



CROP-GARD®

Optimal Growth Manager

Guaranteed Analysis 1-7-1

Total Nitrogen (N).....	1.00%
1.00% Urea Nitrogen	
Available Phosphate (P ₂ O ₅).....	7.00%
Soluble Potash (K ₂ O).....	1.00%
Sulfur (S).....	2.00%
Copper (Cu).....	0.20%
Manganese (Mn).....	0.50%
Zinc (Zn).....	2.00%

Derived From:

Urea, Phosphoric Acid, Potassium Carbonate, Copper Sulfate, Manganese Sulfate, Zinc Sulfate

Also Contains Non-Plant Food Ingredient:

3.0% Organic Matter (derived from leonardite)

Physical Properties:

Form: Liquid

Appearance: Clear to hazy, bluish green, having a unique characteristic odor.

Weight: 10.44 lb/gal, 1.20 kg/L

pH: 1.6–2.6

Caution:

Keep out of reach of children.

Harmful if swallowed.

Exposure to this product's mists or liquid can cause severe irritation or burns to the eyes and may cause severe irritation, or possibly burns to the skin and respiratory tract, on prolonged exposure.

Storage and Disposal:

Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Do not store this product below 50°F (10°C) or above 90°F (30°C).

Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller.

The Foliar Solution for Strong, Healthy Plants

Huma Gro® CROP-GARD® carbon-complexed with Micro Carbon Technology® provides nutrients and refined plant oils for natural plant vigor. CROP-GARD® also achieves balanced plant nutrition for better plant color, growth, development, and production.

Benefits of Use:

- Enhances natural plant ability to tolerate environmental stresses through improved nutritional balance
- Will tank mix with sulfur-copper fungicidal sprays and most chemical fungicide formulations
- Provides essential plant nutrients
- Can be used to carry any combination of Huma Gro® nutrients
- Minimizes leaf burn or phytotoxicity associated with foliar nutrient sprays
- Usually eliminates the need for wetting agents or sticker spreaders

Deficiency Symptoms—When to Apply:

- Yellowing of leaves
- Plants weakened due to stress/disease
- Poor plant vigor

Application Instructions:

Contents are highly concentrated and must be diluted with water in a ratio of at least 20 parts water to 1 part product prior to foliar application. See table below for specific rate instructions. Consult your local Huma Gro® representative or other agricultural specialist for crop-specific recommendations. SHAKE WELL BEFORE USING.

METHOD OF APPLICATION	SUGGESTED RATE	
	Field Crops/ Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 1 quart/acre, 2.5 liters/hectare	—
Foliar broadcast or sprinklers: solid, set, pivot, linear (100% speed)	Up to 2 quarts/acre, 5 liters/hectare	Up to 1 gallon/acre, 10 liters/hectare
Soil banded or injected, through drip tape or micro sprinklers	Up to 2 quarts/acre, 5 liters/hectare	Up to 1 gallon/acre, 10 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 1 gallon/acre, 10 liters/hectare	Up to 2 gallons/acre, 20 liters/hectare



Powered by
**MICRO CARBON
TECHNOLOGY**

**This Product Contains Micro Carbon Technology®, a proprietary blend of very small organic molecules that allows for more effective absorption of nutrients by plants.*