

Black Gypsum™

- **Dispersing Granule Formula delivers Calcium and Sulfur directly into the soil with irrigation or precipitation**
- **Two naturally occurring materials in one homogenous prill**
- **Amends 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 mined gypsum.

ALSO CONTAINS NON-PLANT FOOD INGREDIENT:
12% humic acid derived from leonardite.

U.S. Patent #8,388,722

Information regarding the contents and levels of metals in this product is available on the internet at
<http://www.regulatory-info-ap.com>



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. Designed to deliver available sulfur, calcium and Humate to a wide variety of vegetable, field and horticultural crops. Black Gypsum's manufacturing process reduces rate of application necessary, compared to AG grade products. Follow your soil analysis recommendations of pH, OMC, CEC and soil active carbon analysis.

Apply only as directed. For use on crops, establishment or maintenance of turf, agricultural, fruits and 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, the gypsum will loosen the heavy, hard packed soil, allowing water and air to penetrate and move freely in the soil. Also utilized to repair areas damaged from winter salt and fertilizer.

When establishing a new turf area, apply prior to or directly after seeding, or while hydroseeding. Irrigation of 0.2 to 0.4 inches 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 Fall. Multiple applications may be necessary depending on cultural situation.

For ornamentals maintenance place product around the base of each plant in Spring and Fall. For small trees and shrubs apply 1 to 2 cups. For larger trees use 1 cup per caliper inch.

For establishing ornamentals mix Black Gypsum with the Back Fill (soil) from excavation for the plant. For small trees, up to 3 inches in caliper, use 1 cup per caliper inch of tree. Trees 3 caliper inch or larger use 2 cups per caliper inch.

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

Product improves quality of composting materials. Spread approximately **2 cups** over the top of the material in the cart (every 3 cubic foot of material) as it is dumped into the compost pile. Add **2 cups** (for every 3 cubic foot) every time compost is turned until the compost is complete.

Broadcast Application		
Application	Rate per 1,000 sq. ft.	Rate per Acre
Established Turf	3-12 lbs	130-520 lbs
Newly Seeded Turf	6-12 lbs	260-520 lbs
Hydroseeding	6-12 lbs	260-520 lbs
Damaged Salt Areas	12-20 lbs	520-870 lbs
*Garden & Crops	4.6-11.5 lbs	200-500 lbs

*1.2 - 2 lbs per 100 square foot for small gardens and raised beds. Apply in Spring and Fall or any time seeding.

For bulk mixes and backfill add 8 - 12 lbs per cubic yard.

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.

Container Rates - Topdressing Established plants		
Container Size	Approximate Containers / Cu yd	Conversions
4" square	1,260	3 g = 1/2 teaspoon = 1/10 oz.
5" pot	800	5 g = 1 teaspoon = 1/6 oz.
6" pot	450	8 g = 1½ teaspoon = 1/3 oz.
1 gallon container	300	14 g = 1 tablespoon = 1/2 oz.
3 gallon container	80	28 g = 2 tablespoon = 1 oz.
5 gallon container	50	42 g = 3 tablespoon = 1½ oz.

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:

Immediately after application, for optimum results and to disperse the granules, apply a minimum of 0.2 to 0.4 inches of water. If a second watering is needed to complete the dispersion, wait 10 minutes and again apply a minimum of 0.1 inches 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:

200 to 400 pounds per acre
Soil detoxification: 600 to 800 lbs. per acre
Blending with fertilizer: 300 to 600 pounds per ton (refer to blender chart on website)

Recent research has shown that environmental buffers prevent pollutants from entering our natural water bodies. To help protect these natural resources, avoid applying product to sidewalks, driveways, roadways, and other impervious surfaces. Sweep any misplaced granules back onto the area you are treating immediately after application, since storm drains often empty directly to nearby waterways.

This product does not contain microbes.

Suggested Spreader Settings These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product. 50 lbs. feeds 16,600 sq. ft. (0.38 acre) at 3.0 lbs/1,000 sq. ft. 50 lbs. feeds 8,300 sq. ft. (0.19 acre) at 6.0 lbs/1,000 sq. ft. 50 lbs. feeds 5,000 sq. ft. (0.11 acre) at 10 lbs/1,000 sq. ft. 50 lbs. feeds 4,100 sq. ft. (0.09 acre) at 12 lbs/1,000 sq. ft.						
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS			
			3.0 lbs/1,000 sq. ft.	6.0 lbs/1,000 sq. ft.	10.0 lbs/1,000 sq. ft.	12.0 lbs/1,000 sq. ft.
Andersons Model 2000 (cone 3); Andersons 2000 SR (cone 3)	3 mph	10 feet	L	O 1/2	S	T
Scotts R-8, R-8A (cone 3)	3 mph	10 feet	K 1/4	N 1/2	R 1/4	S
Lesco 020093 (pattern 0.25)	3 mph	7 feet	E	G 1/2	J	K
Lesco 705698 (pattern 0.25)	3 mph	7 feet	12	17	22	24
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern II-C	4.5 mph	40 feet	5 1/2	7 1/2	---	---
Vicon (03 Series)	4.5 mph	32 feet	26	39	49	52

IMPORTANT: READ BEFORE USE:

Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or Buyer accepts the following Warranty Disclaimer and Limitation of Liability:

WARRANTY DISCLAIMER and LIMITATION of LIABILITY:

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the extent consistent with applicable law, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. To the extent consistent with applicable law, Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.

LEGAL RIGHTS:

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE/JURISDICTION TO STATE/JURISDICTION.

Product of U.S.A.

Manufactured by:
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Black Gypsum is a trademark of The Andersons, Inc.

SGN 240
Net Wt. 50 Lbs (22.68 kg)



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