

APPLICATION RATES

Crop	Maximum Rate per Hectare	Rate per 100 litre Water	Additional Information
Pome and Stone Fruit	4 ℓ	200 - 500 ml	Apply with bud swell and 75 % leaf drop.
Avocado	6 ℓ	300 - 750 ml	Apply with bud swell & repeat again 2 weeks later.
Citrus	6 ℓ	300 - 750 ml	It is important to spray copper prior to balloon stage, on bearing trees. With young trees copper can be applied from September to March. Spray COPPER PHLOEM™ at 100 - 150 ml / 100 litres of water at bud swell.
Onions, Potatoes	2 ℓ	500 - 650 ml	Apply at 1st spray 3 weeks after emergence, repeat 3 weeks later. Apply in a minimum of 300 litres of water per hectare.
Cruciferae	2 ℓ	500 - 650 ml	Apply 1st spray 3 weeks after emergence, repeat 3 weeks later. Apply in a minimum of 300 litres of water per hectare.
Wine Grapes and Kiwifruit	3 ℓ	150 - 375 ml	Apply at 30 cm growth and again at post harvest.

*Maximum rates are dependent on crop size.

COPPER PHLOEM™



COPPER PHLOEM™

AMINO ACID CHELATED LIQUID COPPER FOR
FOLIAR AND FERTIGATION APPLICATION

NUTRIENT ANALYSIS

Element	%W/V	mg/ℓ
Copper (Cu)	7.960	79 600

pH = 2.9 ± 0.2

SG (@ 20°C) = 1.20 ± 0.02



Technovation

Specialized to succeed

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Manufactured in New Zealand



20L

200L

1000L



GENERAL INFORMATION

COPPER PHLOEM™ is formulated for effective and quick plant uptake. Suitable for use in foliar applications and fertigation to prevent and correct copper deficiencies in plants. Always consult with a certified horticulturalist, agronomist, your crop advisor or consultant.

DIRECTIONS FOR USE

- COPPER PHLOEM™ works best when plants are turgid.
- Avoid application under extreme conditions, such as temperatures above 30°C, wind speed exceeding 8km/h, or when plants are wilting.
- For improved uptake, spray in the early morning or evening, and avoid spraying during the heat of the day.
- Suitable for use in combination with other micro-nutrients.
- Wear suitable protective clothing.
- For optimum results COPPER PHLOEM™ should be used in a programme and in combination with other balanced fertilisers and foliar feeds. Use lower rates as a maintenance spray and higher rates to correct deficiencies.
- **Foliar Applications** - Do not exceed a 2% solution (One part COPPER PHLOEM™ to 50 parts water) in high volume sprays and a 3% solution in low volume sprays (less than 50 l of water per ha). Several applications may be required. It is important to spray copper prior to balloon stage, on bearing trees, as copper residue enhance wind and other physical damages on young fruit
- **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. It is important to spray copper prior to balloon stage, on bearing trees, as copper residue enhance wind and other physical damages on young fruit

COMPATIBILITY

It is advisable to consult with a certified agrochemical specialist. Always perform a standard jar test prior to mixing to ensure compatibility of products to be used in tank mixture.

However do NOT apply COPPER PHLOEM™:

- In a mix with Amine herbicides.
- In combination with copper containing fungicides, phosphates or phosphonates.
- Within 30 days after application of any copper fungicides.
- In combination with highly alkaline material such as lime sulphur or certain boron products.
- Copper should not be mixed with Zinc nitrate or or any other tank mix with a low pH.

Do not store mixed product.

Do NOT mix with calcium containing products.

MIXING

Shake well before use. Always mix COPPER PHLOEM™ with sufficient quantities of water. Never apply COPPER PHLOEM™ undiluted. Follow standard tank mixing procedures.

WARNING

Do not swallow. 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

Avoid contact with eyes. Keep out of reach of children. If swallowed seek medical advice. Do not store in direct sunlight. Store product inside at room temperature.

CONDITIONS OF SALE

Every care is taken during the manufacturing of this product. However, as environmental conditions can vary considerably, no responsibility can be taken by the manufacturer, importer or his agents for any injury, damage, loss or any other detrimental effects following the use or misuse of this product. Should this product not meet your expectations, please contact your fertiliser supplier before use. Before using this fertiliser product seek appropriate agronomic advice.

Product information and crop recommendations provided on this label are only valid for New Zealand.

New Zealand Poison Hot-line number:
0800 764 766



Batch number:

Date of manufacture:

COPPER PHLOEM™



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