

SPRINT® 138 AND SPRINT 330 APPLICATION RATES

PLANT	SPRINT® 138 RATE	SPRINT 330 RATE
Turf Bluegrass, St. Augustine, Bermudagrass, Bentgrass, Fescues, Ryegrass, Zoysiagrass, Centipede Grass <i>NOTE: Addition of 0.1 lb. of ammoniacal N / 1,000 ft² may enhance iron uptake in foliar applications.</i>	Foliar 2 oz. / 1,000 ft²	Foliar General turf: 2-4 oz. / 1,000 ft² in sufficient carrier to get uniform coverage. Golf greens: 1-4 oz. / 1,000 ft² in sufficient carrier to get uniform coverage. Allow at least 30 days between applications if higher rates are used. With growth regulators: 1-3 oz. / 1,000 ft² in sufficient carrier to get uniform coverage. Soil ¹ 1 lb. / 1,000 ft² alone or in combination with fertilizer in sufficient carrier to get uniform coverage.
Ground Cover Dichondra, Ivy, Pachysandra, etc.	<i>Sprint 330 recommended.</i>	Soil ¹ 1 lb. / 1,000 ft². Apply uniformly.
Roses, Flowering Shrubs Azalea, Honeysuckle, Crepe Myrtle, Spirea, Forsythia, Gardenia, and similar plants	Soil ¹ 2 oz. for small shrubs and 4 oz. for large shrubs. Apply directly beneath or around shrubs. Containers ¹ For containers, ¼ tsp. / 8-inch pot; ½ tsp. / 12-inch pot.	Foliar 1 lb. / 100 gal. of water (1 ½ tsp. / gal.) as thorough spray. Soil ¹ 2-4 oz. (6-12 Tbs.) / 100 ft² as a broadcast application For individual plants: 1 tsp. for plants to 2 ft. high; 2 tsp. for plants 2-3 ft. high; 3 tsp. for plants 4-8 ft. high. Treat under canopy. Containers ¹ ¼ tsp. / 8-inch pot; ½ tsp. / 12-inch pot. Greenhouse Inject through fertilizer system at 1:100 pump setting. Slurry Sprint 330 concentrate at 1 lb. / gal.
Ornamentals Aster, Canna, Geranium, Chrysanthemum, Daylily, Iris, Nasturtium, Petunias, Verbena and other similar annuals and perennials	Soil ¹ 20 oz. / 1,000 ft². Containers ¹ ¼ tsp. / 8-inch pot; ½ tsp. / 12-inch pot.	See "Flowers" for specific plant rates.
Flowers Carnations, Gladiolus, Chrysanthemum, Peonies, Petunias, Snapdragons, Zinnias and other herbaceous plants	Soil ¹ Gladiolus only: 80 oz. / 1,000 ft² row. Containers ¹ Gladiolus only: ¼ tsp. / 8-inch pot; ½ tsp. / 12-inch pot.	Foliar ½ lb. / 100 gal. water (¾ tsp. / gal.). Apply to runoff. Soil ¹ 1-2 oz. (3-6 Tbs.) / 100 ft² as a broadcast application. For individual plants: ½ tsp. / plant. Containers ¹ 1/8 tsp. / 8-inch pot; ¼ tsp. / 12-inch pot. Greenhouse Inject through fertilizer system at 1:100 pump setting. Slurry Sprint 330 concentrate at 4-8 oz. / gal. *At higher rates wash off excess Sprint from leaf surface on sensitive plants to avoid plant damage.
Evergreens, Leafy Shrubs Arborvitae, Boxwood, Holly, Euonymus, Juniper, Yew, Laurel, Privet, Spruce, Taxus, etc.	<i>Sprint 330 recommended.</i>	Foliar, Soil¹, Containers¹ Same as "Roses, Flowering Shrubs." Greenhouse Inject through fertilizer system at 1:100 pump setting. Slurry Sprint 330 concentrate at 1 lb./gal.
Shade Trees, Fruit Trees, Nuts Apple, Apricot, Maple, Ash, Plum, Elm, Camphor, Pear, Dogwood, Avocado, Prune, Russian Olive, Mimosa, Pin Oak, Peach, Pecan, Cherry, Sycamore, Magnolia, Walnut, Sandcherry, and other shade trees, fruit trees and nuts	<i>See rates for specific plants listed on the next page.</i>	Foliar 1 lb. / 100 gal. water (1 ½ tsp. / gal.). Apply to runoff. On bearing trees, apply prior to bloom or after harvest. Do not apply with crop oils. Soil ¹ 3-6 Tbs. / inch of trunk diameter at chest height. Apply uniformly under canopy. Containers ¹ ¼ tsp. / 8-inch pot; ½ tsp. / 12-inch pot.
Trees Sycamore, Chinese and American Elm, Shortleaf Pine, Arborvitae, Juniper, Ponderosa Pine, Dwarf Apple, Chinese Mimosa, Pin Oak, and similar	Soil ¹ Up to 2 oz. / tree for each inch of tree diameter at chest height. Apply in spring. Containers ¹ 1/4 tsp. / 8-inch pot. 1/2 tsp. / 12-inch pot.	For specific plant rates, see "Shade Trees, Fruit Trees, Nuts."

¹For best results, apply as drench. Water in well. Rinse leaf blades.

PLANT	SPRINT 138 RATE	SPRINT 330 RATE
Small Fruits Blackberries, Strawberries, Grapes, Boysenberries, Dewberries, Loganberries, Raspberries and Blueberries	Foliar ³ Grapes only: 1 ½ lbs. / 100 gal. water. Soil ² ½-1 lb. / 100 ft. of row.	Soil ² ½ to 1 lb. / 100 ft. of row. Apply early in spring when deficiencies occur. Containers ¹ ¼ tsp. / 8-inch pot or ½ tsp. / 12-inch pot. Greenhouse Inject through fertilizer system at 1:100 pump setting. Slurry Sprint 330 concentrate at 1 lb. / gal.
Citrus	Foliar ³ 1 lb. / 100 gal. water. Apply any time after harvest of main crop. Do not apply while main crop is on tree. Do not use with oils or miticides. Soil 1/3-½ lb. / tree in light soils. ½-1/per tree in heavy soils. Broadcast evenly with the drip line prior to winter flush of growth. For trees on annual maintenance program, ¼-1/3 lb. / tree.	Foliar ³ 1 lb. / 100 gal. water. Apply any time after harvest of main crop and until bloom of succeeding crop. Do not apply while main crop is on tree. Do not use with oils or miticides. Soil 1-2 lbs. / tree alone or with fertilizer. For trees on annual preventative program, apply ¼ lb. / tree. May be applied in irrigation water.
Almonds, Apples, Apricots, Cherries, Nectarines, Pecans, Plums, Prunes, Walnuts	Foliar ³ 1-1 ½ lbs. / 100 gal. water. Apply prior to bloom or after harvest. Do not use with oils.	For specific plant rates, see "Shade Trees, Fruit Trees, Nuts."
Apples, Apricots, Avocados, Cherries, Macadamia, Nectarines, Peaches, Pears, Plums, Prunes, Walnuts	Foliar ³ Peaches, pears only: 1-3 lbs. / 100 gal. Apply 4-6 weeks after full bloom. If deficiency is severe, apply 1-2 additional sprays at 2-3 week intervals. Do not use with oils. Soil ½-2 oz. / tree for each inch of trunk diameter measured at chest height. Do not apply more than 1 lb. / tree. Apply in spring.	For specific plant rates, see "Shade Trees, Fruit Trees, Nuts."
Peanuts, Beans, Corn, Mustard, Spinach	Soil ² Up to 2 oz. / 1,000 ft² (5 lbs. / acre).	Soil ² Corn, mustard, spinach only: Up to 3 ⅔ oz. / 1,000 ft² (10 lbs. / acre).
Cabbage, Cauliflower, Celery, Lettuce	Soil ² Up to 2 oz. / 1,000 ft² (5 lbs. / acre).	Soil ² 3 ⅔ oz. / 1,000 ft² (10-20 lbs. / acre).
Beans, Black-Eyed Peas	<i>Black-eyed peas same as "Carrots."</i>	Soil ² 3 ⅔-7 ⅓ oz. / 1,000 ft² (10-20 lbs. / acre).
Carrots, Cucumbers, Eggplants, Melons, Onions, Parsnips, Peas, Peppers, Potatoes, Radishes, Squash, Tomatoes and Turnips	Foliar ³ ½ oz. / 1,000 ft² (1 ½ lbs. / acre). Repeat in 2-3 weeks if necessary. Soil ² Up to 2 oz. / 1,000 ft² (5 lbs. / acre).	Foliar ³ ⅓ oz. / 1,000 ft² (1 lb. / acre). Repeat in 2-3 weeks if necessary. Soil Same as "Cabbage, Cauliflower, Celery, Lettuce."

¹For best results, apply as drench. Water in well. Rinse leaf blades. ²Apply as a band or sidedress application. ³Apply as thorough cover spray.

GREENHOUSE AND NURSERY SPECIALIZED APPLICATIONS

Parts per million (ppm) actual Fe	Drench Rate Guidelines				Irrigation Injection Rate Guidelines	
	For drenches, mix rate amount in 100 gal. (375 L) of water volume				Concentrate Stock Solution (gal.)	Injector Pump Setting
	Sprint 330 10% DTPA Chelated Iron		Sprint 138 6% EDDHA Chelated Iron (5.2% ortho-ortho)			
Rate (oz.)	Rate (g.)	Rate (oz.)	Rate (g.)			
15	2.0	56.70	3.3	93.56	1	1:100
20	2.7	76.55	4.5	127.58	1	1:100
30	4.0	113.40	6.7	189.95	1	1:100
40	5.4	153.09	9.0	255.15	1	1:100
60	8.0	226.80	13.4	379.89	1	1:100
80	10.8	306.18	18.0	510.30	1	1:100
100	13.5	382.73	22.5	637.88	1	1:100

For mild chlorosis: Drench plants with Sprint 330 or Sprint 138 beginning at 5 oz./100 gal. (141.75 g/375 L). For severe chlorosis: Drench plants with Sprint 330 or Sprint 138 at 5-8 oz./100 gal. (141.75-226.80 g/375 L). Repeat 14 days later, 5-8 oz./100 gal. (141.75-226.80 g/375 L). Conversion: 3 tsp. = 1 Tbs.; 1 oz. = 3 Tbs.