COPPER PHLOEM™

LIQUID COPPER FOR FOLIAR APPLICATION

DESCRIPTION
COPPER PHLOEM™ is a liquid copper (Cu), fertiliser specifically formulated with various complexing agents to ensure rapid uptake and assimilation.

KEY BENEFITS
- Single element application to correct copper deficiencies
- Supports photosynthesis, respiration, cell wall stability
- Selected complexing agents ensure effective and rapid plant uptake
- Increases resilience and recovery from biotic and abiotic stress factors
- Can be applied as a foliar or through the fertigation system
- Suitable to be used on a wide range of crops
- Formulated for ease of use

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

Cu - 7.960 % W/V

POSITIONING AND FUNCTIONS
COPPER PHLOEM™ can be used in a wide range of crops to correct deficiencies and to provide copper during plant growth periods that require relative high levels of copper.

Copper is regarded as immobile in plants. Deficiency symptoms, therefore, are more likely to occur in newer leaves and vary depending on the crop. A copper deficiency reduces low temperature tolerance of crops and often occurs in soils with a high organic matter content, excessively leached, coarse-textured with high pH, zinc (Zn), iron (Fe) and phosphorous (P). COPPER PHLOEM™ can be applied to correct copper deficiencies, even in compromised soils, due to the addition of selected organic acids that ensure rapid plant uptake and bioavailability.

Copper is an essential redox-active transition metal for plants and is involved in multiple physiological processes including photosynthesis, respiration and carbohydrate and protein metabolism. It is also required for many enzymatic activities and plays a role in the cell wall formation, production of chlorophyll and the production of seed. Several crops, including citrus and wheat are sensitive to copper deficiencies. COPPER PHLOEM™ can be applied to a wide range of crops to correct copper deficiencies or to support plant requirements during phenological stages that require increased levels of copper availability.

Selected organic complexing agents in COPPER PHLOEM™ not only ensure uptake, but also enhance uptake of other macro- and micronutrients, increasing plant nutrient use efficiency. These complexing agents can also function as plant bio stimulants and support plants during environmental or growth stress events, by maintenance of nutrient uptake and assimilation, ensuring maintenance of plant metabolism. COPPER PHLOEM™ application is recommended whenever copper deficiency is suspected or evident, as well as during bud swell in fruit crops and before balloon stage in citrus.

REGION
NEW ZEALAND

TYPE
Liquid

APPLICATION
- Foliar
- Fertigation

NET CONTENTS
20 ℓ, 200 ℓ, 1000 ℓ

CROPS
- Cotton
- Fruit trees and vines
- Grain crops
- Pastures
- Sugar cane
- Tree nuts
- Vegetables

Product information provided in this document is only valid for use in New Zealand. | 001 © Agri Technovation

Agri Technovation
Specialized to succeed

27A Wicklam Lane, Greenhithe, 0632
Auckland, New Zealand
09 954 5411
info@agritechnovation.co.nz
www.agritechnovation.co.nz