuce ✓ Roses ✓ Fruit Trees	✗ Beans ✗ Peas ✗ Asparagus ✗ Sage ✗ Parsley	Garlic is a natural pest deterrent — its strong scent repels aphids, spider mites, and many other insects. An excellent plant to scatter throughout the garden.
IMG Leeks	✓ Carrots ✓ Celery ✓ Onions ✓ Parsnips	✗ Beans ✗ Peas	Leeks and carrots make an excellent pairing — leeks deter carrot flies and carrots deter leek moths. Plant them in alternating rows for best results.
IMG Lettuce	✓ Carrots ✓ Radishes ✓ Strawberries ✓ Cucumbers ✓ Onions ✓ Garlic ✓ Chives	✗ Celery ✗ Parsley ✗ Fennel	Lettuce grows well in the shade of taller plants and makes excellent use of space between rows of cucumbers, corn, and tomatoes. Fast to mature and harvest.
IMG Marigolds	✓ Tomatoes ✓ Peppers ✓ Squash ✓ Beans ✓ Cucumbers ✓ Most vegetables	✗ None significant	One of the most beneficial plants in any vegetable garden. Marigolds repel aphids, whiteflies, nematodes, and many beetles. Plant freely throughout the garden border and between rows.
IMG Onions	✓ Carrots ✓ Beets ✓ Lettuce ✓ Tomatoes ✓ Peppers ✓ Brassicas ✓ Chamomile	✗ Beans ✗ Peas ✗ Asparagus ✗ Sage	Onions deter many common pests with their strong scent. The onion-carrot combination is particularly effective — each repels the other's primary insect pest.
IMG Peas	✓ Carrots ✓ Radishes ✓ Corn ✓ Turnips ✓ Cucumbers ✓ Beans ✓ Spinach	✗ Onions ✗ Garlic ✗ Leeks ✗ Fennel	Like beans, peas fix nitrogen in the soil, enriching it for neighboring plants. All alliums (onions, garlic, leeks) inhibit pea growth significantly.
IMG Peppers	✓ Basil ✓ Tomatoes ✓ Carrots ✓ Onions ✓ Garlic ✓ Marigolds	✗ Fennel ✗ Kohlrabi ✗ Brassicas	Peppers and basil are excellent neighbors — basil is said to improve pepper flavor and repel aphids and spider mites that commonly attack pepper plants.
IMG Potatoes	✓ Beans ✓ Corn ✓ Cabbage ✓ Marigolds ✓ Horseradish ✓ Parsley	✗ Tomatoes ✗ Cucumbers ✗ Squash ✗ Sunflowers ✗ Raspberries ✗ Pumpkins	Horseradish planted at the corners of the potato bed is a traditional method of deterring potato beetles. Tomatoes and potatoes share diseases and should always be planted well apart.
IMG Radishes	✓ Cucumbers ✓ Lettuce ✓ Peas ✓ Spinach ✓ Carrots ✓ Melons	✗ Hyssop ✗ Turnips	Radishes make excellent trap crops — their quick growth and attractive scent lures flea beetles and other pests away from more valuable crops. Quick to harvest, leaving space for other plants.
IMG Spinach	✓ Strawberries ✓ Beans ✓ Peas ✓ Celery ✓ Cauliflower ✓ Radishes	✗ Potatoes ✗ Fennel	Spinach grows quickly and does well as a cool-season crop planted between rows of taller warm-season vegetables. Its secretions are said to stimulate the germination of nearby plants.
IMG Squash & Zucchini	✓ Corn ✓ Beans ✓ Radishes ✓ Marigolds ✓ Nasturtiums ✓ Borage	✗ Potatoes ✗ Brassicas ✗ Fennel	Squash forms the ground cover layer of the Three Sisters — its large leaves shade the soil, retain moisture, and discourage weeds. Nasturtiums planted nearby deter squash bugs effectively.
IMG Tomatoes	✓ Basil ✓ Garlic ✓ Carrots ✓ Parsley ✓ Marigolds ✓ Asparagus ✓ Celery ✓ Borage	✗ Potatoes ✗ Fennel ✗ Brassicas ✗ Corn ✗ Beets ✗ Dill (mature)	Tomatoes and basil are the most famous companion pair in the vegetable garden. Marigolds around the tomato bed deter whiteflies, nematodes, and aphids significantly. Keep tomatoes and potatoes far apart at all times.

Note on companion planting: Companion planting results can vary by region, climate, and garden conditions. The relationships shown above are based on widely observed gardening practice and traditional knowledge. Use this chart as a guide and observe what works best in your own garden from season to season.