

# 38 Special<sup>®</sup>



## Guaranteed Analysis 4-14-12

Total Nitrogen (N) .....	4.0%
4.0% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	14.0%
Soluble Potash (K <sub>2</sub> O) .....	12.0%
Sulfur (S).....	8.0%
8.00% Combined Sulfur (S)	

### Derived From:

Ammonium Polyphosphate, Potassium Thiosulfate.

### Physical Properties:

Form: Liquid

Appearance: Clear to slightly hazy brown, having a unique characteristic odor.

Weight: 11.85 lbs/gallon, 1.42 kg/L

pH: 6.5–7.5

### Caution:

Keep out of reach of children.

The liquid and mists can cause eye irritation and may cause slight to moderate skin irritation.

Ingestion may cause irritation to the entire gastrointestinal tract with possible nervous system effects.

### Storage and Disposal:

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

### 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, plant and soil conditions, and other factors are beyond the control of the seller.

For more info on  
this product:



## The Solution for Balanced Nutrition in Plants

Huma<sup>®</sup> 38 Special<sup>®</sup>, carbon-complexed with Micro Carbon Technology<sup>®</sup>, is designed for a wide range of uses and can be applied to promote germination, fruiting, and crop vigor. Great as a starter mix.

### Benefits of Use:

- Stimulates root growth in seedlings and transplants
- Improves plant vigor
- Increases phosphorus levels that promote flowering and fruit set
- Organically complexed and salt-buffered to reduce leaf burn and phytotoxicity
- Foliar nutrients are “leaf friendly” to ensure maximum uptake and translocation

### Deficiency Symptoms—When to Apply:

- Plant stress caused by nutrient deficiencies, insects, disease, weather, or chemical/mechanical damage
- Leaf burn or phytotoxicity from foliar applications
- Seedling diseases

### Application Instructions:

SHAKE WELL BEFORE USING. Designed for soil and/or foliar application. Can be applied in combination with compatible plant growth regulators, pesticides, or other liquid fertilizers. If compatibility is in question, jar test a small quantity. Do not foliarly apply this product in concentrations greater than 10% without a preliminary foliar test.

METHOD OF APPLICATION	SUGGESTED RATE		
	Field Crops, Sod, and Specialty Crops	Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 2 quarts/acre, 5 liters/hectare	Up to 3 oz/1000 ft <sup>2</sup> , 105 mL/100 m <sup>2</sup>	—
Foliar broadcast or sprinklers: solid, set, linear, or pivot (100% speed)	Up to 1 gallon/acre, 10 liters/hectare	Up to 6 oz/1000 ft <sup>2</sup> , 210 mL/100 m <sup>2</sup>	Up to 2 gallons/acre, 20 liters/hectare
Soil banded or injected through drip tape or micro sprinklers.	Up to 2 gallons/acre, 20 liters/hectare	Up to 9 oz/1000 ft <sup>2</sup> , 315 mL/100 m <sup>2</sup>	Up to 3 gallons/acre, 30 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 3 gallons/acre, 30 liters/hectare	Up to 12 oz/1000 ft <sup>2</sup> , 420 mL/100 m <sup>2</sup>	Up to 4 gallons/acre, 40 liters/hectare



This product contains Micro Carbon Technology<sup>®</sup> (MCT), a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by plants.