

CASCADE PLUS 16G



DEPTH SPECIFIC SOIL SURFACTANT

ACTIVE INGREDIENTS

Proprietary Blend of Surfactants.....16.0%
Cellulose Complex.....84.0%
Total.....100.0%

NONPLANT FOOD INGREDIENT

CAUTION: KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

Before using this product, read the entire label, including the conditions of sale. May cause skin and eye irritation. Ingestion of large amounts may cause mucosal irritation, dizziness, nausea and possible vomiting.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Give large amounts of water to drink. Induce vomiting and seek medical attention immediately.
If Inhaled: Move user to fresh air and seek medical attention.
If In Eyes: Flush with water for 15 minutes. Seek medical attention, if irritation persists.
If On Skin: Remove contaminated clothing. Wash skin contact area with plenty of soap and water.

GENERAL INFORMATION

CASCADE PLUS 16G is formulated to reduce the effects of Localized Dry Spot caused by hydrophobic soils by increasing both the rate and depth of water infiltration for extended periods of time. Because CASCADE PLUS provides proven performance over hydrophobic soil conditions and localized dry spots for 4-6 months, you'll get what university researchers have known for years--better drainage and deeper, more even root growth for long-lasting improvements in color, quality and stress tolerance. CASCADE PLUS' improved environmental profile and granular formulation makes it suitable for use on all golf courses, sod farms, recreational, commercial and residential turfgrass areas, as well as sports grass playing surfaces and landscape ornamental plantings.

DIRECTIONS FOR USE

Due to the extended length of residual activity of CASCADE PLUS 16G, it is best applied using the **application techniques** described below to avoid risk of temporary leaf tip discoloration caused by certain environmental conditions that may exist at application.

CASCADE PLUS 16G can be applied at any time of the year, using conventional fertilizer spreading equipment, to relieve plant stress caused by hydrophobic soil conditions. Due to the unique chemistry of CASCADE PLUS 16G, it can be used as either a preventative measure against LDS or as a curative treatment later in the growing season.

If CASCADE PLUS 16G cannot be applied according to the **application techniques** listed below, use of the liquid formulation of CASCADE PLUS may be recommended.

APPLICATION TECHNIQUES

Turfgrass: Apply to dry turf only.
Follow applications with a full cycle of irrigation within 24 hours to remove CASCADE PLUS from the granule carrier and into the root zone.
In some instances, it has been observed that the CASCADE PLUS 16G granules may be picked up with reel mowers. If this is a concern, remove the baskets until the granules have been exposed to a full cycle of irrigation or they have worked their way into the turf canopy.

Landscape Ornamentals:
Apply to dry foliage only.
For more consistent water infiltration and utilization in plant beds exhibiting hydrophobic conditions, apply CASCADE PLUS 16G according to the application rates listed below and follow with a full cycle of irrigation within 24 hours.
For soil treatment of blooming plants, follow applications with a full cycle of irrigation within 6 hours to relocate granules caught in the foliage to the soil surface and remove the CASCADE PLUS from the granule carrier.

APPLICATION RATES

Single rate: Apply 7 lbs. (3.175 kg) per 1000 square feet (92.9 m²). This will generally relieve the symptoms of LDS for 4 - 6 months.
Split rate: Apply 3.5 lbs. (1.587 kg) per 1000 square feet (92.9 m²) on 60-day intervals to relieve the symptoms of LDS.

SPREADER SETTINGS

Spreader settings below are recommendations only and should be considered as a beginning point for user calibration. Your results may vary based on equipment, operator, and environmental variables beyond the manufacturer's control. It is strongly recommended that spread pattern and delivery rate be monitored and recalibrated as required.

SPREADER	PATTERN		RATE SETTING	
	Width (ft.)	Setting	3.5 lbs/1000 (1.587 kg)	7 lbs/1000 (3.75 kg)
Scott R-8A	5	4	H 1/2	J
	9	4	I 1/2	L
Lesco	5	Open	C	D 1/2
	9	Open	D	G 1/2
Spyker	11	-	-	5.7

STORAGE AND DISPOSAL

Store in a cool, dry place away from oxidizing agents. Keep bags closed at all times. Dispose of in accordance with federal, state and local regulations.

CONDITIONS OF SALE

Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, Inc. warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated herein and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved.

S P E C I M E N L A B E L

© PRECISION LABORATORIES, INC. Waukegan, IL 60085 USA
For 24-hour technical assistance when using this product in the USA call: 1-800-323-8351
For 24-hour emergency service when using this product in the USA call CHEMTREC: 1-800-424-9300
Cascade is a trademark of Precision Laboratories, Inc.
02/01/2006



1429 S. Shields Drive
Waukegan, IL 60085
847-596-3001
www.precisionlab.com