



# BIO-PREMIUM™ 9-4.5-4.5 + TE

## ORGANIC SOLUBLE FERTILIZER

**ORGANIC**  
**F1898**

### Guaranteed Analysis

Total Nitrogen (N).....9.0%  
9.0% Water Soluble Nitrogen (N)

Available Phosphate (P<sub>2</sub>O<sub>5</sub>).....4.5%

Soluble Potash (K<sub>2</sub>O).....4.5%

Boron (B).....0.05%

Copper (Cu).....0.1%

Iron (Fe).....0.1%

Manganese (Mn).....0.1%

Zinc (Zn).....0.1%

**Derived From:** Soy Protein Hydrolysate, Seaweed Extract (*Ascophyllum nodosum*) and Potassium Hydroxide, Corn Steep Liquor, Boric Acid, Copper Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate.

### General Information

**BIO-PREMIUM 9-4.5-4.5+TE** is a Water-Soluble Organic NPK-plus-micronutrient fertilizer that can be applied both as a foliar application or in the soil. **BIO-PREMIUM 9-4.5-4.5+TE** should be used as a supplement to the regular fertilization plan in all crops to prevent and correct deficiencies. Best performance may be obtained during plant growth stages. For foliar applications, it is advised to apply the product early in the morning or late in the evening to avoid high temperatures, which may cause crop injury.

**FOLIAR APPLICATION:** Apply **BIO-PREMIUM 9-4.5-4.5+TE** in sufficient water for thorough coverage. For best results, apply this product in early morning or in late evening. Multiple foliar applications at low rates during the growing season may be the most effective. Use a minimum of 30 gallons of water per acre for low dosage, then progressively increase to 100 gallons of water per acre for maximum dosage.

**AERIAL APPLICATION:** Apply **5 lbs. / acre**.

**SOIL APPLICATION:** **BIO-PREMIUM 9-4.5-4.5+TE** should be applied in the root zone through irrigation or side dressing and can be easily mixed with most chemicals and fertilizers without reacting with other materials. **BIO-PREMIUM 9-4.5-4.5+TE** will perform best when product is allowed to come into direct contact with the plant's roots.

**MIXING INSTRUCTIONS:** Add water to tank before **BIO-PREMIUM 9-4.5-4.5+TE**. Agitate thoroughly while adding remaining water. If used in combination with pesticides, add them last. Alternatively, start from an empty tank and add **BIO-PREMIUM 9-4.5-4.5+TE** into the strainer on top and run water through the product, dissolving it while filling the tank. Always perform a compatibility jar test. Do not use additional surfactants without first checking with your agricultural consultant. Do not use when plants are under severe stress conditions, such as water and heat stress. **BIO-PREMIUM 9-4.5-4.5+TE** should not be used at a concentration greater than 2 lbs. per gallon of water, unless recommended for a specific situation by your agricultural consultant and after applying a small area to determine any phytotoxicity effect. Use only according to the label instructions.

**CLEANING OF SPRAYER:** Flush with clean water all parts of the sprayer, including pump, hoses and nozzles several times prior to and after the use of the product.

Crop	Every 2-3 Weeks FOLIAR Application Rate:	Every 2-3 Weeks SOIL Application Rate:
Vegetables & Fruits	3 to 10 lbs. / acre	10 to 15 lbs. / acre
Tree Crops, Vine & Citrus	5 to 15 lbs. / acre	10 to 15 lbs. / acre
Berries	3 to 10 lbs. / acre	10 to 15 lbs. / acre
Field Crops	3 to 10 lbs. / acre	10 to 15 lbs. / acre
Lawn and Turf Every 2-3 weeks	Apply 2 to 4 oz / 1000 sq ft	
Ornamentals, Shrubs & Flowers	Apply 0.5 to 3 oz per shrub or tree	Apply 1 to 2 oz per shrub or tree

**WARNING:** This product is **FOR PROFESSIONAL USE ONLY!**

**WARNING:** This product contains Boron (B), and the use of the fertilizing material in any crops other than those recommended may result in serious injury to the crop.

**CAUTION:** PLEASE KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed. Avoid breathing in spray mist. May cause irritation of nose, throat or skin. Avoid contact with eyes, skin and clothing. In case of contact with skin or eyes, flush with plenty of water.

**CAUTION:** Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn and garden, and sweep any product that lands on the driveway, sidewalk, or street back onto your lawn/garden.

**Condition of Sales 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 AgroPlantae, Inc. or the Seller. All such risks shall be assumed by the Buyer. AgroPlantae, 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. AgroPlantae, 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 AgroPlantae, Inc. or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. AgroPlantae, 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 AgroPlantae, Inc.



**WARNING:**  
Causes skin and eye irritation



**WARNING:**  
Cancer and Reproductive Harm  
[www.P65WARNING.ca.gov](http://www.P65WARNING.ca.gov)

**Precautionary Statements:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing and eye/face protection. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. **First Aid:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention. If swallowed: Rinse mouth. Call a doctor if you feel unwell. If on skin: Wash with plenty of water. Take off contaminated clothing and wash before use. If exposed or concerned, get medical attention. **Storage and Disposal:** Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children. Store locked up. Dispose of contents/container in accordance with local regulations.

Guaranteed by:

**AgroPlantae® Inc.**

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Fresno, CA 93725  
[info@agroplantae.com](mailto:info@agroplantae.com)  
**Made In USA**

Net Weight: 25 lbs. (11.3 kg)

M0723

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



**AgroPlantae® Inc.**