



Black Gypsum DG

Featuring the same dual carbon sources that make **Humic DG** unique, **Black Gypsum DG** is a unique bio-amendment that combines natural gypsum (calcium sulfate) and humic substances in one, homogenous prill.

BENEFITS OF Gypsum:

- Increases calcium and sulfur without changing soil pH
- Enhances efficiency of applied and existing nutrients
- Increases soil CEC and tilth
- Reduces soil salinity
- Reduces thatch and stalk residue

BENEFITS OF Humic Acids:

- Increased nutrient uptake
- Increased drought tolerance
- Aids in seed germination
- Stimulates microbial activity which aids in root stimulation
- Provides increased soil aeration
- Lowers soil PH to more neutral levels
- Flush out high levels of salt in the root zone

Containing a combination of gypsum, humate and humic acid precursor, **Black Gypsum DG** delivers **calcium, sulfur and humate** (a rich source of carbon) directly to the soil utilizing Anderson Humates [dispersing granule \(DG\) technology](#). The gypsum found in **Black Gypsum DG** is naturally chelated, supplying calcium without changing soil pH, and adding sulfur where needed. Acting as a soil conditioner, gypsum loosens hard packed soils and enhances the flushing of harmful salts and excess sodium.

Like **Humic DG**, **Black Gypsum DG** contains dual carbon sources: humic acid precursor (plant based carbon) and humate (bio-organic based carbon). Humic acid precursor is transformed into humic and fulvic acids, helping to chelate nutrients in the soil. Humates works to prolong humic acid soil activity and to help stimulate soil microbes and biologic activity within the plant. Humates also act as a chelating agent for micronutrients, enhancing the utilization and efficiency of applied and existing nutrients like nitrogen and phosphorus.

Upon contact with water, DG technology breaks down each **Black Gypsum DG** granule into thousands of micro particles. These micro particles self-incorporate into the soil, moving gypsum and humic acid directly into the plant root zone and providing immediate benefits to both the soil and plant.

WHY BLACK GYPSUM DG OVER OTHER TYPES OF STANDARD GYPSUM?

Our gypsum source is calcium sulfate di-hydrate (CaSO₄·2H₂O), which, with two extra water molecules, is more water soluble than the anhydrite form (CaSO₄). These extra molecules make calcium and sulfur more quickly 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 di-hydrate calcium and our [dispersing granule \(DG\) technology](#).

Black Gypsum DG delivers 21% humic acid delivered in every application. This humate is quick acting, and provides further chelation of applied and existing nutrients, increasing their availability to the plant.

APPLICATION INFORMATION:

For **Black Gypsum DG** applications, we recommend the following application rates:

- Field Crops (in furrow): 10 – 15 lbs / acre
- Field Crops (broadcast): 200 – 500 lbs / acre
- Fruit, Vegetables and Specialty Crops (broadcast): 200 – 500 lbs / acre
- Fruit, Vegetables and Specialty Crops (row acre): 10 – 40 lbs / acre
- Established Turf: 130 – 520 lbs / acre
- Newly Seeded Turf: 260 – 520 lbs / acre
- Hydro Seeding: 130 – 520 lbs / acre
- Landscape Plants: 1.0 cup per caliper inch
- Bulk Soil Mix and Back Fill: 8.0 – 12.0 lbs / cu yd

ORGANIC CERTIFICATION:

Black Gypsum DG is OMRI listed certified organic. OMRI listed farm and garden products meet the true test of the USDA National Organic Standards, clearing rigorous reviews to guarantee the purity of additions to your soil. With additional strict limits on the presence of harmful heavy metals and pathogens, you won't be adding these contaminants to your soil when you choose OMRI Listed products.

Furthermore, **Black Gypsum DG** is certified as an Organic Input Material (OIM) in the state of California.

SAFETY:

Black Gypsum DG is produced in accordance with NOSB (National Organic Standards Board) guidelines. The materials used in the production process are derived from naturally occurring and sustainable sources and are consistent with organic principals and the National List of Allowed Substances. **Black Gypsum DG** does NOT contain synthetic chemicals, animal components, and animal by products, manure or manure by-products. **Black Gypsum DG** is environmentally safe and is not harmful to animals, plants and humans.

STORAGE & HANDLING:

Store in a cool location away from direct sunlight. Keep away from moisture sources.- No special handling required

COMPLIANCE:

Fully complies with EPA Toxic Substance Control Act (TSCA) and the rules, orders and regulations

promulgated there under including:

- a) Sections 4, 5, 6 & 7; Title 40 Chapter 1, 707.20 thru 707.75;
- b) 40 CFR Sections 704.3, 710.2(e) and 720.3(c); and
- c) Sections 5 and 13, reference 42FR64583
- d) Does not contain marine pollutants as defined in 49 CFR 171.8.

PACKAGING:

20 KG Bag

50 Bag Pallet (1000 KG)

1000 KG Bulk Tote