Perseverance Permaculture

Vegetable Gardening

Vegetable	Beneficial for Pest Control	Grow Well Together	Do NOT Plant Together	Vegetable	Cold Tolerant	Germination	Growing	Heat Tolerant	Days to Harvest	Sow	Seed Depth	Plant Space	Days to Sprout	Plant Height
Artichoke	Tick Clover deter Army worms, Marigolds deter aphids, Nasturtiums trap aphids, Yarrow repels ants.	Asparagus, Broccoli, Cabbage, Cauliflower, Cucumbers, Kale, Peas	Potatoes, Tomatoes	**Artichoke**	32°	70-80°	55-75°	90°	85-100	Indoor	1/4"	36-48"	10-14	36-48"
Asparagus	Calendula attract beneficial predators of asparagus beetle. Petunias repel asparagus beetles.	Basil, Beets, Berries, Carrots, Parsley, Peppers, Spinach, Tomato	Garlic, Leeks, Onions, Potatoes	**Asparagus**	32°	70-80°	55-85°	95°	3 yrs	Indoor	1"	12"	14-56	36-60"
Beans	Calendula deter Japanese beetles. Rosemary and Summer Savory deter bean beetles and improves taste.	Berries, Broccoli, Carrots, Cauliflower, Chards, Corn, Cucumber, Kale, Peas, Tomatoes	Basil, Beets, Fennel, Onions, Peppers, Rabi	**Beans**	32°	75-85°	60-85°	95°	60-75	Direct	1"	4-8"	6-10	varies
Beets	Onions, Leeks, and Garlic deter aphids and flea beetles. Marigolds deter aphids.	Broccoli, Cabbage, Cauliflower, Corn Cucumbers, Kale, Peppers, Rabi, Squash, Tomatoes	Beans, Mustard, Chards	**Beets**	28°	75-85°	45-80°	85°	55-70	Direct	1"	4"	7-15	12-18"
Berries	Borage, Mint, Onions, Sage, Tansy, and Yarrow deter pests.	Asparagus, Beans, Peas, Radish, Spinach	Beets, Broccoli, Cabbage, Cauliflower, Eggplant, Garlic, Melons, Okra, Potato, Tomato	**Berries**	Varies greatly					Varies greatly				
Broccoli (& Brussel Sp.)	Dill, Marigolds, Oregano, Rosemary Thyme to deter cabbage worms. Cilantro deters potato beetles, aphids and spider mites. Turnips deter aphids.	Beets, Carrots, Chards, Cucumber, Garlic, Spinach	Beans, Peppers, Squash, Berries, Tomatoes	**Broccoli (& Brussel Sp.)**	28°	65-85°	40-80°	85°	60-150	Either	1/4"	12-20"	7-10	16-24"
Cabbage	Dill, Marigolds, Oregano, Rosemary, Thyme to deter cabbage worms. Cilantro deters potato beetles, aphids and spider mites. Turnips deter aphids.	Beets, Carrots, Chards, Cucumber, Garlic, Spinach	Beans, Peppers, Squash, Berries, Tomatoes	**Cabbage**	28°	65-85°	40-80°	85°	70-100	Either	1/4"	12-20"	7-10	12-20"
Carrots	Leeks deter carrot flies. Marigolds, Onions and Rosemary deter carrot flies. Onion deters carrot and wire weevils. (Dont plant onions with beans or peas.) Thyme deters cut worms.	Beans, Cabbage, Broccoli, Lettuce, Peas, Peppers, Radish, Tomatoes (Tomatoes, Onion, and Radish may stunt carrot growth.)	Corn, Dill, Melons, Potatoes, Squash	**Carrots**	28°	65-85°	40-85°	85°	55-80	Direct	1/4"	3"	14-21	12"
Cauliflower	Dill, Marigolds, Oregano, Rosemary, Thyme deter cabbage worms. Cilantro deters potato beetles, aphids and spider mites. Turnips deter aphids.	Beets, Carrots, Chards, Cucumber, Garlic, Spinach	Beans, Peppers, Squash, Berries, Tomatoes	**Cauliflower**	28°	65-85°	40-80°	85°	50-60	Either	1/4"	12-20"	7-10	16-24"
Corn	Dill, Geraniums, Marigolds, Sage, and Thyme deter pests. Okra hedges can be used for a windbreak.	Beans, Cucumber (bush), Melons, Peas, Squash, Sunflowers, Parsley	Tomatoes	**Corn**	40°	75-95°	55-95°	105°	60-100	Direct	1 1/2"	8"	7-10	60"+
Cucumber	Radishes deter vine borers. Nasturtiums deter cucumber beetles. Catnip, Tansy, Marigolds, and Mint deter squash bugs.	Beans, Carrots, Corn, Lettuce, Onions, Peas, Sunflower, Tomatoes	Rosemary	**Cucumber**	40°	65-85°	65-95°	105°	50-70	Either	1/2"	12-20"	7-10	60"+
Eggplant	Catnip, Chamomile, Dill, Lavender, Marigolds, Rosemary, Sage, and Thyme deter pests.	Beans, Peas, Peppers, Potatoes, Spinach, Squash, Sweet Potatoes, Tomatoes,	Fennel, Geranium,	**Eggplant**	40°	75-85°	65-95°	100°	95-120	Indoor	1/4"	18-24"	7-12	24-48"
Garlic	Chamomile, Rue, Summer Savory, and Yarrow deter pests.	Broccoli, Cabbage, Cauliflower, Kale, Potato, Tomato	Asparagus, Beans, Berries, Carrots, Onions, Parsley, Peas, Sage	**Garlic**	-25°	65-85°	32-65°	95°	150-200	Direct	4"	6"		16-24"
Kale	Dill, Marigolds, Oregano, Rosemary, Thyme deter cabbage worms. Cilantro deters potato beetles, aphids and spider mites.	Artichoke, Beets, Carrots, Celery, Cucumber, Peas, Potatoes	Beans, Berries, Peppers, Squash, Tomatoes	**Kale**	28°	65-85°	40-80°	85°	90-100	Either	1/4"	12-20"	7-10	12-24"
Leeks	Carrots deter leek moth. Rosemary and Thyme improve flavor.	Beets, Carrots, Celery, Corn, Onions, Spinach	Beans, Broccoli, Cabbage, Cauliflower, Kale, Peas	**Leeks**	-25°	65-85°	32-65°	95°	120-150	Either	1/4"	6"	10-20	24-26"
Melon	Radishes deter vine borers and trap aphids. Nasturtiums trap aphids. Garlic, Marigolds and Onions deter aphids. Mint, Oregano, Tansy and Borage deter pets as well.	Beans (bush, not with onions or garlic), Corn, Peas, Okra, Spinach, Sunflowers	Cucumbers, Peppers, Potatoes, Squash, Tomatoes	**Melon**	40°	75-90°	60-85°	105°	100-130	Either	1/2"	24-36"	5-10	60"+
Okra	Calendula and Marigolds deter aphids, beetles and vine borers. Nasturtiums trap aphids. Tick clover deters army worms.	Broccoli, Cabbage, Cauliflower, Cucumbers, Kale, Peas	Eggplant, Peppers, Squash, Sweet Potatoes, Tomatoes	**Okra**	40°	85-95°	60-95°	105°	50-65	Either	1"	12-24"	5-10	60"+
Onion (& Chives)	Carrots and Peppers deter onion flies.	Beets, Berries, Broccoli, Cabbage, Carrots, Cauliflower, Kale, Tomatoes, Turnips	Asparagus, Beans, Peas, Sage, Garlic, Leeks	**Onion (& Chives)**	32°	65-85°	40-85°	95°	90+	Either	1/4"	6"	10-20	24-30"
Peas	Basil deters thrips. Nasturtiums trap aphids. Cilantro deters potato beetles, aphids and spider mites. Rosemary	Beans, Berries, Carrots, Corn, Cucumber, Eggplant, Lettuce, Peppers, Potatoes, Radish, Spinach, Tomato, Turnips	Garlic, Leeks, Onions, Potatoes	**Peas**	28°	75-85°	40-85°	85°	60-80	Direct	2"	3"	7-10	varies
Peppers	Basil improves flavor and deters thrips, aphids, spider mites, and flies. Geranium and Catnip deter Japanese beetles	Carrots, Cucumber, Peas, Squash, Tomatoes	Beans, Broccoli, Cabbage, Cauliflower, Kale	**Peppers**	40°	70-80°	60-80°	95°	60-150	Indoor	1/4"	12-24"	14-20	24-48"
Potato (Irish)	Alyssum as ground cover to attract beneficial insects and maintain soil moisture. Cilantro deters potato beetles, aphids and spider mites.	Corn, Broccoli, Cabbage, Cauliflower, Kale, Spinach Peas Corn,	Asparagus, Berries, Carrots, Cucumbers, Eggplant, Garlic, Onions, Radish, Squash, Tomatoes, Turnips	**Potato (Irish)**	28°	40-60°	40-70	95°	60-90	Direct	3"	12"	14-28	18-36"
Radish	Radish left to flower deters vine borers. Sage deters flea beetles.	Beans, Beets, Cucumbers, Eggplant, Melons, Peas, Peppers, Spinach, Squash, Tomatoes	Potatoes, Broccoli, Cabbage, Cauliflower, Kale	**Radish**	28°	65-85°	40-80°	85°	21-35	Direct	1/4"	2"	5-7	6-18"
Rhubarb	Garlic and Onions deter Rhubarb Weevils	Beans, Berries, Broccoli, Cabbage, Cauliflower, Kale	Corn, Sunflowers	**Rhubarb**	35°	65-70°	40-75°	75°	2 yrs	Either	1/2"	12"	7-15	24-36"
Spinach	Dill, Marigolds, Oregano, Rosemary, Thyme deter cabbage worms. Cilantro deters potato beetles, aphids and spider mites.	Asparagus, Beans, Berries, Broccoli, Cabbage, Cauliflower, Cucumber, Eggplant, Kale, Melons, Peas, Squash, Sweet Potatoes	Fennel, Potatoes (except sweet Potatoes)	**Spinach**	28°	65-85°	40-80°	85°	30-45	Direct	1/2"	6-8"	7-12	10-12"
Squash (& Pumpkins)	Radish deter vine borers, Nasturtiums deter cucumber beetle. Catnip, Tansy, Marigolds, and Mint deter squash bugs. Borage improves taste and growth.	Beans, Carrots, Corn, Lettuce, Melons, Peas, Sunflowers, Tomatoes	Broccoli, Cabbage, Cauliflower, Cucumbers, Kale, Potatoes, Onions, Sweet Potatoes, Turnips	**Squash (& Pumpkins)**	40°	85-95°	60-95°	105°	80-110	Either	1"	20-36"	7-12	varies
Sweet Potato	Basil repels hornworms. Borage, Dill, Garlic, Marigolds, Onion, Oregano, Summer Savory, and Thyme deter flies, aphids, and sweet potato weevils. Nasturtiums deter potato beetle.	Beans, Beets, Peas, Spinach, Turnips	Cucumbers, Melons, Squash, Sunflowers, Tomatoes	**Sweet Potato**	32°	65-85°	65-85°	105°	85-120	Either	3"	24"		60"+
Tomato	Asparagus repels nematodes harmful to tomatoes. Basil, Borage, and Marigolds deter hornworms. Nasturtium traps aphids. Garlic repels aphids and spider mites.	Beans (bush), Carrots, Onions, Peppers, Radish, Squash	Broccoli, Cabbage, Cauliflower, Corn, Cucumber, Dill, Eggplant, Kale, Sweet Potatoes	**Tomato**	40°	70-85°	55-90°	100°	90-140	Indoor	1/4"	24-36"	8-10	36-60"+
Turnip	Turnips repel aphids. Catnip deter flea beetles, and Thyme deter flies. Garlic deters aphids, beetles and cabbage worms.	Beans, Broccoli, Cabbage, Cauliflower, Garlic, Peas	Beets, Carrots, Onions, Potatoes	**Turnip**	28°	65-85°	40-80°	85°	40-55	Direct	1/4"	6-8"	5-10	12-18"