

A liquid solution of phosphorous, potassium, and magnesium.

GENERAL INFORMATION

- **Nutricore Meta • Phos** is an excellent source of foliar phosphorous, magnesium and potassium.
- **Meta • Phos** is quickly and safely taken up by the plant and is widely tank mixable for co-application with all Nutricore foliar fertilizers.
- **Metaphos** is formulated to address deficiencies in phosphorous and to increase biological energy metabolism.

PHOSPHOROUS:

Phosphorous plays an integral role in energy metabolism and is an essential element of all living cells. In plants, phosphorous is an essential part of photosynthesis, and the synthesis of DNA and RNA. Actual concentrations of soluble phosphorous in most soils are relatively low. At neutral Ph, phosphorous forms insoluble complexes with aluminum (Al) and iron (Fe), while in basic soils, calcium and magnesium will precipitate the phosphorous. Because insoluble phosphorous is slowly released into the soil solution, phosphorous availability in calcareous soils is always limited. The phosphorus requirement for optimal growth is in the range of .30% to .50% of the dried tissue. Plants with good phosphorous levels have healthy, fibrous roots. Visual signs of deficiency include purplish mature leaves progressing to a reddish tinge.

METAPHOS:

Metaphos is formulated with Magnesium (Mg) and Potassium (K) to improve biological energy metabolism. Magnesium aids in the use and mobility of phosphorous. Potassium is closely coupled to metabolic activity in plants including the synthesis of carbohydrates, proteins, amino acids, and ATP. Metaphos can be applied at lower rates as part of a foliar maintenance program.

GUARANTEED ANALYSIS

Phosphorous (P)	29.0%
Potassium (K)	5.0%
Magnesium (Mg).	4.0%

DERIVED FROM:

Phosphoric acid, magnesium oxide,
potassium carbonate

APPLICATION RATES:

Warm and Cool Season Turf: Apply product at a rate of 1-2 oz. per 1000 sq. ft. (26-52ml per 100 sq. m) every 21 days or as needed.

Packaged in 2 x 10 litres, 2 x 2.64 Gallons.

Net wt. 29.4 kg, 64.6 lbs.



Meta•Phos 0-29-5(4)

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FEATURES:

Phosphate

0-29-5(4)

High level of Safety

Tank Mix Compatibility

BENEFITS:

An excellent source of foliar phosphate with rapid penetration and absorption.

Formulated with potassium and magnesium to improve the use of phosphorous in energy reactions such as the synthesis of ATP.

Meta•Phos is safe for use on fine turf and ornamentals.

Compatible with most pesticides, water soluble fertilizers and with all Nutricore products.

DIRECTIONS FOR USE:

- **Meta•Phos** is recommended in conjunction with a **Precision Nutrient Program™** that includes an assessment of need from analytical data
- Foliar products are best applied in the early morning or evening for better absorption into the leaf tissue.
- A jar test is recommended when mixing with other chemicals.
- Apply product with a minimum of one gallon of water per 1000 sq. ft. (5 litres per 100 m²).
- Allow product to dry on leaf completely before irrigating.
- Product requires gentle agitation before use.



Fertilizer with a Purpose™