BLOOM DEFENDER
MICRONUTRIENTS AND BIOSTIMULANTS

GUARANTEED ANALYSIS
Calcium (Ca)................................................. 4.00%
Magnesium (Mg) .................................. 1.00%
Boron (B)................................................. 0.73%
Molybdenum (Mo) .................................. 0.02%
 Derived from: Calcium citrate, boric acid, magnesium citrate, sodium molybdate, oligosaccharides and ecklonia maxima seaweed.

NON PLANT FOOD INGREDIENTS
Humic Acid..................................................0.50%
Fulvic Acid..............................................0.20%
Salicylic Acid...........................................0.25%
 Derived from: processed leonardite and salicylic acid.

KEEP OUT OF REACH OF CHILDREN
CAUTION

PRODUCT INFORMATION
BLOOM DEFENDER is a dual chelated liquid micronutrient and biostimulant formulation specifically designed to elicit a plants natural developmental processes and defenses and overcome environmental stresses. Formulated to provide maximum nutrient stability and absorption to prevent and/or cure micronutrient deficiencies and maximize plant health and production. Comprised of a distinctive blend of six biologically active organic and inorganic components: humic and fulvic acids, seaweed extracts, salicylic acid, oligosaccharides and micronutrients; BLOOM DEFENDER offers the key elements required to improve plant vigor. This synergistic formulation provides the most comprehensive biostimulant package blended with micronutrients to provide optimum growth, fruit production and quality available. The addition of 3 to 5 pounds of urea or potassium nitrate per 100 gallons of water aids in leaf assimilation. Caution: Always check compatibility with other products prior to use by conducting a jar test.

APPLICATIONS
FRUITING AND LEAFY VEGETABLES, COLE CROPS: Apply 1-2 quarts per acre 2 days after transplant and repeat every 14 days as necessary to increase production and quality.
FRUIT, NUT AND VINE CROPS: Apply 3-4 quarts per acre per application in sufficient water for coverage. Repeat applications as needed 2-3 times in accordance to crop requirements.
CITRUS: Apply 3-4 quarts per acre per application in sufficient water for coverage. Repeat applications as needed 2-3 times in accordance to crop requirements.
CITRUS YOUNG TREES: Apply 2 quarts in 100 gallons of water and spray for thorough coverage. Repeat applications on a regular basis to maximize growth.

WARM AND COOL SEASON TURF: Apply 3-6 ounces per 1000 sq. feet as needed for maintenance. For deficiencies apply 8-12 oz per 1000 sq. feet. Applications can be made every 7-15 days as needed.

ORNAMENTAL, NURSERY, AND GREENHOUSE: Apply 1-2 quarts per 100 gallons of water every 30 days as needed.

DIRECTIONS FOR USE
1. Do not mix with foliar or ground applied liquid fertilizers containing polyphosphates.
2. Aerial Application: Apply recommended rate in adequate water to ensure proper mixing and coverage. The addition of a non-ionic surfactant will improve coverage.
3. Maximum of 4 gallons per acre in a crop season.

STORAGE AND DISPOSAL
STORAGE: Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. Store at ambient temperatures.
DISPOSAL: Do not reuse container. Triple rinse (or equivalent), adding rinse water to the spray tank, then offer for recycling at an ACRC site or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food or feed by storage or disposal.
HANDLING: Avoid breathing fertilizer mists. Avoid prolonged or repeated to skin, eyes, and mucous membrane contact. Wash hands thoroughly after handling this product.

FIRST AID
IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact Lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or physician for treatment advice.
IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or physician. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING: Remove contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or physician for treatment advice.
IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or physician for further treatment advice.

WARRANTY
Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with direction under normal conditions of use. Neither this warranty nor any other warranty of merchantability or of a particular product expressed or implied, extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller; and buyer assumes the risk of any such use.

Manufactured by:
2300 SW Poma Drive
Palm City, FL 34990