RAPID PZM

RAPID PZM combines phosphorus, zinc and manganese in plant available form. Formulated to increase photosynthesis and sugar loading to phloem whilst supplying significant levels of zinc and manganese. **RAPID PZM** stimulates root exudation to unlock phosphorus and trace elements in alkaline soils.

Rapid PZM is a product with 5 essential nutrients designed for the horticultural market. **Rapid PZM** contains zinc, manganese, sulphur, magnesium and phosphorus, the latter two being most important for flower bud development, and vitality and increased resistance to drought and frost.

Rapid PZM does not contain copper. This allows for a higher rate of **Rapid PZM** use in horticulture where copper sprays are used frequently. This is important since copper, when applied frequently as foliar or accumulated at high levels in the soil, is well-known to cause toxicity due to its power of stealing electrons during photosynthetic electron transport and generation of Reactive Oxygen Species (ROS).

Rapid PZM Application Rate L/Ha

Water Rate (L/ha)	100L	to	500L
Rapid PZM (L/ha)	2L	to	5L

Rapid PZM Optimum Dilution Range

Rapid PZM	50X	to	100X

* ***Wetter*** *should be added (as per manufacturers specifications) if it is not contained in other products used in the tank mixture.*

* ***Water rate*** *should be adjusted to suit conditions.*

Rapid PZM utilizes the chelating power of phosphate, citrate and EDTA to keep zinc and manganese in chelated form. The citric acid component also assists with chelation of calcium in hard water by maintaining trace element stability in tank mix under these conditions being often found in horticulture and viticulture.

The energy-yielding potential of **Rapid PZM** and its phosphorus stimulating role in plant metabolism increase active exudation of citric acid and amino acids by the roots which increases the crop response beyond that expected due to its stimulating effect on rhizospheric bacterial multiplication and functions.

Rapid PZM Features

The ionic form of phosphorus and zinc used is rapidly taken up by the leaves and is rain-safe within hours. Rapid PZM goes to work quickly and effectively.

The Rapid PZM EDTA chelate components facilitate phosphorus, zinc and trace element mobility and transport within the plant to ensure that the plant can utilise the zinc and phosphorus as and where required.

Rapid PZM keeps the nutrient balance of the new growth by making trace elements mobile in the phloem tissue.

The phosphate in Rapid PZM stimulates metabolic reactions and increases the crop response beyond that of the trace element effect.

Analysis

Phosphorus (P)
Sulphur (S)
Magnesium (Mg)
Zinc (Zn)
Manganese (Mn)

SG

Rural Liquid Fertilisers

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