

IRON PHLOEM™

ORGANICALLY COMPLEXED FOR PHLOEM UPTAKE

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



NUTRIENT ANALYSIS

Element	% W/V	mg/ℓ
Iron (Fe)	7.08	70 800

pH = 2.0 ± 0.2

SG (@ 20°C) = 1.18 ± 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



IRON PHLOEM™



GENERAL INFORMATION

IRON PHLOEM™ is an organically complexed source of iron for optimal uptake. Use IRON 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 IRON PHLOEM™ should be used in combination with optimum agricultural crop improvement practices.

DIRECTIONS FOR USE

- IRON PHLOEM™ works best when plants are turgid
- 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
- Wear suitable protective clothing
- Applications should be 7-10 days apart
- **FOLIAR APPLICATIONS:** Do not exceed a 2% solution (one part IRON PHLOEM™ to 50 parts water). Several applications may be required
- **FERTIGATION / SOIL APPLICATIONS:** Apply as required but do not exceed 10 ℓ/ha per application. Several applications may be required. Do not exceed the recommended application rates
- Keep container closed when not in use

COMPATIBILITY

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

However do NOT apply IRON 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
- In combination with highly alkaline water sources and/or materials or within 7 days before or after a copper application
- With water sources or products containing calcium, phosphorous and/or boron

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 opening. Always mix IRON PHLOEM™ with sufficient quantities of water. Never apply IRON 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
Subtropical fruit	10 ℓ	150 - 250 mℓ	Start first application in the early season and on all new growth in the summer. Two to three applications are recommended depending on requirements. Apply in 2000-3000 ℓ water per hectare.
Citrus	5 ℓ	250 - 350 mℓ	Start first application just before flowering and second application just after 100% petal drop. Two to three applications are recommended depending on requirements. Apply in 2500-3500 ℓ water per hectare.
Grapes	4.5 ℓ	250 - 350 mℓ	Apply as a light cover spray just after harvest. Repeat spray depending on requirements. Do not spray in flower time. Apply in 1000-1500 ℓ water per hectare.
Onions, potatoes	3 ℓ	1 000 mℓ	Apply early in season when enough leaves have developed to absorb spray. Repeat 2 times in 14 day intervals. Spray in 200-500 ℓ water per hectare.
Cruciferae	3 ℓ	1000 mℓ	Apply early in season when enough leaves have developed to absorb spray. Spray in 200-500 ℓ water per hectare.
Tomatoes and other vegetables	2 ℓ	1000 mℓ	Apply at 2-4 leaf stage in 200-500 ℓ of water per hectare. Repeat 3 more times after in 10 day intervals.
Wheat, oats, canola and barley	2.5 ℓ	300 - 500 mℓ	Apply at 2-4 leaf stage. In 100-200 ℓ of water per hectare.
Peacan, macadamias and other nuts	4 ℓ	200 - 300 mℓ	Start first application in the season and on all new growth in the summer. Two to three applications are recommended depending on requirements. Apply in 1000-3000 ℓ water per hectare.
Maize, cotton, sunflower	3 ℓ	300 - 500 mℓ	Start application in early season. Apply 2 sprays at 10 day intervals. Apply in 100-300 ℓ of water per hectare.
Soya beans, greenbeans and ground nuts	3 ℓ	300 - 500 mℓ	Start application in early season. Apply 2 sprays at 10 day intervals. Apply in 100-300 ℓ of water per hectare.

*Maximum rates are dependent on crop size.