SOIL AMENDMENTS

Black Gypsum DG®

HUMIC SOLUTIONS

Ca Calcium | C Carbon | S Sulfur

Black Gypsum DG granules are homogenous and combine natural gypsum and humic substances to form a unique bio-amendment. DG technology creates a dust-free, spherical, ultra-dry granule that rapidly disperses into thousands of microparticles upon contact with moisture. These microparticles deliver calcium, sulfur, and carbon directly into the soil. The DG technology allows for reduced application rates, as compared to other agricultural-grade gypsum products, which makes this a very economical soil amendment.

PRODUCT ALTERNATIVES

NutraSoft® DG	K-Mate™ SG	Humic DG™	**Black Gypsum DG®**
• 86% Calcium Sulfate	• 99% humic acid • 100% water soluble • Can be applied through sprayers or drip irrigation	• 70% humic acid • Blends with fertilizer	• 10% humic acid • 70% calcium sulfate • Blends with fertilizer

FEATURES & BENEFITS

- Contains 70.0% calcium sulfate dihydrate ($CaSO_4 \cdot 2H_2O$)
  - » Water soluble
  - » Increases calcium and sulfur without changing soil pH
- 10% humic acid from oxidized lignite (leonardite)
  - » Supplies 15-30 pounds of humic acid per acre
- Improves root development, plant nutrient uptake and phosphorus stability
- Provides secondary nutrients (calcium and sulfur)
- Enhances soil health by stimulating soil microbial populations and relieving compaction and salinity
- Blends with fertilizer or can be used alone

RECOMMENDED BROADCAST APPLICATION RATES

Application	Rate per acre
Row crops, specialty crops, horticulture crops	150-300 lbs.
Soil Detoxification	600-800 lbs.

Apply any time as a soil amendment. Consult your soil test results for pH, cation exchange capacity (CEC), organic matter, and soil active carbon levels and apply accordingly.

FREQUENTLY ASKED QUESTIONS

Q: What advantages do Black Gypsum DG granules have over other types of standard gypsum?

A: Our gypsum source is calcium sulfate dihydrate ($CaSO_4 \cdot 2H_2O$), which, with two extra water molecules, is more water soluble than the anhydrite form ($CaSO_4$). These extra molecules make calcium and sulfur more readily available to the plant – as soon as Black Gypsum DG enters the soil solution. While a plant receiving the anhydrite form of calcium would be forced to wait days or weeks to take advantage of the applied nutrients, a plant receiving a Black Gypsum DG application begins to utilize the nutrients in hours, thanks to the dihydrate calcium and our dispersing granule technology. Black Gypsum DG delivers 10% humic acid in every application. This humate is quick acting, and provides further chelation of applied and existing nutrients, increasing their availability to the plant.

Q: How does the application of carbon enhance soil health?

A: Humic substances contain carbon, which will provide soil microbes with a food source and habitat, allowing them to flourish. As a result, essential macro and micronutrients held in the soil will become more available, and additional fertility will be utilized more efficiently. Humic acids also have a high cation exchange capacity, which enhances the soil's ability to hold nutrients.

The Andersons®

FOR MORE INFORMATION

800-831-4815
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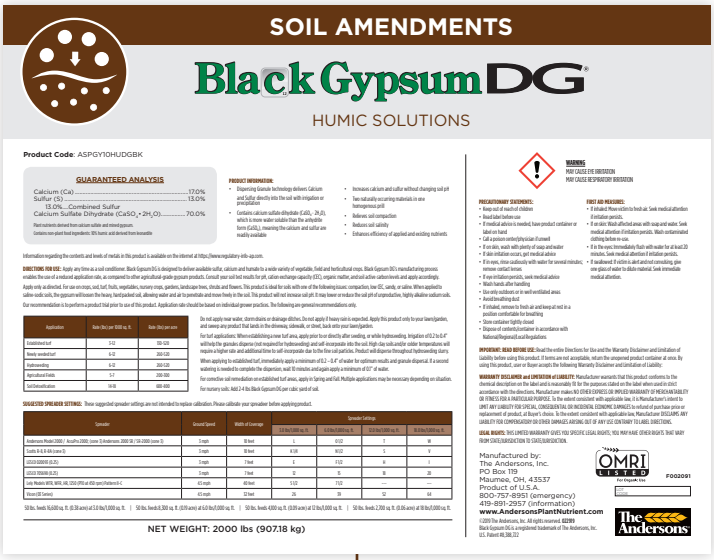
AndersonsHumates.com

OMRI LISTED For Organic Use

4R nutrient stewardship

CROP COACH™

To see how this product can be used in a complete nutrition program visit **CROPCOACH.COM**



GUARANTEED ANALYSIS

Calcium (Ca) 17.0%
Sulfur (S) 13.0%
13.0%...Combined Sulfur
Calcium Sulfate Dihydrate ($CaSO_4 \cdot 2H_2O$)..... 70.0%

Plant nutrients derived from calcium sulfate and mined gypsum
Contains non-plant food ingredients: 10% humic acid derived from leonardite

PHYSICAL PROPERTIES

Density..... 49.0 lbs/ft^3

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