

**Table 1. COMPANION PLANTING CHART FOR HOME & MARKET GARDENING**  
*(compiled from traditional literature on companion planting)*

<b>CROP:</b>	<b>COMPANIONS:</b>	<b>INCOMPATIBLE:</b>
Asparagus	Tomato, Parsley, Basil	
Beans	Most Vegetables & Herbs	Onion, Garlic, Gladiolus
Beans, Bush	Irish Potato, Cucumber, Corn, Strawberry, Celery, Summer Savory	Onion
Beans, Pole	Corn, Summer Savory, Radish	Onion, Beets, Kohlrabi, Sunflower
Beets	Cabbage & Onion Families, Lettuce	Pole Beans
Cabbage Family	Aromatic Herbs, Celery, Beets, Onion Family, Chamomile, Spinach, Chard	Dill, Strawberries, Pole Beans, Tomato
Carrots	English Pea, Lettuce, Rosemary, Onion Family, Sage, Tomato	Dill
Celery	Onion & Cabbage Families, Tomato, Bush Beans, Nasturtium	
Corn	Irish Potato, Beans, English Pea, Pumpkin, Cucumber, Squash	Tomato
Cucumber	Beans, Corn, English Pea, Sunflowers, Radish	Irish Potato, Aromatic Herbs
Eggplant	Beans, Marigold	
Lettuce	Carrot, Radish, Strawberry, Cucumber	
Onion Family	Beets, Carrot, Lettuce, Cabbage Family, Summer Savory	Beans, English Peas
Parsley	Tomato, Asparagus	
Pea, English	Carrots, Radish, Turnip, Cucumber, Corn, Beans	Onion Family, Gladiolus, Irish Potato
Potato, Irish	Beans, Corn, Cabbage Family, Marigolds, Horseradish	Pumpkin, Squash, Tomato, Cucumber, Sunflower
Pumpkins	Corn, Marigold	Irish Potato
Radish	English Pea, Nasturtium, Lettuce, Cucumber	Hyssop
Spinach	Strawberry, Faba Bean	
Squash	Nasturtium, Corn, Marigold	Irish Potato
Tomato	Onion Family, Nasturtium, Marigold, Asparagus, Carrot, Parsley, Cucumber	Irish Potato, Fennel, Cabbage Family
Turnip	English Pea	Irish Potato

### Common vegetable crops and useful companions and their interactions:

Crop	Companions and their Effect
Beans	Most vegetables and herbs. Beans acts as a nitrogen fixer. Corn provides support.
Beans (bush)	Corn and sunflowers provide shade. Sunflowers attract pollinators. Bush beans also grow well with cucumber and celery.
Cabbage family	Aromatic herbs deter cabbage worms. Dill attracts beneficial wasps. Tomatoes repel moth larvae that eat cabbages.
Celery	Celery improves the growth of leeks, cauliflower, cabbage and tomatoes and repels white cabbage butterflies.
Corn	Beans and peas add nitrogen to the soil, cucumber, squash and pumpkin get support from corn and in return anchor the corn.
Cucumber	Beans and peas add nitrogen to the soil, corn, and sunflowers provide shade and radish improves growth
Eggplant	Beans add nitrogen and marigolds encourage growth, deters insect pests and nematodes.
Lettuce	Carrot, cucumber, and radish improves growth and flavour
Parsley	Tomato and asparagus. Parsley improves growth and flavour and attracts bees and ladybirds and deters some pests
Peas	Carrots, radish, cucumber, corn, bean and squash. Adds nitrogen to the soil
Pumpkins	Corn provides support and shade and pumpkin acts as an anchor.
Radish	Peas add nitrogen, lettuce and cucumber improve growth and nasturtium repels aphids, beetles, whiteflies and other bugs.
Squash	Corn provides shade and support, marigold encourages growth and deters nematodes, and nasturtium deters insect pests.
Tomato	Parsley, basil, asparagus, chives, onions and cucumber improves growth and flavour and marigold and nasturtium deter nematodes and insect pests.

### Some useful herbs and flowers and their effect:

Plant	Effect
Basil	Improves growth and flavour of tomatoes and repels flies and mosquitoes
Chives	Plant around the base of fruit trees to discourage insects from climbing the trunk.
Dill	Improves growth and health of cabbage. Attracts beneficial wasps that control cabbage pests
Marigolds	Plant throughout the garden as it keeps soil free of nematodes and discourages many other insects.
Nasturtium	Plant under fruit trees, deters aphids, bugs, pumpkin beetles and general pests of the cucurbit family.
Petunias	Plant throughout the garden and with tomatoes to repel tomato worm and asparagus beetle
Pigweed	Pumps nutrients from subsoil and is beneficial to potatoes, onions and corn. Keep weeds thinned and under control. Also attracts leaf miners away from other crops such as peppers.

### Bad companions:

Sometimes when plants are grown together only one of them will benefit. This can occur when tomatoes are grown with cabbages, the tomato benefits but the cabbage does not.

Bad combinations occur when different plants grown together don't thrive and become stunted and fail. This could be due to too much competition, both struggling for light or space, or nutrients. Chemical secretions from some plants can also act as growth inhibitors for other plants near them, for example walnuts secrete a chemical through their roots that is poisonous to most plants. Fennel is a herb that most plants dislike because of the chemicals released, but it can be good for attracting beneficial insects.

Some other bad combinations include:

- Onions with corn, cabbage, peas and beans.
- Corn does not like tomatoes
- Potatoes don't like pumpkin, squash, tomato, cucumber and sunflower
- Cucumbers don't like aromatic herbs