

TDS Technical Data Sheet

Solu-Cal with Detonation[®] Biocatalyst

Calcium for nutrient availability

- High Calcium Lime 36% Ca micro-fine ground to 45 microns
- Supplies essential soluble Calcium and Carbon to the soil
- Makes stored and applied nutrients more available to plant and soil

Detonation[®] Biocatalyst

- Probiotic delivers a wide range of beneficial bacteria and fungi to reduce nutrient requirements
- Promotes nutrient availability & efficiency
- Enhances beneficial microbial activity

Wolf Trax[®] DDP Iron

- More consistent distribution of iron particles
- Supports healthy green turf

PRODUCT SPECIFICATION:

Solu-Cal PLUS with soluble Calcium and Organic Humic Acids, complexed with Detonation[®] Biocatalyst

- Particle size - SGN 210
- Product Code - 11038 (50lb bag)

TYPICAL ANALYSIS :

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

CONTAINS :

Calcium Carbonate and Wolf Trax[®] Iron DDP 47% Fe.
 2% Humic Acid from Highly Oxidized Lignite Coal.
 8% Lignin Sulfonate as Binding Agent.

Probiotics

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

APPLICATION RATES:

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.