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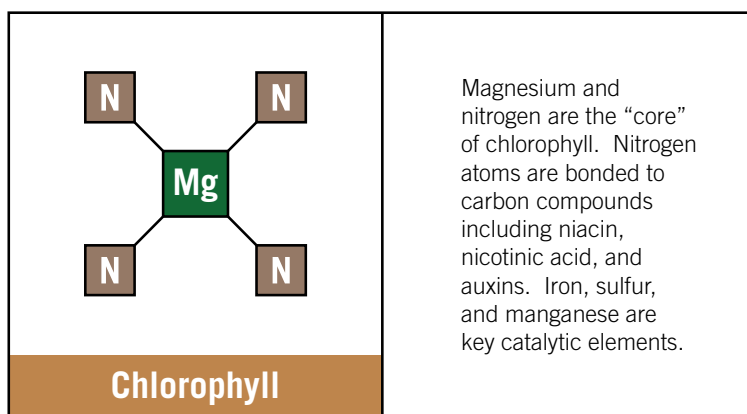
# PER "4" MAX 13-0-0

## 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  
 $\text{CH}_2\text{O} + \text{N}(+\text{S}) + \text{energy} \rightarrow \text{amino acids}$



[www.floratine.com](http://www.floratine.com)

## 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

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**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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