

# RootSTEM-H™

1.6-1-0 EDDHA-CHELATED COBALT, COPPER, IRON, MANGANESE, ZINC

F1898

Guaranteed Analysis		General Information															
<p><b>Total Nitrogen (N)</b>.....1.6% 1.6% Water Soluble Nitrogen (N)</p> <p><b>Available Phosphoric Acid (P<sub>2</sub>O<sub>5</sub>)</b>.....1.0%</p> <p><b>Cobalt (Co)</b>.....0.04% 0.04% Chelated Cobalt (Co)</p> <p><b>Copper (Cu)</b>.....0.1% 0.1% Chelated Copper (Cu)</p> <p><b>Iron (Fe)</b>.....1.5% 1.5% Chelated Iron (Fe)</p> <p><b>Manganese (Mn)</b>.....1.0% 1.0% Chelated Manganese (Mn)</p> <p><b>Zinc (Zn)</b>.....0.5% 0.5% Chelated Zinc (Zn)</p> <p><b>Derived From:</b> Phosphoric Acid, Cobalt EDDHA, Copper EDDHA, Iron EDDHA, Manganese ED-DHA, Zinc EDDHA.</p>		<p><b>RootSTEM-H</b> is a source of EDDHA-chelated Cobalt, Copper, Iron, Manganese and Zinc readily available to the plant in Alkaline, Acidic and Calcareous soils. <b>RootSTEM-H</b> is most effective when applied during vegetative plant growth.</p>															
		<p><b>SOIL-APPLIED:</b> <b>RootSTEM-H</b> can be applied to the root zone through drip irrigation, micro-sprinkler or side-dressing, and can easily be mixed with other chemicals or fertilizers without reacting with other materials. If using <b>RootSTEM-H</b> with liquid fertilizers, use the recommended rate (see right) of <b>RootSTEM-H</b> and add to the liquid fertilizer solution. When used with dry fertilizers, spray <b>2 to 10 qt / acre</b> of <b>RootSTEM-H</b> to assure reaching root depth.</p> <p><b>Side Dress:</b> Use <b>2 to 10 qt / acre</b>.</p> <p><b>FOLIAR-APPLIED:</b> Apply <b>1 to 6 pt / acre</b> for all crops. When <b>RootSTEM-H</b> is used for foliar applications, whether by aerial or ground application, apply with enough water to thoroughly cover all foliage. Early morning or late evening applications generally give the best results. The use of surfactants / adjuvants is not recommended when using the highest dose. Do not exceed a product concentration of 2% V/V maximum. <b>DO NOT APPLY MAX DOSE TO WATER-STRESSED CROPS.</b></p> <p><b>MIXING INSTRUCTIONS:</b> <b>RootSTEM-H</b> is compatible with most liquid fertilizers and chemicals. Always perform a jar test for compatibility prior to mixing. Use only according to the label instructions.</p>	<table border="1"> <thead> <tr> <th>Crop</th> <th>Suggested SOIL Rates Every 2-3 Weeks</th> </tr> </thead> <tbody> <tr> <td>Vegetables &amp; Fruits</td> <td>Apply 2 to 10 qt / acre</td> </tr> <tr> <td>Tree Crops, Vine &amp; Citrus</td> <td>Apply 2 to 10 qt / acre</td> </tr> <tr> <td>Berries</td> <td>Apply 2 to 10 qt / acre</td> </tr> <tr> <td>Field Crops</td> <td>Apply 1.5 to 8 qt / acre</td> </tr> <tr> <td>Lawn and Turf</td> <td>5 to 10 oz / 1000 sq ft</td> </tr> <tr> <td>Ornamentals, Shrubs &amp; Flowers</td> <td>5 to 10 oz per shrub or tree</td> </tr> </tbody> </table>	Crop	Suggested SOIL Rates Every 2-3 Weeks	Vegetables & Fruits	Apply 2 to 10 qt / acre	Tree Crops, Vine & Citrus	Apply 2 to 10 qt / acre	Berries	Apply 2 to 10 qt / acre	Field Crops	Apply 1.5 to 8 qt / acre	Lawn and Turf	5 to 10 oz / 1000 sq ft	Ornamentals, Shrubs & Flowers	5 to 10 oz per shrub or tree
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**WARNING:** This product is **FOR PROFESSIONAL USE ONLY!**

**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.

**NOTICE:** Do not store this product at temperature below 45 degrees Fahrenheit. Do not expose to temperatures below 32 degrees Fahrenheit.

**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

**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.**

2976 S Peach Ave  
Fresno, CA 93725  
info@agroplantae.com  
Made In USA

Net Contents: **275 Gal (1,039.5 Liters)**  
Net Weight: **2,832.5 lbs. (1,284.8 Kg)**  
Weight per Gal @ 68° F: **10.3 lbs. (4.7 Kg)**

E2323

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.**