

Sunday, August 7, 2022

Garden Resources

Planning Tools

- Veggie Garden Planner app <https://apps.apple.com/us/app/veggie-garden-planner/id1329927332>
- Square foot gardening https://www.amazon.com/dp/0760362858/ref=cm_sw_em_r_mt_dp_R7471YJRBVRTSA93R3TA

What's Wrong With My Plant Diagnostic Tool:

- <https://apps.extension.umn.edu/garden/diagnose/plant/vegetable/>
- Quick guide to insects and diseases:
 - **Beans** <https://extension.umn.edu/plant-diseases/bean-insects-and-diseases>
 - **Broccoli, cabbage, or cauliflower** <https://extension.umn.edu/plant-diseases/insects-and-diseases-cole-crops>
 - **Cucumber, pumpkin, and squash** <https://extension.umn.edu/plant-diseases/insects-and-diseases-cucumber-pumpkin-and-squash>
 - **Onions** <https://extension.umn.edu/plant-diseases/insects-and-diseases-onions>
 - **Tomatoes** <https://extension.umn.edu/plant-diseases/insects-and-diseases-tomatoes>

Common Garden Pests

Plant effected	Pest	Picture of / Additional Info	Mitigation
Tomato	Horn worm	https://extension.umn.edu/yard-and-garden-insects/tomato-hornworms	Remove from plant and destroy by dropping in soapy water
Brassicas (cabbage, broccoli, cauliflower, Brussel sprouts), radish, turnips	Cabbage maggot	https://extension.umn.edu/yard-and-garden-insects/root-maggots	Row covers in May and June

Plant effected	Pest	Picture of / Additional Info	Mitigation
	Aphid	https://extension.umn.edu/yard-and-garden-insects/aphids	Neem oil
Strawberries, cucumbers, beans, peas, tomatoes, lettuce, marigolds	Spider mites	https://extension.umn.edu/yard-and-garden-insects/spider-mites	Regular watering
Pumpkin, squash, and zucchini	Squash bugs	https://extension.umn.edu/fruit-and-vegetable-insects/squash-bugs	Remove eggs and bugs
Pumpkin, squash, and zucchini	Squash vine borer	https://extension.umn.edu/yard-and-garden-insects/squash-vine-borers	BT (Bacillus thuringiensis) destroys insects intestines when ingested; organic and naturally occurring bacteria found in soil
Pumpkin, squash, and zucchini	Striped cucumber beetle		Remove eggs and bugs
Peppers, tomatoes, ground cherry, eggplant	Colorado Potato Beetles	https://extension.umn.edu/yard-and-garden-insects/colorado-potato-beetles	Neem oil Diatomaceous earth
Beans	Bean leaf beetle	https://extension.umn.edu/yard-and-garden-insects/bean-leaf-beetles	Neem oil Diatomaceous earth
Spinach, Swiss chard, tomato, cucumber	Leafminers	https://extension.umn.edu/yard-and-garden-insects/leafminers	
Strawberry, tomato	Slugs	https://extension.umn.edu/yard-and-garden-insects/slugs	Diatomaceous earth
Can be in soil/mulch	Jumping worms	https://extension.umn.edu/identify-invasive-species/jumping-worms	https://drive.google.com/file/d/1icAVHDoTvHxYxY3d-vtfkzb1CIWhS5i7/view

Soil amendments, fertilizers, and plant supplements

- Worm castings
- Neptune's Harvest Crab & Lobster shell (5.3.0) <https://www.neptunesharvest.com/cs-604.html>
- Neptune's Harvest Kelp Meal (1.0.2) <https://www.neptunesharvest.com/km-604.html>
- Trifecta+ (5.10.4) <https://miegardener.com/collections/fertilizer/products/trifecta>
- Fox Farm Grow Big Liquid Fertilizer (6.4.4) <https://foxfarm.com/product/grow-big-liquid-fertilizer>
- Fox Farm Tiger Bloom Liquid Fertilizer (2.8.4) <https://foxfarm.com/product/tiger-bloom-liquid-plant-food>
- Cal-Mag <https://a.co/d/8x3st9M>

Trap Crops (organic pest management)

- Radishes or mustard around cabbage
- Marigolds around tomatoes
- Nasturtium around cabbage or squash
- Onion and garlic around carrots
- Dill or marigolds around tomatoes
- Zinnias for Japanese beetles

Late Summer/Fall Succession Planting

Plant	Days To Maturity
Basil	30-60
Beets	50-60
Bush beans	45-65
Broccoli	50-70
Cabbage	50-90
Chard	50-70
Kale	55-65
Lettuce	40-60
Radishes	30
Spinach	35-45
Turnips	50-60

Companion Planting (beneficial neighbors and enemies)

[illegible]

(From Veggie Planning app)

Educational resources

- MIGardener YouTube channel
- Next Level Gardening You Tube channel
- Epic Gardening YouTube channel