HUMA BURST® MICROHUMIC®

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%†

†Analysis using CDFA Method

Total HA..... 40%–45%‡

‡Analysis using HPTA or ISO 19822 Method

Derived From:
Oxidized leonardite

Physical Properties:
Form: Light powder
Appearance: Dark reddish brown to black powder having no odor.

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

Dust hazard: Use eye protection and particulate respirator when handling dry material.

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.

Another Great Product From
MESA VERDE HUMATES®

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® MICROHUMIC® is a soil amendment and seed treatment. It is a dry humic and fulvic acid ultra-fine product that is micronized to an average particle size of 15 microns (our smallest 60%–70% humic/fulvic particle size). When mixed with seed, compost, or other granular fertilizers (except urea) it delivers the maximum concentration of humic/fulvic acids. MICROHUMIC® can be prepared for soil granular fertilizer, compost, and seed treatment. Due to its very fine particle size, the product is also excellent for specialty use in creating humate prills, mycorrhizal bulking agents, and hydroseeder slurries. Not recommended for dry broadcast soil application or air planters.

Benefits of Use:

- Even coverage/distribution of humic/fulvic acid for sustainable carbon benefit
- Soil organic-matter building around the seed, compost, or granular fertilizer
- Improved seed germination
- Improved seedling root development
- Promotes conversion of fertilizer and compost into plant-available food
- Increases nutrient mineralization
- Sustainable soil microbial activation

Deficiency Symptoms—When to Apply:

- Low organic matter
- Low-fertility soil
- Continuous use, tired soils
- Poor seed germination
- Poor seedling root development

Application Instructions:

- Lightly coat the seed in the bag or over the seed hopper prior to planting. Lightly coat compost or granular fertilizer in the windrow or fertilizer blender. If bridging or plugging occurs, either mix more thoroughly or reduce the application rate.
- Soil moisture is required for maximum bioactivity. If soil is dry, moisture should be provided by irrigation. Applications can be made as often as every 30 days, as needed.
- Can be applied in combination with compatible plant growth regulators, pesticides, or other granular fertilizers, except urea, using soil banding machines.
- 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*
Mix with seeds at planting: Large seeds Small Seeds	Up to 8 oz/ac, 585 mL/ha Up to 16 oz/ac, 1.25 kg/ha
Soil: Mix with granular fertilizers and apply in a band at planting.	Up to 2 lb/ac, 2.25 kg/ha
Soil: Mix with compost and apply broadcast or in a band at, or prior to, planting.	Up to 4 lb/ac, 4.5 kg/ha

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HUMA GRO®