



Knowledge grows

# YaraVita<sup>®</sup> GUARD<sup>™</sup>

A liquid manganese and phosphorus product formulated for foliar application

## Guaranteed Analysis:

Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	7%
Manganese (Mn)	7%
7% water soluble Manganese (Mn)	
Derived from Phosphoric Acid, Manganese Sulfate	

The information provided is accurate to the best of Yara's knowledge and belief. Any recommendations are meant as a guide and must be adapted to suit local conditions.

## Why Foliar Apply?

YaraVita Guard is a unique manganese (Mn) and phosphorus (P) product specifically designed for safe application of nutrients at critical growth stages and to mitigate deficiencies. Together these two nutrients are critical for root elongation and lateral root formation.

## Manganese requirements:

Manganese (Mn) is involved in the function of many enzymes that are important to turfgrass physiological processes. Most notably the detoxification and water splitting enzymes that provide oxygen to form carbohydrates. Mn deficiency reduces chlorophyll content, lignin synthesis and effective nitrogen utilization and could lead to lower resistance to common turf stress factors.

## Phosphorus requirements:

Phosphorus (P) availability in the soil is affected by pH, soil temperature, nutrient interactions and overall mobility. P is involved in the energy transport system within turf known as ATP and is used to drive many chemical processes that are important for ensuring healthy turf during high metabolic activity and to encourage recovery from turf stress.

## Application

### Turfgrass:

0.5 to 1.1 fl oz per 1000 sq ft in a water volume of 0.5 to 1.5 Gallons/1000 sq ft every 7-14 days during the growing season based on nutritional requirements.

### Nursery stock/ornamentals:

1 - 2 qts. Per 100 gallon of water. Repeat at 10 - 14 day intervals as necessary. Do not apply during flowering.



## Benefits

- Reduces herbicide stall.
- Formulated for safe application at critical growth stages to satisfy turf requirements.
- Widely tank mixable with other turf sprays, including glyphosate. Visit [www.tankmix.com](http://www.tankmix.com) for details.
- Tested on a wide range of crops worldwide for safety.
- High quality, consistent product. Manufactured to ISO 9001 quality assurance standards.
- Easy to use liquid formulation. Pours and disperses easily and quickly into the spray tank.