Organica

Rapid-Phos

Extremely Fast Phosphorous Uptake

*Foliar Absorbable As fast as Nitrogen

Pat.App.

Rapid-Phos : Advanced Molecular Phosphorous Cloaking Technology allows direct fast absorption though flowers, foliage and roots made possible using Tekno Ag-Bio Pat. app., molecular cloaking technology. When absorbed, the cloaked Phosphorous is released from the cloaking compound into the tissue and sap. Phosphorous is then rapidly osmotically translocated throughout the plant via the xylem into plant cells to satisfy Phosphorous demand when Phosphorous is required to be the dominant nutrient, specifically when the transition from high Nitrogen levels to include high P levels when fruit and flower growth stage requires a higher Phosphorous supply. Leaf tests will confirm P levels will increase overnight .Particularly important after wet periods when Rapid P reduces the crops resistance to post rain event levels in Phosphorous deficient crops to increase P by 5% (in melons) within 24 hours. Rapid-Phos is readily absorbed directly into certain fruit.

Phosphorous is not normally absorbed and travels very slowly through the plants xylem. This slow absorption often leads to an imbalance between P and other important nutrients such as Calcium. Rapid P has been deigned for all crops that require **Phosphorous** and Potassium to be available at a fast rate of absorption.

Rapid– P Phosphorous is molecularly cloaked by a (pat.app.) process where protein molecular derivatives bond to the Phosphorous molecules resulting in a cloaked form of Phosphorous. This cloaking effect fools the foliage or fruit into accepting the cloaked Phosphorous Molecule resulting in a more efficient , faster nutrient uptake into the plant. Once Rapid– P is absorbed, the plant utilises the cloaking compound as Nitrogen and releases the Phosphorous into the plants tissue.

Rapid-P was specifically designed to be mixed with Organica Amino-Cal + When combined the Phosphorous and Calcium molecules are both cloaked and quickly absorbed, whereas if a standard Phosphorous spray was used the Calcium cloak would destabilised . The cloaked Phosphorous will then regulate the absorption of other nutrients across plasma cell membranes, strengthen plant cell wall strength and permeability when the plant is in rapid growth and reproduction phase. Nitrogen metabolism and Carbohydrate translocation is also significantly improved by tha additional K component of Rapid Phos within the Rapid Phos formulation .

Exclusion of liability: This product as supplied is of a high grade and suitable for the purpose for which it was expressly intended. No responsibility is accepted by the manufacturer or its agents in respect of this product, except for the replacement of this product if found to be faulty. No responsibility is accepted by the manufacturer or its

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RAPID-P

The only true form of Phosphorous rapidly absorbed by Fruit, Nuts, Berries Tree crops and Melons

DIRECTIONS FOR USE:

Pre-Plant	Under seeds 1:500 L water
Fertigate	5 litre Rapid-P per Ha.
Foliar	1-3ml. Per litre
Boom Spray	3 litre/ Ha. In min 2000L water

Sore in a cool place out of direct sunlight. Store below 50°C

Spectacular results from Rapid-Phos

Phosphorous 25.5% Plant available

Potassium 15% w/v Plant available

Features and Benefits of Rapid-Phos

*Quickly absorbed *Most Suitable for foliar application *Optimises water management by reducing transpiration. **Reduces:** Deformation in Watermelons, leaf tip burn in cucurbits and lettuce, Brown rot in potatoes, bitter pit in apples, splits in stone fruit, when combined with Rapid-Cal

Protects: Against harvest and post harvest damage and bruising, extends shelf life ,sugar content fruit, nut and Berry adhesion during stress by increasing cell wall strength between fruit and tree. ***Cost effective** *1-2 Pre harvest applications significantly improves post harvest disease resistance and shelf life. *Organic Certifiable.* Use a wetting agent sufficient to get full coverage.

Spray early morning Late evening using a fine mist nozzle in light wind .There should be little runoff.

WARNING!! Do not mix with any other products. Check with Organica representative for compatibility.

Distributed by

Manufactured by
Organica Australia Pty Ltd. Brisbane, QLD
Ph: 07 3290 5441