

NutriCopper Flo

50% Cu

A 50% flowable copper formulation for the correction of copper deficiencies and growth maintenance

Benefits of NutriCopper Flo

- Provides a high level of copper
- Activist formulation provides very effective, rapid uptake as well as sustained release
- Activist-type particle size ensures high plant availability
- Excellent flow characteristics, enabling easy pouring
- Compatible with UAN for down-the-tube applications
- Can be applied with other agricultural chemicals, due to good compatibilities reducing the number of spray applications required

THE ROLE OF COPPER

Copper is crucial to several enzyme systems and cannot be replaced by any other metal ion. It is involved in cell wall formation, electron transport and oxidation reactions. Copper also affects the formation and chemical composition of cell walls which in turn affects lignification and cell wall strength. Copper plays a key role in Vitamin A production.

NOTE: The suggested rates of application are designed for typical Australian conditions and such should be used as a guide only. Each farmer's climatic conditions, water quality, soil types, application processes and practices may differ and therefore necessitate corrections to ensure optimum results. Good agricultural practice requires that application be avoided under extreme weather conditions such as temperatures over 28°C, high humidity, frost, rain etc. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total spray. Where possible, it is recommended that regular leaf (sap) tests are conducted to determine actual plant nutrient availability during each growth cycle. Soil tests at least once per year are essential.

Product Characteristics

pH: 9.5 - 10.5 **Specific Gravity:** 1.49 - 1.51

Analysis	Australia (w/v%)	International (w/w%)
Copper (Cu)	50.0	33.3
Nitrogen (N)	7.0	4.7

APPLICATION

CROP	FOLIAR RATE/ha	FERTIGATION RATE/ha	COMMENTS
BROADACRE: Such as Barley, Canola, Cotton, Grain legumes, Maize, Oats, Rice, Sorghum, Triticale, Wheat & Pasture crops	0.15 – 0.55 in a minimum of 10 - 60 L final spray volume.	0.75– 1 Water injection or down the tube.	Canola: Foliar spray at growth stage one - 4 or more leaves. Repeat at onset of stem elongation. Cereals: Foliar spray four – five leaf to early stem extension Zodok's G.S. 12 -30. Applications post GS30 are not recommended. Down the tube – as directed by your agronomist.
DECIDUOUS TREE CROPS: Such as Apple, Almond, Cherry, Nectarine, Peach, Pear , Pistachio and Walnut	0.2 – 0.5 in a minimum of 100 - 200L final spray volume.	0.1 – 0.5	Apply pre-flowering at lower rates or post harvest at higher rates. Note: Do NOT apply as a foliar to stone fruit as phytotoxicity may occur.
EVERGREEN TREE CROPS: Such as Avocado, Citrus, Macadamia, Lychee	0.2 – 0.5 in a minimum of 100 - 200L final spray volume.	0.1 – 0.5	Foliar spray post harvest onto copper deficient trees. Do not apply during budding or fruit development.
FRUITING VEGETABLES: Such as Capsicum, Cucurbits, Eggplant, Tomatoes, Watermelons, Pumpkins	0.15 – 0.5 in a minimum of 50 - 200L final spray volume	0.1 – 0.5	Best applied when sufficient leaf area present, before fruiting. Fertigate during fruiting to replenish nutrients.
LEAFY VEGETABLES: Such as Endive, Fennel Lettuce, Broccoli, Cabbage, Cauliflower, Kale and Herbs	0.15 – 0.375 in a minimum of 50 - 200L final spray volume.	0.1 – 0.5	Foliar spray 10 – 14 days post emergence . Best fertigated to avoid coverage on edible leaves.
ROOT VEGETABLES: Such as Beetroot, Carrot, Leek, Onion, Potato, Radish, Sweet Potato	0.1 – 0.2 in a minimum of 50 - 200L final spray volume.	1 - 2	Foliar spray, early season or when leaf area is sufficient to intercept spray. Repeat applications every 14 -21 days. Apply with compatible crop protection sprays
VINE and BERRY CROPS: Such as Blueberry, Strawberry, Raspberry, Wine and Table Grapes	0.2 – 0.5 in a minimum of 100 - 200L final spray volume.	1 - 2	First foliar application shoots 10 cm long. Second application prior to flowering. Do not use at <1:20 concentration.
Fertigation rates are dependent on seasonal nutrient demand. Agitate contents well prior to application			
WARNING: DO NOT apply in a tank mix with acidic formulations. Care should also be taken when applying acidic products over the tops of copper residues on plants, as burn may occur.			

 Minimum Dilution: A dilution of 1 : 100 means 1 part product : 100 parts water.

In hot weather, use the higher dilution rate where applicable

WARNING:

DO NOT apply NutriCopper Flo in tank mix with acidic formulations. Care should also be taken when applying acidic products over the tops of copper residues on plants, as burn may occur.

Care should also be taken when applications are made with certain pesticides and herbicides. If the combination has not been used before, ensure a small area of crop is tested prior to widespread usage.