



# HUMA BURST® PULVERIZED

Carbon-Rich Organic Acid

## Guaranteed Analysis

Total Humic Acid (HA) and Fulvic Acid (FA) ..... 60%–70%\*

\*Determined using the Colorimetric Method

### Other Methods:

Total HA ..... 35%–40%<sup>†</sup>

<sup>†</sup>Analysis using CDFA Method

Total HA ..... 40%–45%<sup>‡</sup>

<sup>‡</sup>Analysis using HPTA or ISO 19822 Method

### Derived From:

Oxidized leonardite

### Physical Properties:

Form: Powder

Appearance: Dark reddish brown to black powder 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 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® PULVERIZED is pulverized to a powder (85% of particles are less than 50 mesh) and can be used for extraction for liquid humic or fulvic acid by chemical reaction. HUMA BURST® PULVERIZED is a 60%–70% humic/fulvic acid that can also be applied to all soils—broadcast in fall, post-harvest, or early spring—either pre-plant or with seed. Incorporation is not required. It can be applied in bands, either with seed, fertilizer, or after planting.

### Benefits of Use:

- Powder size promotes even coverage/distribution of humic/fulvic acid for sustainable carbon benefit
- Long-term soil organic-matter building
- Increased water penetration
- Increased flocculation of clays
- Promotes conversion of fertilizer into plant-available food
- Increases soil nutrient mineralization
- Sustainable 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 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

