

COMPANION PLANTS







THAT DETER INSECTS




HUMBER NURSERIES 'GREEN THUMB GUIDE'







Companion plants exude essential oils that deter insects from being attracted to a certain plant. Some plants also exude oil from their root systems which deters diseases such as mildew and black spot. There is no doubt that the marriages of particular plants can make a tremendous difference in your garden. Many gardens have insect populations which are not problematic because of natural controls. The table below shows how plants can fit into your garden and work with others to deter bad bugs, attract good ones, and maintain the balance of nature.

Plant Name	Companion to	Deters	Attracts
Anise	Beans, Coriander Avoid Carrots	Ants, Aphids, Cabbage Maggot	Beneficial Wasps
Aster	Most crops	Most insects	
Basil	Asparagus, Cabbage, Tomato Avoid Rue	Aphids, Whitefly, Cabbage Moth, Mosquitoes, Asparagus Beetle	Bees
Bee Balm	Tomato (with Garlic)	Mildew	
Borage	Beans, Squash, Strawberry, Tomato	Tomato Hornworm, trap plant for Japanese Beetle	Bees
Calendula	Most crops	Most insects	Butterflies
Chamomile	Broccoli, Cauliflower, Cucumber, Cabbage, Onion, Mints	Good as a tea for sick plants, for rooting cuttings and as a spray on Rosemary	
Caraway	Peas, Roses, most crops (loosens soil) Avoid Dill	Aphids	Beneficial Wasps
Catnip	Eggplant. (Use as a border)	Ants, Aphids, Flea Beetle, Colorado Potato Beetle, Japanese Beetle, Plant Hoppers, plus 18 other type of insects (with Zucchini for Squash Bug)	Bees/Butterflies
Chervil	Carrots, Radish (makes radish very hot)		Beneficial Wasps
Chives	Fruit trees, Carrot, Grape, Roses, Tomato	Aphids, Apple scab, Japanese Beetle, Whitefly, Mites, Squash Mildew	Butterflies Beneficial Wasps
Chrysanthemum	Most crops, Strawberry	Bad Nematodes, Many insects	Butterflies Bees
Coreopsis	As a border	Many insects	
Coriander	Anise, Potato Avoid Fennel	Most insects, esp. Aphids, Carrot Fly, Mites, Colorado Potato Beetle	Bees, Beneficial Wasps

Plant Name	Companion to	Deters	Attracts
Cosmos	As a border	Many insects	
Dead Nettle	Potato	Potato Bug	Beneficial wasps
Dill	As a border Broccoli, Brussel Sprouts, Cabbage, Cauliflower, Lettuce, Onion Avoid Carrots and Caraway	Aphids, Mites	Celery worm Butterflies
			
Echinacea		Excellent in clay soils as it breaks up the soil	Bees, Butterflies, Hover Fly (larvae consumes twice that of Ladybug)
Fennel	Most plants dislike this herb Avoid most plants	Aphids, Cabbage Maggot, Corn Borer, Onion Maggot, Cucumber Beetle, Flea Beetle, Parsley Worm, Potato Beetle, Tomato Hornworm, Squash Vine Borer, Mexican Bean Beetle. (use Bronze Fennel foliage cuttings around plants prone to Slug damage)	Potter Wasp, and other Parasitic Wasps, Hover Fly (larvae consumes twice that of Ladybug)
			
Feverfew	Roses	Aphids	Bees
			
Flax	Carrot, Potato	Cucumber Beetle, Potato Bug	Bees Butterflies
Flowering Tobacco		Whitefly	
Garlic	Bee Balm, Carrots, Fruit Trees, Lilies, Phlox paniculata, Raspberry, Tomato, Roses Avoid Beans, Peas	Aphids, Black Spot, Blight, Coddling Moth, Flea Beetle, Japanese Beetle, Mexican Bean Beetle, Mildew, Mites, Potato Beetle, Root Maggots, Slugs, Snails, Tree Borer	
			
Geranium (white)	Most Crops	Most insects, Aphids Japanese Beetle trap	
Horseradish	Cucumber, Potato, Plum (plant in corners) (fungicide for fruit trees)	Colorado Potato Beetle, Cucumber Beetle	
Hyssop	Brussel Sprouts, Cabbage, Cauliflower, Grape Avoid Radish	Flea Beetle, Onion Maggot, White Cabbage Moth when planted with Sage	
			
Lavender	Cabbage, Cauliflower	Moths (with rosemary, southernwood and wormwood in an anti-moth sachet)	Bees Butterflies
French Marigolds (Tagetes)	Bean, Potato, Rose, Tomato	Cutworms, Asparagus Beetle, Slugs (when planted with tomatoes), Whitefly, Mexican Bean Beetle, Corn Borer, Bad Nematodes. Most Insects and weeds (bindweed, couch grass, ground ivy) Most Insects	
Marjoram	Peppers, Most Crops		
Mint (spearmint, pennyroyal)	Broccoli, Brussel sprouts, Cabbage, Cauliflower, Squash, Tomato	Ants, Aphids, Black Flea Beetle, Cabbage Maggot, Cutworms, Fleas, Mosquitoes, White Cabbage Moth, Vertebrates	Bees
			

Plant Name	Companion to	Deters	Attracts
Mole Plant (Gopher Spurge)		Moles and Mice	Bees
Morning Glory	Corn, Melon		
Nasturtium (yellow)	Most crops, esp. Asparagus, Beans, Broccoli, Brussels Sprouts Cabbage, Cucurbits, Fruit trees, Radish, Tomato, Hollyhocks and Snowball Bush <i>(trap for black aphids)</i>	Aphids, Squash Bugs, Cucumber Beetle, Cabbage Maggot, Mexican Bean Beetle, Striped Pumpkin Beetle, White Fly, Asparagus Beetle, Woolly Aphid	
Oenothera			Ground Beetle (slug predator), Pirate Beetle feeds on snails, caterpillars and aphids
Oregano	Most crops, esp. Broccoli, Cauliflower, Cabbage, Cucumber, Peppers	Squash Vine Borer Most insects	
Parsley	Asparagus, Carrot, Celery, Leek, Onion, Pea, Rose, Tomato	Most insects	Trichogramma Wasp (mosquito predator)
Peppermint	Cabbage	White Cabbage Moth	
Petunia	Bean	Bean pests, Aphids	
Pot Marigold	Asparagus, Beans, Cucumber, Tomato Most crops	Asparagus Beetle, Tomato Hornworm, other insects	
Pyrethrum Daisy	Strawberry	Aphids, Plant Hoppers, Cabbage Worms and most insects. (dried flower heads run through food processor and strained act as a general insect repellent)	Hover Fly Beneficial wasps
Queen Anne's Lace	Pine trees Spruce trees		Ichneumon wasp attacks Sawflies. Other parasitic wasps
Rosemary	Bean, Broccoli, Brussel Sprouts, Cabbage, Carrot, Sage <i>(Moth control for wardrobes)</i>	Bean Beetle, Cabbage Maggot, Carrot Fly, Slugs, Snails, White Cabbage Moth	
Rue	Raspberry, Rose <i>Avoid Basil</i>	Whitefly, Cabbage Beetle, Cabbage Maggot, Japanese Beetle, Flea Beetle, Onion Maggot, Slugs, Snails, Rose Chafer Beetle. Other insects.	Potter Wasp <i>(one of the best caterpillar predators)</i>
Sage	Broccoli, Brussel Sprouts, Cabbage, Carrot, Tomato, Rosemary Peas, Beans, Marjoram, Strawberry <i>Avoid Cucumber</i>	Most insects, esp. Cabbage Maggot, Carrot Fly, Flea Beetle, Slugs, White Cabbage Moth	plant with Hyssop for Cabbage Moth trap plant
Southernwood	Most crops, esp. Cabbage, Fruit Trees	Aphids, White Cabbage Moth, Tree Moths	
Stinging Nettle	Aromatic Herbs, Tomato (as a deterrent border)	Aphids, Pathogens	
Summer Savory	Bush Bean, Onion	Bean Beetle	Bees

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Tansy, Fernleaf	Cabbage, Birch Trees, Fruit Trees, Peppers, Potato, Raspberry, Roses	Most insects, esp., Ants, Aphids, Cabbage Moth, Cabbage Worm, Cutworm, Whitefly, Japanese Beetle, Japanese Cucumber Beetle Potato Beetle. (with Zucchini for Squash Bugs)	Ladybugs
 Thyme	Most crops, esp. Cabbage, Eggplant	Cabbage Worm, White Cabbage Moth	
Valerian	Fruit Trees	Most insects, Vertebrate pests	
Variegated Euphorbia	Fruit Trees, Avoid Grapes	Most insects, Vertebrate pests	
Winter Savory	Bean plants	Most insects	
Wormwood	Carrots As a border (helps keep out animals) Avoid most seedlings, Anise, Caraway, Fennel, Sage	Most insects, esp. Aphids, Black Flea Beetle, Carrot Fly, White Cabbage Moth, Slugs, Snails.	
Yarrow	Plant near aromatic herbs to enhance essential oils. as a border	Most insects	Chacid Wasp (scale and Mealy Bug predator), Braconid Wasp (Cabbage Moth and Bark Beetle predator) Lady Bugs

Perennials

Bleeding Heart
Blue False Indigo
Balloon Flower
Beard-Tongue
Bugloss,
Campion
Catmint
Day Lily
False Dragonhead
False Lupine
Globeflower
Helianthus
Candytuft
Houseleek
Iceland Poppy

Almost "pest free" plants!

Liatris
Meadow Rue
Mullein
Olympic Poppy
Scabiosa
Perennial Flax
Potentilla
Purple Coneflower
Rock Soapwort
Sea Lavender
Silvermound
Snow-in-Summer
St. John's Wort
Stoke's Aster
Sun Rose
Sweet Rocket
Red Hot Poker

Shrubs

Acer ginnala
Beauty Bush
Cornelian Cherry
Russian Olive
Burning Bush
Corkscrew Hazel
Holly
Potentilla
Rhododendron
Species Roses
Spirea
Snowberry
Yew



Most herbs are pest-free!

Biennials

English Daisy
English
Wallflowers
Poppy
Violet

Annuals

African Daisy
Bells of Ireland
Butterfly flower



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**Green is not just a colour.....
It's our future.**

