

## TECHNICAL DATA SHEET

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Exclusive use: United States of America

**CopperKelp® seaweed with micronutrient** is a marine algae extract developed from green chemistry. The synergistic properties of the components present in the extract allow copper nanoparticles to be easily assimilated by plants as micronutrients. Its main function is to promote plant growth, invigorate and reduce stress. **CopperKelp® seaweed with micronutrient** helps to improve the performance of crops. It can be used foliar and by irrigation system.

### 1. GENERAL CHARACTERISTICS / GUARANTEED ANALYSIS

#### Organic fertilizer

GUARANTEED ANALYSIS	
Total Nitrogen (N) _____	0.1200 %
0.0200 % Ammoniacal Nitrogen	
0.0100 % Nitrate Nitrogen	
0.0200 % Other Water Soluble Nitrogen	
0.0700 % Water Insoluble Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) _____	0.1500 %
Soluble Potash (K <sub>2</sub> O) _____	1.8000 %
Copper (Cu) _____	0.1850 %

Derived from seaweed extract (*Macrocystis pyrifera* and *Gelidium robustum*), potassium hydroxide (as an extractant) and copper sulfate.

Active ingredient	% W/W
Seaweeds' extract ( <i>Macrocystis pyrifera</i> and <i>Gelidium robustum</i> ) .....	97.00 %
Auxiliary ingredients for stabilization .....	3.00 %
<b>TOTAL</b> .....	<b>100 %</b>

- Appearance: liquid
- Color: dark olive green
- Odor: characteristic of seaweed
- Solubility: 100% water soluble
- Density: 1.032 g/cm<sup>3</sup>
- pH: 6 ± 0.5

### 2. RECOMMENDED USES AND SAFE HANDLING

The recommended doses in this document are based on our experience and on the general needs of the crop. It is suggested that a specific application schedule be drawn up with the support of specialized technical staff.

Shake well the container before opening the product and pour it in water according to the recommended quantities. Before applying, mix until obtaining a homogeneous solution. It is suggested to carry out tests prior to the mixture and/or the application of the product in the field.

CROPS	DOSE	APPLICATION
<b>Vegetables:</b> Bell pepper, tomato, cucumber, grand cherry tomato, eggplant, pepper, squash, pumpkin, zucchini.	0.25 – 3 gal/acre	Foliar and soil 7 – 10 days
<b>Leafy vegetables:</b> Head and leaf lettuce, spinach, celery.		
<b>Stone fruit:</b> Nectarine, apricot, peach, plum, almond, cherry, grape.		
<b>Citrus:</b> Orange, lemon, tangerine.		
<b>Berries:</b> Strawberry, caneberry, blueberry, raspberry.		
<b>Cole crops:</b> Broccoli, cauliflower, brussel sprout.		
<b>Pome fruit:</b> Apple, pear.		
<b>Roots and tubers:</b> Potato, garlic, onion, shallot, carrot.		
<b>Subtropical:</b> Avocado, guava, kiwi.		

### 3. PACKAGING

Plastic containers with the following volume: 5, 50 and 250 gallons.

### 4. EXPIRATION DATE AND STORAGE

The product has a shelf life of two years. Once the container is opened, the product must be used. Keep the container hermetically sealed in a fresh, dry, well-ventilated place. Keep away from direct sunlight. Do not store alongside food products. Keep out of reach of children.

### 5. ADDITIONAL INFORMATION

ALGAS Y EXTRACTOS DEL PACÍFICO NORTE AEP S.A. de C.V. guarantees the composition and net content of the product as long as the security seals of the containers have not been tampered with or broken. Since storage, transportation, handling, application, and dosage of the product are beyond our control, no liability is accepted for the effects and/or results.