

Nutri-Key Copper Shuttle™

Chelated copper with backup from all other nutrients reduces copper-based tie-ups.
i.e. Copper-induced zinc deficiency.

Copper is a cell strengthener and seed builder. The Shuttle™ system delivers copper in a highly plant available chelated form. Copper Shuttle™ offers chelated copper in a balanced formulation which covers the full spectrum of background nutrition.

Benefits

- Copper is an important cell strengthener and assists formation for strong, flexible stems.
- Features all of the standard Shuttle™ benefits, including bio-promotion and ongoing chelation.
- Copper is buffered with organics to reduce unwanted damage to soil and leaf life.



PACKAGING

1 L, 5 L, 20 L, 200 L, 1000 L
Product Code: NKCUS



Nutri-Key Copper Shuttle™

Application Rates

Foliar:

Minimum Dilution 1:100

Small Crops, Turf & Vines

1 - 3 L per ha

Orchard Crops

3 - 4 L per ha

Broadacre

0.5 - 1 per ha

Soil Application:

3 - 5 L per ha

Miscellaneous

- Use Nutri-Tech Plant Therapy™ to determine mineral requirements.
- Note: Product in 1000 L tanks may weigh over 1 tonne. Forklift with 2 tonne lifting capacity is recommended.

Storage & Handling

- 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. When combining with other chemicals, add this product to the tank last.
- Store in 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.
- Shake concentrate thoroughly before adding to partially filled tank.
- Shake or stir before use, especially when near empty to dissolve the residue on the bottom of the drum/bottle.
- Do not pre-mix or store in diluted form, and use promptly once opened.
- All foliar sprays perform best when applied early morning or late afternoon.
- **WARNING:** Avoid spraying close to harvest if fruit/vegetables are susceptible to staining.

Typical Analysis w/v

Copper	8.6%
Iron	4100 mg/L
Zinc	1800 mg/L
Manganese	1600 mg/L
Boron	750 mg/L
Molybdenum	120 mg/L
Cobalt	60 mg/L
Total Nitrogen (as organic N).....	0.59%
Potassium (as fulvate)	0.25%
Potassium (as silicate).....	0.04%
Total Potassium	0.29%
Sulphur.....	4.83%
Calcium	90 mg/L
Magnesium.....	630 mg/L
Sodium	4500 mg/L
Silicon	85 mg/L
Carbon (as Shuttle Chelate).....	5.61 %
pH	2 - 3
Conductivity	73 mS/cm
Specific gravity	1.31
Solubility	100 %
Appearance: Brown liquid	

Functions of Copper

- Essential to many enzyme systems, particularly those associated with grain, seed and fruit formation.
- Important for water movement in the plant.
- A key component in many proteins.
- Essential for chlorophyll formation and associated photosynthesis.
- Regulates elasticity, i.e. it has a marked effect on the formation and composition of cell walls. Important for strong, flexible stems.
- Vitally important for root metabolism.
- Helps prevent development of chlorosis and dieback.

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