



Knowledge grows

YaraVita[®] SYNTHESIZE[™]

A liquid zinc and phosphorus product formulated for foliar application

Guaranteed Analysis:	
Zinc (Zn)	7.5%
Available Phosphate (P ₂ O ₅)	7%

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 Synthesize is a unique Zinc (Zn) 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 growth activation and root elongation.

Zinc requirements:

Zinc is an essential nutrient involved in several metabolic processes; most notably protein development and carbohydrate synthesis. It is needed for both early plant development as well as the later stages of growth. Zinc is important in the synthesis of certain plant hormones and auxins for promoting growth. On closely mowed turf, deficiency symptoms can appear as desiccation and become a detriment to turf health.

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 - 1.5 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 for details.
- Proven, reliable performance. Tried and tested on a wide range of turfs around the world.
- 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.