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FOLIAR



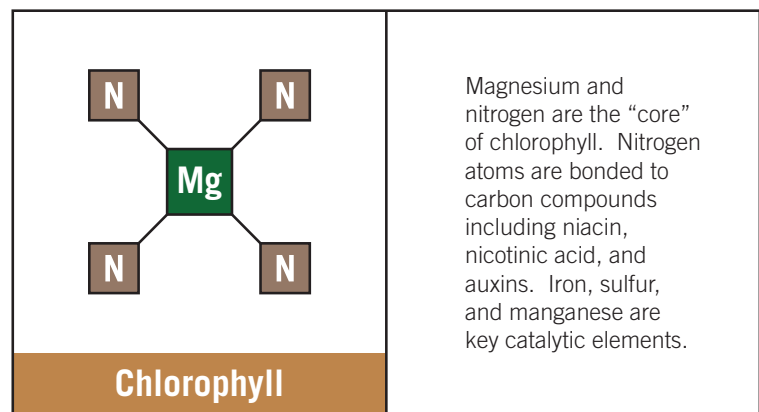
PER "4" MAX 13-0-0

TURF DENSITY

Per "4" Max is a proprietary biostimulant nutrient designed for use on intensively managed turfgrass. *Per "4" Max* contains ascophyllum nodosum and terpenoids derived from natural fermentation processes. Field and university tested, *Per "4" Max* compliments other sound turf management practices to enhance:

- Density and Rooting
- Recovery and Transition
- Vigor and Delayed Senescence
- Leaf Quality and Color

Per "4" Max is designed to sustain turf strength, vigor, and stress resistance. It is a fortified nutrient compound containing balanced, biologically active fermentation materials based on patented technology.



"The (*Per "4" Max* based) treatments definitely improved turf quality in both fertile and unfertile conditions."

Southern Illinois University

topical growth
CH₂O + N(+S) + energy → amino acids



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TECHNICAL INFORMATION

NITROGEN - Essential for chlorophyll production, amino acid production, and protein production.

SULFUR - Enzyme activator for nitrogen.

MAGNESIUM - Component of chlorophyll.

IRON - Catalyst for chlorophyll formation.

MANGANESE - Necessary for nitrogen, phosphorous, and magnesium uptake.

ORGANIC EXTRACTS - Glycomics and amino acids for translocation, antioxidants to neutralize free radical damage, and phytochemical compounds to enhance color and growth.

Amino acids are produced during respiration to sustain living tissue.



NUTRIENT CONTENT

Total Nitrogen (N)	13.00%
13.00% Urea Nitrogen	
Sulfur (S)	2.20%
Magnesium (Mg)	0.50%
Iron (Fe)	2.00%
Manganese (Mn)	1.00%

Derived from urea, magnesium sulfate, ferrous sulfate, and manganese sulfate.

Also contains other naturally occurring fermentation materials, antioxidants, and amino acids.

Net Weight: 10.14 lb/gal
1.215 kg/L

PROFESSIONAL USE GUIDELINES

5

APPLICATION: Apply with any equipment that delivers a fine even spray mist to the target area utilizing 02-04 tips for a total spray volume of 20-40 gpa (200-350 L/ha). Do not water in. Wait at least 2 hours to irrigate.

RATE OF APPLICATION:

Warm Season Grass: At spring dormancy break, apply at the rate of 3 fl oz / 1000 sq ft (10 L/ha). Thereafter, apply at the rate of 1.5-3.0 fl oz / 1000 sq ft (5-10 L/ha) every 10-14 days.

Cool Season Grass: Apply in the spring or fall or when the grass is actively growing. Do not apply to cool season grasses if temperature is 85°F (30°C) or above. Apply at the rate of 1.5-3.0 fl oz / 1000 sq ft (5-10 L/ha) every 10-14 days.

COMPATIBILITY: *Per "4" Max* is tank mix compatible with many systemic fungicides, insecticides, and nutrient solutions. Do not mix with *Astron*. Jar test when in doubt. *Per "4" Max* contains a very high solids content and therefore needs to be shaken intensely to ensure a homogeneous mixture. For best mixing results, remove tank strainer prior to product addition.



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