



Growers Secret Professional application guidelines

Comments

Growers Secret Professional, apply when the fertilizer is available to the plant.

Can be mixed with any foliar fertilizer and applied together.

<http://warnell.forestry.uga.edu/service/library/for96-054/>

Grouping	Representative crops	Recommended rates per application				4 drops / gallon or 1 ounce / acre
Root / Tuber and Corm Vegetables (and leaves)	Beets, Carrot, Potato, Radish, Sweet Potato, Yam	Foliar 1 oz. / acre / every 3-4 weeks	Radish for greens 1 oz. / acre / week	Radish 1 oz. / acre / every two weeks	Transplant apply at 2nd set of leaves	
Bulb Vegetables (and leaves)	Chive, Garlic, Leek, Onion	Drip 1oz / acre / month	No foliar			Leek and leafy vegetables (Pennsylvania State University Department of Horticulture),
Leafy vegetables	Celery, Lettuce, Parsley, Rhubarb, Spinach	Foliar / 1oz / acre / app.	Whole head 1oz. / acre / 1-2 times / month	Harvesting for leaves in aquaponics / 1oz. / week	Celery / 1oz. / acre / 1-2 times / month	Can be used in drip as well Leek and leafy vegetables (Pennsylvania State University Department of Horticulture)
Brassica (Cole crops) Leafy Vegetables	Broccoli, Bok Choy, Cauliflower, Cabbage, Kohlrabi, Mustard greens	Foliar 1 oz. / acre / app. every 2 weeks				Increase in leaf size (Lettuce, leafy vegetables), increases in greenness of leaves (Bok Choy & Celery, Cabbage can be ready two weeks early)
Legume Vegetables (Succulent or Dried)	Beans, Peas	Foliar / 1oz. / acre / app.				If plants are displaying Iron (Fe) deficiency, adding GSP to foliar supplements help
Fruiting vegetables	Eggplant, Pepper (Bell and Hot), Tomato	Foliar 1oz. / acre / app.				Garbanzo beans, Seed treated with Grower's Secret Professional resulted in a 24% increase in yield (University of Idaho) seed treatment went from 758,168 pounds treated in 2011 to 4,687,132 pounds in 2013. Average yields range from 150-300 pounds per acre.
Cucurbit vegetables	Cantaloupe, Cucumber, Melons, Pumpkins, Squash	Foliar / 1oz. / acre / app.				



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Citrus Fruit**	Grapefruit, Lemon, Lime, Orange, Tangerine / Mandarin	Foliar / 1oz. / acre / app.	Apply at half rate if stressed	
Pome Fruit**	Apple, Pear	1oz. / acre **		
Stone Fruit**	Cherry (sweet and tart), Nectarine, Peach, Plum, Prune	1oz. per / acre **	Cherries apply again after harvest	
Berry and Small Fruit	Blackberry, Blueberry, Cranberry, Grape, Kiwi, Raspberry, Strawberry	Foliar 1oz. / acre / every 3-4 weeks	Use up to one month before harvest	
Tree Nut Group**	Almond, Chestnut, Hazelnut, Macadamia, Pecan, Pistachio, Walnut	1oz. per acre **		Can be used in drip
Cereal Grains, Rice	Corn, Oats, Rice, Sorghum, Triticale, Wheat	Foliar / 1oz. / acre / app.	Can be used in drip 1oz. / acre	Not for pivot spraying
Grass, Forage, Fodder and Hay crops	Alfalfa, Bermuda grass, Bluegrass, Brome grass, Clover, Timothy	Foliar 1oz. / acre / app.		
Herbs and Spices	Basil, Chives, Celery seed, Dill seed, Cilantro,	Foliar 1oz. / acre every 2-3 weeks		
Oil Seed Crops	Canola, Sunflower, Cottonseed, Flax seed, Safflower	DO NOT APPLY		
Tropical Fruit.**	Avocado**, Guava, Banana, Papaya	Foliar / 1oz. / acre / app.		
other	Artichokes	Transplants 5 min. to 1 hr. soak	Foliar 1oz. / acre / app.	

*Data is solely for guidance purposes. We encourage users to conduct their own soil and petiole testing best suited for their crop.

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**Trees, bark spray works the best. Can go with higher 8 drops/gallon for healthy trees. Stick to 2 drops/gallon for stressed trees.