

# Magnus™

SHALLOW  
ROOTS



## DEPTH SPECIFIC SOIL SURFACTANT

### PRINCIPAL FUNCTIONING AGENTS:

Proprietary Blend of Polymeric Surfactants . . . . .100%  
(Contains less than 1% water)

### NONPLANT FOOD INGREDIENT

### CAUTION: KEEP OUT OF REACH OF CHILDREN

### PRECAUTIONARY STATEMENTS

Before using this product, read the entire label, including conditions of sale. When mixing or applying, wear appropriate personal protective equipment including splash goggles or face shield and impervious gloves. May cause irritation to skin and eyes. Ingestion of large amounts of product may cause mucosal irritation, dizziness, nausea and possible vomiting.

### STATEMENT OF PRACTICAL TREATMENT

**If Swallowed:** Give large amounts of water to drink. Do not induce vomiting. 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 On Skin:** Remove contaminated clothing. Wash skin contact area with plenty of soap and water.

### GENERAL INFORMATION

MAGNUS is a unique soil surfactant designed to keep moisture in the top two inches of the root zone to optimize growing conditions for shallow-rooted turf species or turf experiencing summer decline. MAGNUS may be included in an overall pest control program.

MAGNUS IS DESIGNED FOR USE ON GOLF COURSES, ATHLETIC FIELDS AND RESIDENTIAL OR COMMERCIAL TURF, UNDER THE SUPERVISION OF GOLF COURSE SUPERINTENDENTS, SPORTS TURF MANAGERS OR PROFESSIONAL LANDSCAPE CONTRACTORS.

### DIRECTIONS FOR USE

For best results follow application rates and mixing instructions below. Always mix and apply MAGNUS in accordance with the instructions found on the pesticide label regarding adjuvants. In the absence of specific instructions, follow the application and mixing guidelines below.

### APPLICATION TECHNIQUES

Apply MAGNUS prior to the onset of turf stress or conditions that promote soil hydrophobicity. MAGNUS does not require irrigation after application. However, post-application irrigation may improve results by moving the product through any thatch/mat layer into the root zone. Following application, if irrigation is not planned prior to mowing, remove mower baskets to avoid product loss. In situations where tank mix partners achieve maximum efficacy by remaining on the leaf blade after application, irrigation may be delayed as specified on the tank mix partner's label.

### APPLICATION RATES

Apply MAGNUS at the rate of 4 ounces (118 ml) in a minimum of 1 gallon (3.79 L) of water per 1000 square feet (92.9 m<sup>2</sup>) of turfgrass.  
Apply MAGNUS at the rate of 174 ounces (5.15 L) in a minimum of 44 gallons (167 L) of water per acre (.40 ha) of turfgrass.

### APPLICATION INTERVAL

MAGNUS should be applied every 30 days or when localized dry spot or water-repellent soils become evident.

### MIXING INSTRUCTIONS

Unless prior experience has proven the combination to be effective, compatible and safe on the desired turf species, it is recommended that MAGNUS be applied to a small area of turf to determine results, prior to a large-scale application. When tank mixing MAGNUS, add the products to the spray tank in the following order: 1) products in water-soluble bags (agitate and allow bags to completely dissolve before adding any other products); 2) water dispersible granules (WDG) and wettable powders (WP); 3) MAGNUS; 4) spray markers; 5) flowable liquids or suspension concentrates; 6) emulsifiable concentrates.

### STORAGE AND DISPOSAL

Protect product from freezing. If product freezes, warm to room temperature before use. Store in original container only and do not reuse empty container. Rinse container thoroughly, disposing of rinsate and the container in accordance with federal, state and local regulations. Do not store near heat or open flame.

### CONDITIONS OF SALE

Read the information contained herein before buying or using this product. If the stated terms are unacceptable, 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 product involved.

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