



## PRODUCT TECH SHEET

## MAGMAHUME™

**Product description:**

MagmaHume is a unique combination of basalt, a source of secondary and micronutrients, and Monty's proprietary activated humics, to improve soil fertility and health. MagmaHume is natural, organic, and balanced for better growth, bringing more energy to your plants.

**Application benefits**

- Dual-action soil and plant fortifier
- Key nutrients assist in photosynthesis, enzyme production, catalyzing key plant processes, and support plant strength
- Improves overall soil health by reducing compaction, enhancing micronutrient uptake, and increasing microbial activity
- Ideal for silica and nutrient-demanding crops like rice, sugar cane, wheat, small grains, corn, hemp, soybeans and tomatoes
- Pelleted product is uniformly sized, low-dust, and easy to spread
- Basalt processed to maximize surface area interaction with activated humics, increasing nutrient solubility
- Blendable and compatible with other dry inputs
- OMRI listed and approved for organic application

**Active ingredients**

Calcium (Ca) .....	2%
Magnesium (Mg) .....	3%
Cobalt (Co) .....	0.004%
Iron (Fe) .....	5%
Manganese (Mn) .....	0.08%

## Also contains non-plant food ingredients:

Silica (SiO <sub>2</sub> ) ( <i>Derived from Basalt</i> ) .....	22%
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## Soil amending active ingredients

Humic Acids ( <i>Derived from Lignite</i> ) .....	0.75%
Other Ingredients ( <i>Basalt</i> ) .....	99.25%

**Directions for use**

General application rates are 50 kg per ton. Optimal rates will vary with timing, placement and methods of application. Consult your local dealer for optimal rates for your particular region, soil types, and usage. MagmaHume may be mixed with most granular applications or other dry products including animal manures. When applying as a mix with other granulated products, ensure even distribution by mixing thoroughly before application.

Monty's products are recommended as supplements to your current farming practices and are not recommended to replace the nutrients typically added to the soil. We suggest taking a soil and/or tissue test, have a qualified independent lab analyze the samples to determine nutrient levels in your soils and plants, and then follow the recommendations of a qualified CCA, agronomist or dealer.

When tank mixing any Monty's product with other farm chemicals, always read and follow the label directions of the chemical(s) you are considering and administer a jar test and/or a strip test before adding Monty's to your tank mix. When mixing with other farm chemicals, tank mix Monty's only after diluting the chemical according to label directions. Knowing the chemical's "mode of action" (block photosynthesis) or metal content (copper based) will help determine the compatibility of Monty's.

FOR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. AVOID CONTACT WITH SKIN, EYES, OR CLOTHING.

Information regarding the contents and levels of metals in this product is available on the Internet at: <http://www.aapfco.org/metals.html>

**Physical and chemical properties:**

Density: 1329.53 – 1361.57 kg/liter



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