

Specimen Label

SPRINT 138

Five Pounds Net Weight

IRON CHELATE* MICRONUTRIENT

For correction of iron deficiency in alkaline and calcareous soils

For use in nurseries, gardens, landscape plantings, and turf

GUARANTEED ANALYSIS:

Iron (Fe) 6%

6% Chelated Iron

* Derived from: Technical sodium ferric ethylenediamine di-(o-hydroxyphenyl-acetate)

To dispense product, remove closure, peel away protective seal, replace closure and open pour spout.

CAUTION KEEP OUT OF REACH OF CHILDREN.

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of factors including, but not limited to weather conditions, presence of other materials, or the manner of use or application which are beyond the control of Becker Underwood, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Becker Underwood, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Becker Underwood, Inc. makes no express or implied warranty of Fitness For Particular Purpose or Merchantability or any other express or implied warranty, other than such warranties expressly provided here. In no case shall Becker Underwood, Inc. or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Becker Underwood, Inc. and the Seller offer this product, and the Buyer and user accept, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Becker Underwood, Inc.

Directions for Use

Sprint 138 is a source of iron in a form readily available to plants. It can be applied as a soil application or as a foliar spray to correct iron deficiencies. As a soil application, Sprint 138 is effective over a wide pH range, including soils where the pH is 7.0 and above. Rates of application will depend upon the severity of the deficiency, but should be kept within the recommended range for each plant type. Unless specified differently, best results will be obtained when applications are made early in the plant growth cycle.

Soil Application: To be effective as a soil application, Sprint 138 must get into the root zone. It can be incorporated in the root zone during application or it can be moved into the root zone by rainfall or irrigation.

Sprint 138 can be applied as a drench, injected directly into the soil or banded. For plants grown in rows, soil applications are most effective when made as a band placed in the soil at planting time, or as a sidedressing shortly after plants emerge or after transplanting. Sprint 138 can be applied alone or in combination with dry or liquid fertilizers. To obtain uniform distribution, it can be mixed with inert materials such as sand or dry soil and uniformly distributed over the soil surface around the plants. When applied to the soil around trees, apply within the drip line and slightly incorporate into the soil or water in. Sprint 138 can be used at any time, but application in the spring or around planting time is preferred because (1) spring rains will move it into the root zone, and (2) iron will be available during the early flush of growth. Injection into the irrigation water provides a good after-planting method of application.

Foliar Application: Applications in water should be made as thorough cover sprays following the directions given below. Addition of up to 0.5% wetting agent (1 pt./25 gals. spray) to the solution may help insure uniform distribution. Sprint 138 is compatible with most pesticides and fertilizers. However, because of the large number of pesticides registered for pest control and the large number of fertilizers, a small test area should be sprayed to determine that no phytotoxicity or undesirable effects result from the combination spray before applying to large plant areas. To facilitate mixing, it is suggested that the required amount of Sprint 138 be added to a small amount of water and mixed until completely dissolved. The pre-mix solution can then be added, using agitation, to the final water or liquid fertilizer solution.

Roses and Flowering Shrubs (Azaleas, Crepe Myrtle, Euonymous, Forsythia, Gardenia, Honeysuckle, Spirea, and similar plants)

For **soil applications**, apply 2-4 oz. (6-12 tbsp.) per 100 sq. ft. as a broadcast application and water in thoroughly. For individual plants, apply 6 tbsp. per plant for small shrubs and 12 tbsp. per plant for large shrubs.

For **plants in containers**, apply 1/4 tsp. per 8-inch pot, or 1/2 tsp. per 12-inch pot.

Tree Fruits and Nuts: Almonds, Apples, Apricots, Cherries, Nectarines, Pecans, Plums, Prunes, and Walnuts

Foliar Sprays: Mix 1-1 1/2 lbs. per 100 gallons of water and apply as a thorough cover spray prior to bloom or after harvest. To avoid possible injury to plants, do not use in combination with oils.

Apples, Apricots, Avocados, Cherries, Macadamias, Nectarines, Peaches, Pears, Plums, Prunes and Walnuts--Soil Applications: Apply 1/2-2 oz. per tree for each inch of trunk diameter measured at chest height but do not apply more than 1 lb. per tree. Apply in the spring, either prior to or at the time of new spring growth evenly within the drip line.

Peaches and Pears--Foliar Spray: Mix 1-3 lbs. per 100 gals. of water and apply as a thorough cover spray about 4-6 weeks after full bloom. If the deficiency is severe, apply 1-2 additional sprays at 2-3 week intervals. To avoid possible injury to plants, do not use in combination with oils.

Citrus--Foliar Spray: Mix 1 lb. per 100 gals. of water and apply as a thorough cover spray any time after harvest of the main crop and up until bloom of the succeeding main crop. Do not apply when the main crop is on the tree. To avoid possible injury to plants, do not use in combination with oils or miticides.

Soil Applications: For mature trees, apply 1/3-1/2 lb. per tree in light sandy soils and 1/2-1 lb. per tree

in heavy soils. Broadcast evenly within the drip line of the trees prior to the winter flush of growth. For an annual maintenance program, apply 1/4-1/3 lb. per tree.

Small Fruits (Blackberries, Blueberries, Boysenberries, Dewberries, Loganberries, Raspberries, Strawberries, etc.)--Soil Applications: Apply as a band or sidedress application at 1/2-1 lb. per 100 ft. of row in early in spring or when deficiency symptoms first appear.

Grapes--Foliar Application: Mix 1 1/2 lbs. per 100 gals. of water and apply as a thorough cover spray. Soil: Apply in band or sidedress at rate of 1/2-1 lb. per 100 ft. of row.

Ornamentals: Aster, Canna, Chrysanthemum, Daylily, Geranium, Iris, Nasturtium, Petunias, Verbena, and similar annuals and perennials--Soil Applications: Apply 20 oz. per 1,000 sq. ft. and water in well. For plants in containers, apply 1/4 tsp. per 8-inch pot or 1/2 tsp. per 12- inch pot.

Gladiolus--Soil Applications: Apply 80 oz. per 1,000 sq. ft. of row.

For plants in containers, apply 1/4 tsp. per 8-inch pot, or 1/2 tsp. per 12-inch pot.

Azalea, Crepe Myrtle, Euonymus, Forsythia, Gardenia, Honeysuckle, Rose, Spirea, and similar annuals and perennials--Soil Applications: Apply 2 oz. to small shrubs and 4 oz. to large shrubs. Apply Sprint 138 directly beneath or around the shrubs and water in well.

Manufactured by:

Becker Underwood, Inc.

801 Dayton Avenue

Ames, IA 50010

515-232-5907

Fax 515-232-5961

www.bucolor.com