



# 28-0-3 + Enhanced Calcium with 20% Controlled Release Nitrogen from XCU and INTENSIFY Microbial BioCatalyst Coarse Grade (SGN 210)

### Directions For Use. Apply only as directed.

The proper application rate depends on your soil pH and soil test level of calcium.

**Sports & Recreational turf, Residential lawns:** 28-0-3 may be applied to a wide variety of turf grasses & newly seeded turf areas. For best results water in thoroughly after spraying. Apply to dry turf.

**For turf application:** Coverage 9 000 sq ft. Apply 3.2 lbs per 1000 sq ft or 140 lbs per acre. To assure complete and even coverage apply at half rates in two directions.

28-0-3 if used as directed will provide 0.9 lb of nitrogen, 0.2 lbs of potassium and 1.0 lb of calcium per 1000 sq ft with each application. It is ideal for all turf types. Store in a cool, dry place, do not contaminate water by storage or disposal.

### Guaranteed Analysis

|   |       |
|---|-------|
| Total Nitrogen (N) .....                | 28.0% |
| 28% Urea Nitrogen*                      |       |
| Soluble Potash (K <sub>2</sub> O) ..... | 3.0%  |
| Calcium (Ca) .....                      | 20.0% |

Derived from: Polymer-coated sulfur-coated Urea, urea, Muriate of Potash, Calcium Carbonate

\*Contains 5.6% slowly available Nitrogen from polymer-coated, sulfur-coated urea.

IN VIRGINIA THIS FERTILIZER MAY BE USED FOR ROUTINE TURF MAINTENANCE. IT IS TO BE APPLIED AT A RATE NOT TO EXCEED .7 LBS OF N ON COOL SEASON TURF AND .9 LBS ON WARM SEASON TURF PER 1000 S.F. PER 30 DAY PERIOD. IN MARYLAND THIS PRODUCT MAY BE APPLIED AT NO MORE THAN .9 LBS PER 1,000 S.F. ON TURF.

APPLY ONLY AS DIRECTED. DO NOT APPLY NEAR WATER, STORM DRAINS OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN, AND SWEEP ANY PRODUCT THAT LANDS ON YOUR DRIVEWAY, SIDEWALK OR STREET BACK ONTO YOUR LAWN.



### **Warning**

May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause cancer. Do not breathe dust. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only out-doors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Remove person to fresh air, keep comfortable for breathing. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: call POISON CENTER/doctor If you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. Get medical advice/attention If you feel unwell. Store locked up. Dispose of contents/container according to local regulations. See Safety Data Sheet for further details regarding safe use of product.

### **Soil Amending Guaranteed Analysis:**

Active Ingredients:

8.00% Lignin Sulfonate (water soluble binder)

0.50% Microbes

|                                  |                      |
|----------------------------------|----------------------|
| Paenibacillus polymyxa .....     | 150,000 cfu per gram |
| Bacillus subtilis .....          | 150,000 cfu per gram |
| Bacillus pumilus .....           | 150,000 cfu per gram |
| Bacillus licheniformis .....     | 150,000 cfu per gram |
| Bacillus amyloliquefaciens ..... | 150,000 cfu per gram |
| Bacillus megaterium .....        | 150,000 cfu per gram |
| Azospirillum amazonense .....    | 150,000 cfu per gram |
| Azospirillum lipoferum .....     | 150,000 cfu per gram |
| Trichoderma harzianum .....      | 150,000 cfu per gram |

Inert Ingredients (as a soil amendment).

91.50% Fertilizer Materials

\*Purpose: Microbes decompose organic materials in the soil.

Information concerning the raw materials composing this product can be obtained by writing to the Guarantor listed below, and referring to the batch number found on this container.

CHEMTREC : 1-800-424-9300

**Powered By: HydraSmart**

**Net Wt. 50 lbs. (22.68 kg)**

**MADE IN USA      EXP DATE: APR 2025**

**Manufactured for and Distributed by  
HYDRA SMART, Roanoke, VA 24016**