

# Solu-Cal PLUS with Detonation®

Soluble Calcium and Biocatalyst  
Coarse Grade (210 SGN)

## Guaranteed Analysis

Calcium (Ca) ..... 36.0%  
Iron (Fe) ..... 0.25%

Derived from: Calcium Carbonate and Wolf Trax Iron DDP 47% Fe.

### ALSO CONTAINS NON PLANT FOOD INGREDIENT:

2% Humic Acid from Highly Oxidized Lignite Coal.

Humic Acid acts as a complexing agent.

8% Lignin Sulfonate as Binding Agent.

90% Total Other Ingredients

Paenibacillus polymyxa ..... 400,000 CFU per gram  
Bacillus subtilis ..... 300,000,000 CFU per gram  
Bacillus pumilus ..... 300,000 CFU per gram  
Bacillus licheniformis ..... 300,000 CFU per gram  
Bacillus amyloliquefaciens ..... 300,000 CFU per gram  
Bacillus megaterium ..... 300,000 CFU per gram  
Pseudomonas putida ..... 200,000 CFU per gram  
Pseudomonas fluorescens ..... 200,000 CFU per gram  
Pseudomonas aureofaciens ..... 200,000 CFU per gram  
Azospirillum amazonense ..... 200,000 CFU per gram  
Azospirillum lipoferum ..... 200,000 CFU per gram

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

## Directions For Use. Apply only as directed.

Solu-Cal PLUS with Detonation® Biocatalyst is a special formulation of soluble Calcium and Organic Humic Acids, complexed with Detonation® Biocatalyst to enhance beneficial microbial activity in the soil. Humic Acid has been shown to increase nutrient availability and uptake.

Solu-Cal PLUS with Detonation® Biocatalyst may be applied to a wide variety of turf grasses, including newly seeded areas and existing turf. Solu-Cal PLUS with Detonation® Biocatalyst may be soil incorporated at planting time, or side or top dressed when turf is growing. Do not apply when turf is under severe drought or heat stress. For best results, water in after spreading.

• **TO RAISE LOW SOIL pH**, apply 12.5 lbs. per 1,000 sq.ft. or 520 lbs. per acre. Up to 3 applications per year, applied 8 weeks apart, are recommended for low pH soils. 50lb bag covers 4,000 sq.ft.

• **TO MAINTAIN SOIL pH**, apply 6 lbs. per 1,000 sq.ft. or 260 lbs. per acre. Two applications per year are recommended. 50lb bag covers 8,000 sq.ft.

• **TO MAINTAIN CALCIUM LEVELS in the soil** for optimum growing conditions, apply 5lbs per 1,000 sq.ft. Two applications in spring and fall are recommended. 50lb bag covers 10,000 sq.ft.

Apply to dry turf. Water in thoroughly.

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/GARDEN, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/GARDEN.**

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

Detonation® is a registered trademark of Sanctuary Products, LLC.

Wolf Trax DDP® is a registered trademark of Wolf Trax, Inc. and Compass Minerals Manitoba, Inc.

BUYER ASSUMES ALL RESPONSIBILITY FOR SAFETY AND USE NOT IN ACCORDANCE WITH DIRECTIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THE PRODUCT. PLANT INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND SELLER'S CONTROL. IN NO CASE SHALL THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

FLORIDA APPLICATIONS: For use on golf courses or other athletic turf in FL, we recommend you follow SL191, "Recommendations for N, P, K & Mg for Golf Course and Athletic Field Fertilization Base on Mehlich I Extractant", available on the internet at <http://edis.ifas.ufl.edu/SS404>.

For commercial application to urban turf or lawns in FL, we recommend you follow the Best Management Practices for Protection of Water Resources in Florida, June 2002, Florida Green Industries, available on the internet at [http://www.dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/BMP\\_Book\\_final.pdf](http://www.dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/BMP_Book_final.pdf).



Warning

May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause cancer. Toxic to aquatic life.

Do not breathe dust. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors 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.



F1732 Made in USA  
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