FARM ESSENTIALS

COPPER

ORGANIC* LIQUID COPPER

4.9% COPPER WITH NATURAL CHELATING AGENTS INCLUDING FULVIC ACID & AMINO ACIDS FOR ENHANCED UPTAKE

Essential for optimum protein synthesis & chlorophyll formation

Improve seed formation, increase cell strength & plant resilience

Includes natural plant growth & microbial promotants

Copper plays an essential role in chlorophyll production and adequate levels are critical for optimum plant production. This key element is also critical for improving crop resilience and promoting seed production.

Deficiency symptoms vary between crops but can include leaf yellowing, leaf tip die back and leaf distortion. Now you can address your copper requirements with an ACO Registered Farm Input.

Copper Essentials™ contains 4.9% copper organically chelated with fulvic acid and amino acids. This revolutionary mix of biological chelating agents improves plant uptake and assimilation of copper.

TYPICAL ANALYSIS

Copper (Cu)	4.9%
Total Nitrogen (N) (as organic*)	0.12%
Total Potassium (K) (as organic*)	0.14%
Sulfur (S)	2.55%
Calcium (Ca)	247 mg/L
Magnesium (Mg)	352 mg/L
SG	1.1
pH	2.0 – 3.0
Conductivity	35 – 55 mS/cm
Appearance	Brown Liquid

PRODUCT SIZE: 1 L, 5 L, 20 L, 200 L, 1000 L

PRODUCT CODE: COPESS



NTS
Nutri-Tech Solutions®

Certified Allowed Input
ACO CERT. NO. 456
RESTRICTED

RESTRICTION: This product contains copper. Use is allowed only for a documented or observed need with a plan to avoid copper imbalances. Use outside this context may not be compliant with the Organic Standards.

The FARM ESSENTIALS range is ideal for CERTIFIED ORGANIC GROWERS who are looking to efficiently address nutrient shortages, including specific trace elements.

CROP	FOLIAR SPRAY RATE	FERTIGATION RATE	FREQUENCY
VEGETABLES	0.5 L per 100 L water up to 2.5 L/ha equivalent	3 – 7 L/ha	As required
ORCHARDS & VINEYARDS	0.5 L per 100 L water up to 5 L/ha equivalent	5 – 10 L/ha	As required
ORNAMENTALS	0.5 L per 100 L water up to 3 L/ha equivalent	3 – 7 L/ha	As required
TURF	0.5 L per 100 L water up to 3 L/ha equivalent	3 – 5 L/ha	As required
BROADACRE CROPS	1 – 2 L/ha in 80 – 100 L water, depending on canopy closure	N/A	As required
PASTURE	1 – 2 L/ha in 80 – 100 L water	N/A	As required
SPOT-SPRAYING	25 mL per 10 L water	N/A	As required

INSTRUCTIONS

Stir well before use. Rates and frequencies should be adjusted according to crop monitoring. Where higher water rates are required for good foliar coverage, do not exceed maximum product rate per hectare. Sensitive foliage or plants should be test sprayed prior to full scale application.

Ensure suitable spray conditions (e.g. temperature, humidity, wind-speed), prior to foliar application. Compatibility and/or performance cannot be guaranteed when combined with other products. Jar test for compatibility and spray test on small area before wide-spread use.

STORAGE & HANDLING

Read safety directions before use.

Store in a cool dry area out of direct sunlight. This product has been tested to store safely down to 5°C. Crystallisation or sedimentation may occur below 5°C. Do not pre-mix or store in diluted form. Seal lid/cap immediately after use.

IMPORTANT

NOT COMPATIBLE WITH SOLUBLE CALCIUM OR PHOSPHATE BASED INPUTS.

Avoid spraying close to harvest if produce is susceptible to staining.

NOTE: Product in 1000 L tanks may weigh over 1 tonne. Forklift with 2 tonne lifting capacity is recommended.

SAFETY DIRECTIONS

CONTAINS COPPER COMPOUNDS 10 – 30%.

WARNING: Causes skin irritation and serious eye irritation. Wear eye/face protection and protective gloves (e.g. PVC). Wash hands thoroughly after handling. Take off contaminated clothing and wash before reuse. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and safe to do so. Continue rinsing. If eye irritation persists: Get medical advice. **IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs get medical advice. Do not discard into streams and waterways. Dispose of contents and container in accordance with local and national regulations. Additional information is listed in the Safety Data Sheet.

* This product is allowable for use on farms (or in facilities) certified to the Australian Certified Organic Standard.

*Disclaimer: Any recommendations provided by Nutri-Tech Solutions Pty Ltd (NTS) or its Distributors are advice only. As no control can be exercised over storage, handling, mixing, application or use, or weather, plant or soil conditions before, during or after application (all of which may affect the performance of our program), no responsibility for, or liability for any failure in performance, losses, damages, or injuries (consequential or otherwise), arising from such storage, mixing, application, or use will be accepted under any circumstances whatsoever. NTS recommend you contact an Agronomist prior to product application. The Buyer assumes all responsibility for the use of any NTS products.

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