

OMEX pHortify

Product Information

Function: Phosphorous is essential to all plants for optimum yields. Base phosphatic fertilisers often fail to supply the crop with sufficient phosphorous. Factors such as soil type, soil moisture and soil pH can interrupt the supply of P to the crop, especially at critical periods during the development phase.

Omex pHortify consists of two highly available phosphorous sources with chelated manganese and zinc. The high solubility of pHortify allows for exceptionally rapid P uptake and absorption when applied as a foliar application.

Conventional phosphate products will be mobilised in the plant through the xylem. Omex pHortify will however translocate P through the phloem and the xylem and thereby supplying essential phosphorous to the root zone and crop canopy.

Description: Fully water soluble phosphorous source.

Analysis of Omex pHortify

Wt/Vol Wt/Wt

Phosphate P₂O₅ 59.00% P 37.00%

Potassium K₂O 40.00% K 25.00%

Zinc (EDTA) Zn 0.30% Zn 0.20%

Manganese (EDTA) Mn 0.30% Mn 0.20%

Phosphorous Acid Equivalent: 300g/ℓ

Directions for use: The spray tank should be filled with half of the required amount of water. After shaking the container, measure the required amount of Omex pHortify and add to the tank whilst maintaining constant agitation. Add remaining water to correct dilution. Spray.

Dilution: Recommended water rate is 500 – 1500 litres per hectare.

Always shake the container before opening.

Observed benefits from applying pHortify

1. Improved plant nutrient health and diseases resistance
2. Improved rooting action.
3. Increased fruit set.
4. Higher solids content.
5. Increased yield.
6. Post harvest quality enhancements.
7. Improved foliar uptake of cations (i.e. K, Ca, Mg, Mn)
8. MKP and Potassium Phosphite

9. Fungicidal activity against Phytophthora, Pythium, Mildews, Brown Rot.
10. Enhancement of the plant's natural defence mechanisms.

Recommendations for use:

Apples, Stone Fruit, Berries & Tomatoes:

Available Phosphorous: For increased firmness and long-term storage, or shelf life.

Apply 8 - 12ℓ / hectare at the start of colour development.

Apply 2 – 3 applications of 4ℓ / hectare.

Available Potassium: For colour development and increase of sugars.

Fruit, Vegetables and Ornamentals:

Apply 400 – 600mℓ / 100ℓ water.

Tank Mixing Compatibility:

Omex pHortify is compatible with most, but not all, pesticides, growth regulators and micro-nutrients with regards to physical tank mixing and biological effects on the crop. However, Omex cannot accept any liability for any loss or damage as not all pesticides have been tested and because of efficacy of any mix will depend upon, among other factors, the pesticide concerned, crop conditions, growth stage, weather, and volumes of water used.

Precautions:

Omex pHortify should be stored in frost free conditions with optimum storage range between 5-40°C. Omex pHortify is a non-hazardous and non-flammable foliar fertiliser. Gloves and face shield should be worn when handling the concentrate