



# 12-0-4 with XCU and INTENSIFY Microbial BioCatalyst Coarse Grade (SGN 210)

Directions For Use. Apply only as directed.

**Sports & Recreational turf, Residential lawns:** 5lbs per 1000 sq.ft. or 220lbs per acre

Coverage: 10,000 sq.ft. per 50lb bag

Store in a cool, dry place, do not contaminate water by storage or disposal. For best results, apply to dry turf and water in thoroughly.

### Guaranteed Analysis

Total Nitrogen (N) .....	12.0%
12% Urea Nitrogen*	
Soluble Potash (K <sub>2</sub> O) .....	4.0%
Calcium (Ca).....	23.0%

Derived from: Ammonium phosphate, Muriate of potash, Urea, Polymer Coated Sulfur Coated Urea, Calcium carbonate.

\*Contains 3.60% Slowly Available Nitrogen derived from Polymer-coated Sulfur-coated Urea. (30% of Total N)

IN VIRGINIA THIS FERTILIZER IS INTENDED FOR NONAGRICULTURAL USE ON (A) TURF DURING ITS FIRST GROWING SEASON (B) TURF BEING RENOVATED OR REPAIRED (C) OR WHERE A SOIL TEST INDICATES A PHOSPHOROUS DEFICIENCY. DO NOT EXCEED A RATE OF 1.0 LB. OF PHOSPHOROUS PER 1000 S.F. PER APPLICATION, AND NO MORE THAN 2.0 LBS. PER 1000 S.F. PER APPLICATION AND NO MORE THAN 3.5 LBS. ANNUALLY. THIS FERTILIZER IS NOT INTENDED FOR ROUTINE TURF MAINTENANCE.

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**