



# HUMA BURST® K HUME®

Carbon-Rich Organic Acid

## Guaranteed Analysis

Potassium (K<sub>2</sub>O) ..... 3%  
 Total Humic Acid (HA) and  
 Fulvic Acid (FA) ..... 60%–70%\*

\*Determined using V&B (Verploegh and Brandvoid) Method

### Derived From:

Oxidized leonardite and potassium hydroxide

### Physical Properties:

Form: Solid

Appearance: Dark reddish brown to black particles and dust having no odor.



### Caution:

Keep out of reach of children. Ingestion of this product may cause gastrointestinal irritation or pain.

### Storage and Disposal:

Keep product in original bag. Do not transfer into food or drink containers. Always dispose of bag 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, crop conditions, and other factors are beyond the control of the seller.



## The Humic and Fulvic Acid Solution for Soil Fertility

Huma Gro® HUMA BURST® natural humic and fulvic acid products are processed from naturally occurring, oxidized lignite. These products are milled to specific granular sizes for different agricultural uses and applications. They provide a concentrated source of humic and fulvic acids and are a supplemental source of trace elements. Humic and fulvic acids add organic matter to soils—which stimulates soil microbial life and soil fertility, enhances plant nutrient availability and uptake, improves root development and root mass and growth, and increases crop quality and yield.

Huma Gro® HUMA BURST® K HUME® is a 60%–70% humic and fulvic acid activated with a potassium coating that becomes an excellent soil conditioner. Improved solubility (76% soluble) speeds activity in the soil for enhanced microbial uptake and growth. The product is coated and screened to various particle sizes (the standard size is 1–3 mm, custom sizes are available). HUMA BURST® K HUME® also contains many supplemental natural minerals in trace amounts.

### Benefits of Use:

- Uniform granular size promotes even coverage/distribution of humic/fulvic acid for short-term carbon benefit
- With the potassium coating, becomes a short-term soil organic-matter builder
- Increased water penetration
- Increased flocculation of clays
- Promotes conversion of fertilizer into plant-available food
- Increases soil nutrient mineralization
- Short-term soil microbial activation

### Deficiency Symptoms—When to Apply:

- Low organic matter
- Low fertility soil
- Continuous use, tired soils

### Application Instructions:

- Best results will be obtained when application is concentrated in the active root zone or when applied directly to the soil followed by shallow cultivation.
- Soil moisture is required for maximum bioactivity. If soil is dry, moisture should be provided by irrigation.
- Can be applied in combination with compatible plant growth regulators, pesticides, or other granular fertilizers, except urea, using airplane or ground machines.
- Applications can be made as often as every 15 to 30 days, as needed.
- Consult your local Huma Gro® representative or other agricultural specialist for crop-specific recommendations. See table below for specific rate instructions.

METHOD OF APPLICATION	SUGGESTED RATE	
	Field Crops	Tree or Vine Crops
Soil banded or side dressed	Up to 75 lb/ac, 75 kg/ha	Up to 150 lb/ac, 150 kg/ha
Soil broadcast incorporated	Up to 150 lb/ac, 150 kg/ha	Up to 300 lb/ac, 300 kg/ha

