

# TDS Technical Data Sheet

## 12-0-4 + SOLU-CAL Fertilizer

- High Calcium Lime - 23% Ca micro-fine ground to 45 microns
- Supplies essential soluble Calcium and beneficial active microbes to the soil
- Calcium and Microbial BioCatalyst combined allow for reduced rates of Phosphorous, while promoting aggressive seedling performance
- Combats acidic soils
- Increases density of seedling turf
- Supplies essential N, P, K, S and Ca

### PRODUCT SPECIFICATION:

12-0-4 Fertilizer and soluble Calcium with INTENSIFY Soil Microbial BioCatalyst

- Particle size- SGN 210
- Product Code- 14040 (50lb bag)

### TYPICAL ANALYSIS :

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

\*3.6% slowly available nitrogen from polymer-coated, sulfur coated urea

### CONTAINS :

Urea, Polymer-Coated Sulfur-Coated Urea, Muriate of Potash, Calcium Carbonate  
 2% Activated Humic / Fulvic Acid  
 8% Lignosulfonate as a binding agent

### Soil Amending Guaranteed Analysis:

#### Active Ingredients:

8.00% Lignin Sulfonate.  
 0.50% Microbes

<i>Paenibacillus polymyxa</i> .....	150,000 cfu per gram
<i>Bacillus subtilis</i> .....	150,000 cfu per gram
<i>Bacillus pumilus</i> .....	150,000 cfu per gram
<i>Bacillus licheniformis</i> .....	150,000 cfu per gram
<i>Bacillus amyloliquefaciens</i> .....	150,000 cfu per gram
<i>Bacillus megaterium</i> .....	150,000 cfu per gram
<i>Azospirillum amazonense</i> .....	150,000 cfu per gram
<i>Azospirillum lipoferum</i> .....	150,000 cfu per gram
<i>Trichoderma harzianum</i> .....	150,000 cfu per gram

#### Inert Ingredients (as a soil amendment).

91.50% Fertilizer Materials

### APPLICATION RATES:

FOR EXISTING TURF: Coverage 7000 sq ft. Apply 7.1 lbs per 1000 sq ft or 312 lbs per acre. Apply to dry turf. Water in thoroughly. SOLU-CAL 12-0-4 if used at 312 lbs per acre will provide 0.9 lb of nitrogen, 0.3 lb of potassium and 1.6 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. 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 in the driveway, sidewalk, or street, back onto your lawn. For all uses, product should be watered in thoroughly after application. Available in 50lb bag, Coverage 10,000 sq. ft.