

# P PHLOEM™

ORGANICALLY COMPLEXED LIQUID PHOSPHORUS

( N% - P% - K% - S% )  
( 0 - 7 - 0 - 0 )

## NUTRIENT ANALYSIS

Element	% W/V	g/ℓ
Phosphorus (P)	7.70	77.0

pH = 4.0 ± 0.2

SG (@ 20°C) = 1.16 ± 0.02



Batch number:

Date of manufacture:



Agri Technovation Ltd  
27A Wicklam Lane,  
Greenhithe  
Auckland 0632  
09 954 5411  
[info@agritechnovation.co.nz](mailto:info@agritechnovation.co.nz)  
[www.agritechnovation.co.nz](http://www.agritechnovation.co.nz)  
**Manufactured in New Zealand**  
New Zealand Poison Hot-line number: 0800 764 766



# P PHLOEM™

## GENERAL INFORMATION

P PHLOEM™ is an organically complexed source of phosphorus for optimal uptake. Use P PHLOEM™ as advised by your qualified agricultural advisor. Directly contact your qualified agricultural advisor for any additional information or guidance required concerning the use of this product. For optimum results P PHLOEM™ should be used in combination with optimum agricultural crop improvement practices.

## DIRECTIONS FOR USE

- Avoid applications under extreme conditions, such as temperatures above 30°C, wind speeds exceeding 15 km/h or when plants are wilting
- For improved uptake, apply early in the morning or evening, and avoid application during the heat of the day
- Wear suitable protective clothing
- Optimum results with this product are obtained if the pH of the tank mix is between 5 and 6
- Keep container closed when not in use

## COMPATIBILITY

It is advisable to consult with a qualified agricultural advisor.. It is required to do a miscibility test prior to mixing with other chemicals.

However do NOT apply P PHLOEM™:

- In a mix with amine herbicides
- In combination with copper containing fungicides, sulphates, phosphates or phosphonates
- Within 14 days after application of any copper fungicides or within 7 days before or after copper application
- With calcium and magnesium containing products
- In combination with highly alkaline material such as lime sulphur, MCPA or highly alkaline boron products or any product with organic material
- Do not apply on wet fruit. Application can only take place once the fruit is dry.
- Do not apply to plants that are undergoing a period of moisture or heat stress, or during cool wet conditions

User assumes full responsibility to ensure compatibility when tank mixing with other products. Water quality testing is advisable to ensure full compatibility and optimal product performance.

## MIXING

Shake well before use. Never apply P PHLOEM™ undiluted. Follow standard tank mixing procedures. Ensure good agitation throughout application. Do not store mixed product.

## WARNING

Avoid contact with eyes. Keep out of reach of children. Do not swallow. If swallowed seek medical advice. The spray from this product may act as an irritant. Avoid inhalation and contact with the eyes and skin. Users are encouraged to seek further advice.

## CAUTION

Do not store in direct sunlight. Store the product inside at room temperature. This is a blended fertiliser in which some segregation of the ingredients may occur that may lead to some variation from the stated analysis.

## CONDITIONS OF SALE

Although this product has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic conditions as well as method, time and accuracy of application. Every care is taken during the manufacture of this product. However, as environmental conditions can vary considerably, the manufacturer, importer and/or its agents do not accept any responsibility for any injury, damage, loss, and/or any other detrimental effects or consequences following the misuse of this product.

## APPLICATION RATES

Crop	Maximum Rate per Hectare	Maximum Rate per 100 L water	Additional Information
Citrus	6 - 9 ℓ	200 - 300 ml	Can be applied before flowering; when new flush/flower buds occur. Apply 4 weeks after 100% petal fall and again 6 weeks before harvest.
Table grapes	4 - 6 ℓ	200 - 300 ml	Apply at 20 cm shoot growth and again post-harvest.
Climbing vines	3 ℓ	1 000 ml	Spray 3 weeks after emergence and again 6 weeks later
Cucurbits and cabbage crops	5 ℓ	1 000 ml	Spray 3 weeks after emergence and again 6 weeks later
Tomatoes	4 ℓ	1 000 ml	Spray before flowering
Potatoes	4 ℓ	1 000 ml	Spray 3 weeks after emergence, then 6 weeks after emergence, then 9 weeks after emergence
Onions	4 ℓ	1 000 ml	Spray 3 weeks after emergence, then 6 weeks after emergence, then 9 weeks after emergence
Lettuce	3 ℓ	1 000 ml	Spray 3 weeks after emergence and again 6 weeks later
Carrots	4 ℓ	1 000 ml	Spray 3 weeks after emergence and again 6 weeks later
Peppers and peppadews	4 ℓ	1 000 ml	Spray two weeks after transplanting and again 4 weeks after
Spinach	4 ℓ	1 000 ml	Spray 3 weeks after emergence and again 6 weeks later
Sunflower	5 - 7 ℓ	2 000 - 3 000 ml	Spray at V4 - V8 at star stage
Maize	5 - 10 ℓ	2 000 - 3 000 ml	Spray at the V4 - V8 stage
Soybeans, sugar and white beans	5 - 10 ℓ	2 000 - 3 000 ml	Spray 2 weeks before R1 stage

\*Maximum rates are dependent on crop size