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Natural Organic Solutions

Product Information Sheet

OMEX PHYTA

Phyta is a dual purpose nutrient supplying macro elements Potassium and Phosphorous as well as Zinc and Copper. The phosphorous is in the phosphite form, which is highly systemic throughout the plant. Phyta is chelated with organic acids. This formulation stimulates active healthy growth in a range of crops to maximise their resistance to a range of diseases including downy and powdery mildew, botrytis, phytophthora and pythium.

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.

Conventional phosphate products will be mobilised in the plant through the xylem. Omex Phyta 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 Phyta

		Wt/Vol	Wt/Wt
Phosphorous	P ₂ O ₅	24.70%	180g/kg
	P	10.80%	79g/kg
Potassium	K ₂ O	21.90%	160g/kg
	K	18.20%	133g/kg
Zinc	Zn	1.12%	8.2g/kg
Copper	Cu	0.64%	4.7g/kg

Phosphorous Acid Equivalent: 270g/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 Phyta 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 Phyta

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. Potassium Phosphite and Zinc, Copper
9. Fungicidal activity against *Phytophthora*, *Pythium*, Mildews, Brown Rot.
10. Enhancement of the plant's natural defence mechanisms.

Recommendations for use:

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Fruit, Vegetables and Ornamentals:

Apply 200-400 ml / 100l water.

Home and Garden 50 ml / 10 l water

Tank Mixing Compatibility:

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