

LAVENDER FIELDS HERB FARM PRESENTS
THE ORGANIC GARDENING SERIES
COMPANION PLANTING

Protecting and Enhancing Herbs and Vegetables with Other Plants

Companion planting is a methodology that has more to do with observation than science, but it works. An important and interesting facet of cultural control involves staying bugs and disease and increasing the flavor and health of surrounding plants, by growing certain plants next to each other, it has been observed that in the garden certain plants complement each other. One mutually increasing the productivity or health of the other "The most effective companion in the garden is the gardener"

Plant	Companion(s) and Effects
Asparagus	Tomatoes, parsley, basil
Basil	Tomatoes (improves growth & flavor); said to dislike rue; repels aphids, flies, mosquitoes and mites; also has fungicidal properties. Plant around tomatoes to repel horn worm.
Bean	Potatoes, carrots, cucumbers, cauliflower, cabbage, summer savory, most other veggies & herbs. Grow beans near your potatoes for healthy soil.
Bean (bush)	Sunflowers (beans like partial shade, unless you live up north. Sunflowers attract birds & bees for pollination), cucumbers (combination of heavy and light feeders), potatoes, corn, celery, summer savory.
Bee Balm	Tomatoes (improves growth & flavor).
Beet	Onions, kohlrabi
Borage	Tomatoes (attracts bees, deters tomato worm, improves growth & flavor), squash & strawberries. Great for attracting bees (imperative for pollination) Plant with tomatoes to deter horn worm. Easy from seed, plant with tomatoes.
Cabbage Family (broccoli, brussels sprouts, cabbage, cauliflower, kale, kohlrabi)	Potatoes, celery, dill, chamomile, sage, thyme, mint, pennyroyal, rosemary, lavender, beets, onions; aromatic plants deter cabbage worms.
Calendula	Improves soil by keeping free from nematodes.
Caraway	Loosens soil; plant here and there throughout your garden
Carrot	Peas, lettuce, chives, onions, leeks, rosemary, sage, tomatoes. Left to bloom in the summer the flowers attract beneficial wasps.
Catnip	Plant in borders; protects against flea beetles. Repels ants, fleas and mosquitoes
Celery	Leeks, tomatoes, bush beans, cauliflower, cabbage.
Chamomile	Cabbage, onions. Repels cabbage moths.
Chervil	Radishes (improves growth & flavor).
Chive	Carrots; plant around base of fruit trees to discourage insects from climbing trunk. Plant around roses and lettuce to repel aphids.
Corn	Potatoes, peas, beans, cucumbers, pumpkin, squash.
Cucumber	Beans, corn, peas, radishes, sunflowers.
Dead Nettle	Potatoes (deters potato bugs)
Dill	Cabbage (improves growth & health), carrots.
Eggplant	Beans
Leaf Fennel (Incl bronze)	Left to bloom attracts beneficial wasps. Can grow up to 8', Attracts Butterflies

Feverfew	Repels moths, use as a border around roses.
Garlic	Roses & raspberries (deters Japanese beetle); with herbs to enhance their production of essential oils; plant liberally throughout garden to deter pests.
Horseradish	Potatoes (deters potato beetle); plant around plum trees to discourage curculios
Hyssop	Cabbage (deters cabbage moths), grapes; keep away from radishes.
Lamb's Quarters	Nutritious edible weeds; allow to grow in modest amounts in the corn.
Lavender	Repels slugs and moths, deer do not like lavender. Add a handful of lime at planting, prefers pH7-8. Trim by 1/3 6-weeks before first frost. Our avg first frost is 16 November. Needs full sun and good drainage.
Leek	Onions, celery, carrots
Lemon Balm	Here and there in the garden.
Marigold	The workhorse of pest deterrents; keeps soil free of nematodes; discourages many insects; plant freely throughout the garden. (French or African are best)
Marjoram	Here and there in the garden.
Mint	A valuable companion to the Cabbage family; tomatoes; deters cabbage moth, mice do not like it. Repels aphids and cabbage worms. Earthworms are happy under a canopy of mint. Plant in containers as it is an aggressive spreader. Mountain mint good for attracting beneficials and may be grown from seed.
Nasturtium	Tomatoes, radish, cabbage, cucumbers; plant under fruit trees; repels aphids & whiteflies and pests of curcurbits (pumpkin, squash, cucumber family). Plant around fruit trees. Prefers part shade, entire plant is edible including flowers tastes like arugula.
Onion	Beets, strawberries, tomato, lettuce (protects against slugs), beans (protects against ants), summer savory. Deters potato bugs, bean beetles and stem borers. The family includes the perennial Egyptian Walking Onion.
Oregano	Repels cucumber beetle.
Parsley	Tomato, asparagus.
Pea	Squash (when squash follows peas up trellis), plus grows well with almost any vegetable; adds nitrogen to the soil.
Pennyroyal	Repels ants. In the Mint family.
Petunia	Protects beans; beneficial throughout garden. Repels aphids, leafhoppers, Mexican bean beetles. Good around fruit trees.
Potato	Horseradish, beans, corn, cabbage, French marigold, limas, eggplant (as a trap crop for potato beetle)
French Marigold	Helps tomato, but plant throughout garden as deterrent to asparagus beetle, tomato worm & many other garden pests. Flowers are edible. French and African varieties eliminate nematodes in the soil.
Pumpkin	Corn
Radish	Peas, nasturtium, lettuce, cucumber; a general aid in repelling insects. Plant around cucumbers and squash to trap beetles.
Rosemary	Carrots, beans, cabbage, sage; deters cabbage moth, bean beetles & carrot fly. Prostrate variety is used to deter snails and slugs.
Rue	Roses & raspberries; deters Japanese beetle, flies, fleas and ants. Keep away from basil. Cats do not like rue.

Sage	Rosemary, carrots, cabbage, peas, beans; deters some insects.
Santolina	Repels moths.
Society Garlic	Plant around roses to repel Japanese beetle. Edible flower.
Soybean	Grows with anything; helps everything.
Spinach	Strawberries
Squash	Nasturtium, corn
Strawberry	Bush beans, spinach, borage, lettuce (as a border) and marigolds.
Summer Savory	Beans, onions; deters bean beetles.
Sunflower	Cucumber
Tansy	Plant under fruit trees; deters pests of roses & raspberries; deters flying insects, also Japanese beetles, striped cucumber beetles, squash bugs; deters ants, repels borers and cutworm. Old parts can be chopped up and used as a pest-repellent mulch. Invasive!
Tarragon	Good throughout the garden
Thyme	Here and there in the garden; deters cabbage worm and slugs.
Tomato	Chives, onion, parsley, asparagus, marigold, nasturtium, carrot, limas. Plant around asparagus to repel asparagus beetles.
Valerian	Good anywhere in garden, blooms attract beneficials.
wormwood (Artemisia family)	As a border, keeps animals from the garden.
Yarrow	Plant along borders, near paths, near aromatic herbs; enhances essential oil production of herbs. Pest repellent , 'Moonwalker' best.

[Tansy](#), [Yarrow](#), [Lavender](#) and [Rosemary](#) may be dried and applied as a pest repellent mulch around plants .

Healthy soil makes for healthy plants. Healthy plants are less prone to diseases and attacks by bugs. A good mix of plants encourages a healthful variety of bug life. Garlic, marigolds and mints are known for their built-in repulsiveness to bugs (strong smells). Repellent plants are effective up to a distance of approximately three feet. Crop rotation is an excellent way to keep soil and plants healthy, a 3-4 year rotation is best.

**NOTE: Notes from herb seminar are added in blue.*

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