

ZINC PHLOEM™

ORGANICALLY COMPLEXED FOLIAR FERTILISER FOR OPTIMISED PHLOEM UPTAKE

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

NUTRIENT ANALYSIS

Element	%W/V	mg/l
Zinc (Zn)	19.0	190 000

pH = 3.4 ± 0.2

SG (@ 20°C) = 1.46 ± 0.02



Batch number:

Date of manufacture:



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



ZINC PHLOEM™

GENERAL INFORMATION

ZINC PHLOEM™ is an organically complexed source of zinc for optimal uptake. Use ZINC 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 ZINC PHLOEM™ should be used in combination with a fertiliser programme.

DIRECTIONS FOR USE

- ZINC PHLOEM™ is formulated for effective and quick plant uptake. Suitable for use in foliar applications and fertigation to prevent and correct zinc deficiencies in plants
- ZINC PHLOEM™ works best when plants are turgid.
- Recommendations should be based on soil and leaf analysis
- Wear suitable protective clothing
- Avoid application under extreme conditions such as temperatures above 30 °C, wind speed exceeding 15 km/h
- For improved uptake, spray in the early morning or evening, avoid spraying in the heat of the day
- Suitable for use in combination with other micronutrients
- Keep container closed when not in use

COMPATIBILITY

It is advisable to consult with a certified agrochemical specialist. It is required to perform a miscibility test prior to mixing with other chemicals.

However do NOT apply ZINC PHLOEM™:

- In a mix with Amine herbicides
- In combination with copper containing fungicides, sulphates, phosphates or phosphonates
- Within 14 days before or after a copper application, and do not apply a copper application within 7 days after an ZINC PHLOEM™ application
- In combination with water sources or products containing calcium or phosphate
- Do not apply to plants that are undergoing a period of moisture or heatstress, or during cool wet conditions

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

MIXING

Shake well before use. Always mix ZINC PHLOEM™ with sufficient quantities of water. Never apply ZINC 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*	Rate per 100 litre Water	Additional Information
Avocado	6 ℓ	300 - 750 mℓ	First application at pre-blossom, second at 100 % petal drop and third application 4 weeks after 100 % petal drop.
Citrus	7 ℓ	350 - 875 mℓ	First application at green bud. Repeat at 100 % petal fall and again at cell enlargement stage.
Kiwifruit	6 ℓ	300 - 750 ml	Apply first application at budbreak and leaf unfolding stage. Further applications at fruit set and cell division stage.
Nut tree crops	4 ℓ	200 - 500 mℓ	Start spraying when suckers reach 1 m in length and repeat every 2 weeks for 3 more times.
Pome and Stone fruit	5 ℓ	250 - 625 mℓ	Apply as full cover spray at bud burst and repeat 2 - 3 times depending on requirements, every two weeks. Apply in 1 500 - 2 000 ℓ of water per hectare after petal drop. Apply one more application after harvest. Do not spray during flowering.
Wine Grapes	6 ℓ	300 - 750 mℓ	Start first application at 3 - 6 leaf phase and again at 50 cm shoot growth.
Pasture	2 ℓ	650 mℓ	Apply at 2-4 leaf stage and later on new growth. In 300 ℓ of water per hectare depending on requirements.

*Maximum rates are dependent on crop size