

Black Gypsum DG™

- **Dispersing Granule Formula delivers Calcium and Sulfur directly into the soil with irrigation or precipitation**
- **Two naturally occurring materials in one homogenous prill**
- **Flushing agent for soils with high salt levels**
- **Increases soil CEC to improve nutrient performance**
- **Natural source of calcium and Humic Acid**
- **Relieves soil compaction**

GUARANTEED ANALYSIS

Calcium Sulfate Dihydrate (CaSO ₄ • 2H ₂ O)	48.0%
Calcium (Ca)	12.0%
Sulfur (S)	8.9%
8.9% Combined Sulfur (S)	

Plant nutrients derived from calcium sulfate and mined gypsum.

CONTAINS NON-PLANT FOOD INGREDIENT:
12% plant based organic acids and 21% humic acid derived from leonardite.



WARNING
MAY BE HARMFUL IF SWALLOWED
MAY CAUSE MILD SKIN IRRITATION
MAY CAUSE EYE IRRITATION
MAY CAUSE RESPIRATORY IRRITATION

Precautionary Statements

Call a poison center/physician if unwell. If skin irritation occurs, get medical advice. If in eyes, rinse cautiously with water for several minutes, remove contact lenses. If eye irritation persists, get medical advice. Wash hands after handling. Use only outdoors or in well ventilated areas. Avoid breathing dust. If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Store container tightly closed. Dispose of contents/container in accordance with national/regional/local regulations.

First Aid

If swallowed: If victim is alert and not convulsing, give one glass of water to dilute material, but DO NOT induce vomiting. Seek immediate medical attention.

If on skin: Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before reuse.

If in eyes: Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists.

If inhaled: Move victim to fresh air. Seek medical attention if irritation persists.

Directions for Use

Apply any time as a soil conditioner. The Black Gypsum DG manufacturing process reduces the rate of application necessary, compared to AG grade products. Follow your soil analysis recommendations of pH, OMC, CEC and soil active carbon analysis.

Apply as directed. For use on turf, agricultural crops, fruits, vegetables, nursery crops, gardens, landscape trees, shrubs and flowers. This product will not increase soil pH. It may lower or reduce the soil pH of unproductive, highly alkaline sodium soils.

Applied to saline-sodic soils, Black Gypsum DG will loosen heavy, hard packed soil, allowing water and air to penetrate and move freely in the soil.

When establishing a new turf area, apply prior to or directly after seeding, or while hydroseeding. Irrigation of 5 to 10 mm will help the granules disperse (not required for hydroseeding) and self-incorporate into the soil. High clay soils and/or colder temperatures will require a higher rate and additional time to self-incorporate due to the fine soil particles. Product will disperse throughout hydroseeding slurry.

For corrective soil remediation on established turf areas, apply in Spring and Autumn. Multiple applications may be necessary.

For ornamentals maintenance place product around the base of each plant in Spring and Autumn. For small trees and shrubs apply 250 - 500 ml. For larger trees use 10 ml/caliper mm.

For establishing ornamentals mix Black Gypsum DG with the Back Fill (soil) from excavation for the plant. For small trees, up to 75 mm in caliper, use 10 ml/caliper mm of tree. Trees 75 caliper mm or larger use 20 ml/caliper mm.

For establishing ornamental container grown stock into your landscape, see the bottom of chart below.

Broadcast Application			
Application	g/m ²	kg/100 m ²	kg/ha
Established Turf	15 - 60	1.5 - 6.0	150 - 600
Newly Seeded Turf	30 - 60	3.0 - 6.0	300 - 600
Hydroseeding	30 - 60	3.0 - 6.0	300 - 600
Damaged Salt Areas	60 - 100	6.0 - 10.0	600 - 1000
*Garden & Crops	22.5 - 60	2.25 - 6.0	225 - 600

*200 - 350 g/m³ for small gardens and raised beds. Apply in Spring and Autumn or at seeding.

For bulk mixes for container growing add 4 - 7 kg/m³ (4-7 g/l).

Our recommendation is to perform a product trial prior to use of this product.

Application rate should be based on individual grower practices. The following are general recommendations only.

	Light Feeding	Normal Feeding
Container Nursery Stock	4 - 5 g/l	6 - 7 g/l
Potted Plants	4 - 5 g/l	6 - 7 g/l

Double rates from chart above when transplanting container stock into soil for establishment. Mix Black Gypsum with the Back Fill (soil) from excavation for the plant.

For turf and garden applications:

Apply 5-10 mm of water immediately after application to disperse granules. If a second watering is needed to complete dispersion, wait 10 minutes and apply a minimum of 2.5 mm of water.

Agricultural application:


Apply to soils that are compacted, low CEC, sandy soil, as well as soils impacted by salinity. Can be applied with blended fertilizer to increase applied nutrient efficacy and plant availability.

Maintenance:

225 - 450 kg/ha
Soil detoxification: 675 - 900 kg/ha
Blending with fertilizer: 150 to 300 kg/metric ton

Notice: Warranty of this material, either expressed or implied, is limited to a guarantee of the composition as shown on the label in as much as uses are beyond the seller's control. For the same reason, Seller is not liable for any injury to living things, crops, soils or materials which may result from the use or storage of this material. Do not store outside.

Product of U.S.A.

 Spreaders	Ground Speed	Width of Coverage	Spreader Settings			
			15 g/m²	20 g/m²	25 g/m²	30 g/m²
Model 2000 & 2000 SR (cone 3) Settings for single pass application = FULL RATE	5 km/hr	3.0 m	L	M 1/4	N 3/4	O 3/4
Lely Models WTR, WFR, HR & 1250 (pattern II-C) Settings for single pass application = FULL RATE	7 km/hr	12.2 m	5 1/2	6 1/2	7	7 1/2
Vicon (03 Series) Settings for single pass application = FULL RATE	7 km/hr	9.7 m	26	32	37	40

Suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product.



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Manufactured by:
The Andersons, Inc.
P. O. Box 119
Maumee, OH 43537
U.S.A.
AndersonsPro.com

CE
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10005302