



# MetaGrow™ BloomESSENTIALS

## 4-0.5-0.5 Plus Calcium, Sulfur, Boron, Copper, Iron, Manganese, and Zinc

### Guaranteed Analysis:

Total Nitrogen (N) .....	4%
3% Water Soluble Nitrogen	
1% Water Insoluble Nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) .....	0.5%
Soluble Potash (K <sub>2</sub> O) .....	0.5%
Calcium (Ca) .....	3%
Sulfur (S) .....	3%
Boron (B) .....	0.1%
Copper (Cu) .....	1%
Iron (Fe) .....	0.5%
Manganese (Mn) .....	0.5%
Zinc (Zn) .....	0.7%

**Derived From:** Soy Protein Hydrolysate, Crustacean Shell Meal, Boric Acid, Copper Sulfate, Iron Sulfate, Manganese Sulfate and Zinc Sulfate

**ALSO CONTAINS NONPLANT FOOD INGREDIENTS:** 3.5% Humic Acid from leonardite

**Product Purpose:** Fertilizer to promote plant growth and microbe food

**CHECK COMPATIBILITY BEFORE MIXING WITH OTHER FERTILIZERS. TANK MIX WITH BIOLOGICALS LESS THAN 4 HOURS BEFORE USE. STORE OUT OF DIRECT SUN.**

**Directions for use:** MetaGrow™ BloomESSENTIALS is a wettable powder fertilizer to be used before and during plant bloom growth phase. For permanent crops, MetaGrow BloomESSENTIALS can also be applied post-harvest so plants have the opportunity to accumulate these nutrients prior to potential use for bloom the following spring. MetaGrow BloomESSENTIALS can be applied through most irrigation systems or as a foliar spray. MetaGrow BloomESSENTIALS will pass a 100 mesh filter (149 micron) so check for application method compatibility. Use rates will vary from 1-5 lbs/acre (2lb/acre is sufficient in most cases unless there are specific deficiencies). Soil apply via irrigation 1month to 2 weeks prior to bloom and for permanent crops, post harvest prior to dormancy. If there are specific deficiencies, also Foliar apply 1-3lbs/acre (2lbs/acre is sufficient in most cases unless severe deficiencies are being addressed) starting at bud swell or 2 weeks before bloom and every 7-14 days through pedal fall. To prevent excessive foaming during tank mixing, fill tank 1/2 full before adding MetaGrow BloomESSENTIALS and avoid splashing of water during filling. It is OK to apply MetaGrow BloomESSENTIALS with stable microbe products, but always jar test/microscope verify first.

**This product meets the Program Standards as set forth by the United States Department of Agriculture National Organic Program (NOP) 7 CFR part 205**

**CAUTION: ONLY FOR USE ON CROPS OR GROWING CONDITIONS NOT SENSITIVE TO BORON AND THE USE ON CROPS OR CONDITIONS SENSITIVE TO BORON MAY RESULT IN SERIOUS INJURY TO THE CROP(S).**

**CAUTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND RESPIRATORY IRRITATION. MAY CAUSE INTESTINAL DISTRESS IF SWALLOWED.** Avoid breathing dust, spray or mist. Avoid contact with eyes. Keep container closed when not in use. **FIRST AID:** If swallowed, call a physician immediately. Do not induce vomiting unless directed by medical personnel. If in eyes, rinse with water for at least 15 minutes. Remove contact lens after first 5 minutes. If inhaled, move person to fresh air. If on skin, wash thoroughly. If irritation persists for any exposure, call a physician. **KEEP OUT OF REACH OF CHILDREN.**

**LIMITED WARRANTY:** Sustainable Growing Solutions, LLC makes no implied or express warranties other than that the Product is consistent with the label's derivation statement and Guaranteed Analysis and is reasonably fit for the purpose set forth on the label when used with appropriate application rates for the soil and seasonal conditions where applied. Because a purchaser's handling, rate, time, and place of application are not within the control of Sustainable Growing Solutions, LLC, our liability to purchasers of this product is LIMITED to replacement of any Product not conforming to this Limited Warranty.

Information regarding the contents and levels of metals in this product is available on the internet at [www.aapfco.org/metals.html](http://www.aapfco.org/metals.html)

**Guaranteed by:** Sustainable Growing Solutions, LLC, 35410 Jefferson Blvd. Clarksburg, CA 95612

Net Contents: 25lbs (11.34 kg)



Batch Number: 0121W