

Sprayable Liquid Calcium Complex



Solu-Cal L[®]

6-0-0 with 8% Ca
Liquid Calcium

Ideal for:

- Turf Spray Programs
- Agricultural Spray Programs
- Hydroseeding
- Fertiligation

contains
INTENSIFY™
Microbial
BioCatalyst

NET CONTENTS
2.5 GAL (9.46 l)

NET WEIGHT 27 LB
(12.40 kg)

Guaranteed Analysis

Total Nitrogen (N).....	6%
Nitrate Nitrogen	
Calcium (Ca).....	8%
Derived From : Calcium Nitrate	

ALSO CONTAINS NON PLANT FOOD INGREDIENT:

Active Ingredients:

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

6-0-0 with 8% Ca Liquid Calcium

Solu-Cal L contains **INTENSIFY™**
Microbial BioCatalyst

Solu-Cal-L is a special formulation of highly soluble Calcium and Nitrogen combined with INTENSIFY™ Microbial BioCatalyst. Solu-Cal-L may be applied to a wide variety of turf grasses (including lawns, athletic fields, and golf courses), greenhouse plants and ornamentals and agricultural crops. Solu-Cal-L mixes with most chemicals in the turf and horticultural industries.

Directions for use: Solu-Cal-L may be applied as a spray application or as a dilute solution via hand gun or boom sprayer application, and may be injected through the irrigation system. Apply with sufficient water to achieve adequate plant coverage especially during periods of low humidity and high temperature to achieve the maximum benefit of foliar fertilization. Always apply in at least 2 gallons of spray solution/sq.ft.

General Turf Spray Programs: Solu-Cal-L may be used as a supplemental calcium source or combined with Potassium sources for a desired fertilizer blend. Rates may vary from 3 - 5 fluid ounces of Solu-Cal-L per 1000 sq. ft. every 7 to 10 days throughout the growing season. Solu-Cal-L is compatible with most sprayable products. Perform a jar test before application to confirm compatibility.

Hydro-Seeding: Per 100 gallons / 1000 sq.ft. in tank mix, add 14.5 fl.oz./1000 sq.ft. (5 gallons/acre) to maintain soil pH, or 29 fl.oz./1000 sq.ft. (10 gallons/acre) to correct soil pH.

300 gal mix 15 gal/tank - maintain pH; 30 gal/tank - correct pH
600 gal mix 30 gal/tank - maintain pH; 60 gal/tank - correct pH
1000 gal mix 60 gal/tank - maintain soil pH; 120 gal/tank - correct pH

Fertigation: Solu-Cal-L may be injected during each irrigation at rates of 4 to 8 fluid ounces per 1000 sq ft. Rates will vary in accordance with the irrigation schedule; use the lower rate in more frequent watering.

Deep Root Feeding: Applications may be made in either the spring or fall. In the spring, apply Solu-Cal-L after the first frost is out of the ground, but before the tree has opened all its leaves. Avoid deep root feeding throughout the heat of the summer. In the fall, wait until the soil temperature is 60 degrees Fahrenheit or less. Suggested rate of application is 2 fluid ounces of Solu-Cal-L per gallon of water every 7 to 21 days. Inject Solu-Cal-L based fertilizer solution 2 to 6 inches deep on a grid pattern 2 to 3 feet apart so that the area below the tree canopy plus 1/3 of the area outside the canopy will be treated.



Warning

Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. May cause cancer. May cause damage to organs (lungs) through prolonged or repeated exposure if inhaled. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Call a 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.

Caution: Keep out of reach of children. In case of contact with eyes, flush immediately with water and contact a physician. Do not take internally.

LIMITED WARRANTY AND DISCLAIMERS:

Solu-Cal-USA Ltd (Seller) warrants that the chemical composition of this product conforms to the chemical description on this label. This warranty is expressly in lieu of all other warranties and representations expressed, implied or statutory, including warranties of merchantability and fitness for a particular use. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of this material not in the strict accordance with directions given herewith. In no case is Solu-Cal-USA Ltd liable for consequential, special or indirect damages resulting from the use or handling of this product that is not in accordance with directions. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or are a refund of the purchase price of the product, at Buyer's option as full discharge of Seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon Seller.

Information concerning the raw materials composing this product can be obtained by writing to the Guarantor listed above, and referring to the batch number found on this container. Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

Agricultural Crops: Solu-Cal-L may be applied via spray equipment or directly through the irrigation system. Apply 3-5 gallons per acre and irrigate in thoroughly. For best results apply in late spring once plant has broken dormancy or new growth first appears.

General Use for All Fruits, Berries, Vegetable and Nut Crops: Apply 2 - 4 quarts per acre per application. Dilute in adequate amount of water for thorough coverage. Pre-bloom and bloom applications may be made and are most effective when soil is low in Calcium. Earlier applications are most beneficial for vegetables and berry crops. Make 6 - 10 applications throughout the season up to harvest or until desired rate has been achieved. Application in every cover spray is the most effective method. An application of 1 gallon per acre in one cover spray can be made anytime from 3 weeks prior to and up to harvest for additional protection in delaying fruit breakdown and disorders in storage.

Apples, Peaches, Pears, Tree Fruit: Begin first application at petal fall. To improve firmness for storage: apply 3 gallons per acre per season. To address Bitter Pit/Corking: apply 3 - 5 gallons per acre per season. Calcium may help to reduce the incidence of Bitter Pit and Corking. In severe cases, the higher application rate should be used for two to three years to increase tree and fruit calcium levels.

Soil Applications for Grain, Vegetables, Onions, and Potatoes: Apply 3 - 5 gallons per acre per season. May be applied via conventional ground equipment, airplane, fertigation systems, or suitable power or handgun sprayers. May be applied alone or as part of a pesticide program. May be applied with a UAN solution.

Trees, Shrubs & Ornamentals:

Soil drench 10 ounces per gallon within dripline.

Annals, Perennials, Roses: Surface drench at 4 ounces per gallon.

NOTE FOR HAND SPRAYERS AND LOW VOLUME SPRAYERS:

Use 3 ounces of Solu-Cal-L per 1 gallon solution. Spray as a mist for good coverage but NOT to runoff.

Apply only as directed. A compatibility test is always advised for each combination before tank mixing. Do not allow to freeze. Do not contaminate water by storage or disposal. Do not apply when temperatures are above 90 degrees Fahrenheit. Do not mix Solu-Cal-L with other liquid fertilizers containing phosphates or sulfates.

NET CONTENTS 2.5 GAL (9.46 l) NET WT 27 LB (12.40 kg)

Guaranteed By:
Solu-Cal-USA Ltd. P.O. Box 278, West Wareham, MA 02576
MADE IN USA