

Solu-Cal BioCal Revive with Dethatch

Coarse Grade (210 SGN)

Guaranteed Analysis

Total Calcium (Ca)	36.00%
Total Magnesium (Mg)	0.5%
Calcium Carbonate (CaCO ₃)	. 95.00%
Magnesium Carbonate (MgCO ₃)	0.9%
Calcium Carbonate Equivalent (CCE)	91.00%
Effective Neutralizing Value (ENV)	88.27%
Maximum Moisture Content	1.0%
Derived from calcitic limestone.	

FL: This product requires 1978 lbs. to be equal to 1 ton of standard liming material.

OH: ENP = 1765.76 lbs. per ton

NH Classification of Fineness:

WI Neutralizing Index: 89.18%

OK: ECCE = 88.73%

OR Lime Score: 90

Coarse Size

KS: ECC = 88.73%

MN: 1765.76 lbs. ENP per ton MS: RNV = 91%

NC: 2198 pounds of this material equals 1 ton of standard liming material.

TN: RNV = 92.18%

WI Index Zone: 80-89

Meets WV fineness classification for pulverized.

Fineness before Prilling

4 Mesh Sieve	100% Passing
8 Mesh Sieve	
10 Mesh Sieve	100% Passing
20 Mesh Sieve	100% Passing
50 Mesh Sieve	100% Passing
60 Mesh Sieve	95% Passing
100 Mesh Sieve	95% Passing
200 Mesh Sieve	90% Passing

Soil Amending Guaranteed Analysis:

Active Ingredients:

8.00% Lignin Sulfonate (water soluble binder)

0.50% Microbes

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Cellulomonas fimi	720,000 cfu per gram
Cellvibrio gilvus	720,000 cfu per gram
Trichoderma reesei	720,000 cfu per gram
Pseudomonas putida	720,000 cfu per gram
Penicillium bilaii	720,000 cfu per gram
Streptomyces griseus	450,000 cfu per gram
Streptomyces coelicolor	360,000 cfu per gram
Bacillus subtilis	360,000 cfu per gram
Bacillus licheniformis	
Bacillus pumilus	360,000 cfu per gram
Bacillus coagulans	360,000 cfu per gram
Bacillus amyloliquefaciens	360,000 cfu per gram

Inert Ingredients (as a soil amendment).

91.50% Limestone

*Purpose: Microbes decompose organic materials in the soil.

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

Solu-Cal BioCal Revive is specifically formulated to support ideal soil pH. deliver Calcium to promote plant growth, to enhance microbial populations and promote rapid thatch degradation. Application rate depends on your soil test results. In the absence of a soil test, use the following application rates.

Directions For Use. Apply only as directed. TO MAINTAIN OPTIMUM GROWING CONDITIONS AND REDUCE EXCESS THATCH

On turf stands with thatch layers exceeding 1", apply 5lbs per 1,000 sqft. Make initial application once turf is actively growing in spring.

Subsequent Applications: May be applied up to three times throughout the growing season once thatch is at desirable level (late spring & late summer).

For incorporation, after application wet thoroughly for 30 minutes before tilling. For best results, Apply to dry turf. Water in thoroughly. SEE REVERSE FOR SPREADER SETTINGS.

Store in original container in a cool, dry place. This product is not intended as a fertilizer substitute. There are no plant nutrient claims from the Calcium or Magnesium in this product. 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 on the driveway, sidewalk, or street back onto your lawn and garden.

Information regarding the contents and levels of metals in this product is available at the following website: http://www.aapfco.org/metals.html It is a violation of law in Maryland, New Hampshire, New Jersey, and Pennsylvania to apply this product to turf at a rate that results in greater than 0.7 lb per 1,000 sq.ft. of readily available nitrogen or more than 0.9 lb per 1,000 sq.ft. of total nitrogen with a least 20% of which shall consist of slow release nitrogen per application. Additional restrictions apply to total nitrogen applied to turf per season. Other state and local restrictions may apply. In Maryland, do not apply this product at more than 0.7 lbs

In Virginia, no more than 0.7 lb per 1,000 sq.ft. of readily available nitrogen during any given 30 day period. No more than 0.9 lb (cool season grasses) or 1.0 lb (warm season grasses) per 1,000 sq.ft. of total nitrogen with a least 20% of which shall consist of slow release nitrogen during any given 30 day period.

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.

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.



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. Taka 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.

EXPIRATION DATE: THREE YEARS FROM DATE OF MANUFACTURE

Net Wt. 50 lbs.(22.68 kg)

Made in USA F3157 Guaranteed by GROWMARK, Inc. 1705 Towanda Avenue, Bloomington, IL (774) 678-0288