

# Agri-Paste

## Cu



Reg. No. B5852 Act No. 36 of 1947

### FERTILIZER GROUP 2

**READ LABEL BEFORE USE.**  
**KEEP OUT OF REACH OF CHILDREN AND ANIMALS.**

Agri-Paste Cu is a highly concentrated copper containing fertilizer, dispersible in water, for use as a foliar fertilizer to maintain or correct copper deficiencies in plants.



**DANGER**

Copper (Cu) 750 g/ℓ

**SG: 1.99** @20 °C

#### HAZARD STATEMENTS:

Harmful if swallowed.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Harmful if inhaled.  
Very toxic to aquatic life.  
Very toxic to aquatic life with long-lasting effects.

#### PRECAUTIONARY STATEMENTS:

Read carefully and follow all instructions.  
Avoid breathing fumes/mist/vapours

Registered, Manufactured & Distributed by: Rolfes Agri (Pty) Ltd.  
(Reg. No. 1998/013411/07) • 288 Mundt Street, Waitloo, 0184  
Gauteng, RSA. • Tel: (012) 803-0145

#### Emergency contact details

Office Hour Poisoning Helpline  
Rolfes Agri (Pty) Ltd.  
Tel: +27 (12) 803 0145

**Rolfes**  
Agri

#### Spill Response and Transport incidents

Spill Tech, Oil and chemical pollution control  
Tel: +27 (86) 100 0366 / +27 (83) 253 6618  
[www.spilltech.co.za](http://www.spilltech.co.za)

Store at room temperature  
Keep out of direct sunlight • Keep container closed when not in use



LIFT HERE

## PRECAUTIONS:

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read carefully and follow all instructions.
- Avoid breathing fumes/gas/mist/vapours/spray.
- Wash hands and affected area thoroughly after handling. Do **NOT** touch eyes.
- Do **NOT** eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Contaminated work clothing should **NOT** be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective gloves/face protection.
- IF SWALLOWED: Get medical help.
- IF ON SKIN: Wash with plenty of water.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Get medical help.
- Specific treatment (see first aid on this label).
- Rinse mouth.
- If skin irritation or a rash occurs: Get medical help.
- If eye irritation persists: Get medical help.
- Take off contaminated clothing and wash it before reuse.
- Collect spillage.
- Empty all contents from the container by placing it upside down over the spray tank and holding it there for at least 30 seconds. Puncture the rinsed container to render it useless and send to a recycler.

## RELEVANT HAZAROUS SUBSTANCES:

Copper Oxychloride > 60 %, Acrylic Polymer Sodium Salt < 10 %, Polyalkyl Naphtalene Sulphonate < 10 %, and Benzisothiazolionone < 10 %.

## FIRST AID TREATMENT:

- **General Advice:** The symptoms resulting from direct exposure to the product could appear a while after exposure. If there is persistent discomfort, seek medical attention.

- **Eye contact:** Flush eyes immediately with large amounts of flowing cold water for at least 15 - 20 minutes, until no evidence of chemical remains. If irritation persists, get medical help immediately.
- **Skin contact:** Remove all contaminated clothing and shoes. Gently wipe off residual chemical and wash skin thoroughly with non-abrasive soap. If irritation persists, get medical help.
- **Inhalation:** Remove the affected victim from exposure to an area with fresh air. If breathing has stopped, administer artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If irritation persists, get medical help.
- **Ingestion:** If exposed or concerned, rinse mouth thoroughly with large amounts of water and get medical advice.

## DIRECTIONS FOR USE:

- Use only as directed.
- **AGRI-PASTE Cu** is highly concentrated, so it needs to be "dispersed" before being added to the spray tank. For example, add 5  $\text{L}$  of product to 10  $\text{L}$  of clean water and stir until dissolved and then add to the spray tank.
- Do **NOT** apply to plants that are undergoing a period of moisture or heat stress.
- Avoid applications under adverse climatic conditions. **AGRI-PASTE Cu** should preferably be applied early in the morning or late afternoon.
- Make sure all equipment is clean before use, and there are no residues in the tank.
- It is advisable to do a miscibility test prior to mixing **AGRI-PASTE Cu** with other chemicals.
- Ensure good agitation once the mixture is added to the spray tank.
- Consult with your chemical distributor should crop specific programs or any other information be required about the use of **AGRI-PASTE Cu**.
- **AGRI-PASTE Cu** is a highly concentrated paste with uniform particle sizes smaller than 5  $\mu\text{m}$  so it can be used for fertigation, pivot, drip and micro application.
- For optimum results, **AGRI-PASTE Cu** should be used in a program with balanced fertilizers and in combination with foliar fertilizers.
- Contact your **Rolfes Agri** distributor or a **Rolfes Agri (Pty) Ltd** representative to develop a crop specific program in conjunction with the **Absolute Agri Crop Technology**, which is based on leaf and soil analysis.
- In all cases the optimal rates should be determined by soil fertility and soil type as well as crop type and the age of the crop.

## APPLICATION RATES

\* **Important Note:** Never exceed the maximum rate per hectare per crop, as indicated below, irrespective of the water volume per hectare.

CROP	Max Application Rate per Ha	Application Rate per 100 $\text{L}$ Water	RECOMMENDATIONS
GRAPES AND PERSIMMONS	2 $\text{L}$	30 – 65 $\text{mL}$	Start application at 10 cm shoot growth. Repeat 10 – 14 days later. Apply in 500 – 1 000 $\text{L}$ of water/ha.
POME FRUIT Apples, Pears	2 $\text{L}$	30 – 65 $\text{mL}$	Apply with bud swell. Repeat at 75% leaf drop. Apply in a 1 000 – 3 000 $\text{L}$ of water/ha or according to Tree Row Volume.
ROW CROPS Wheat, Barley, Oats, Maize	165 $\text{mL}$	50 – 65 $\text{mL}$	Apply 1 – 2 applications early in the season, when there are enough leaves to absorb the spray. Apply in a minimum of 200 $\text{L}$ / ha water.
STONE FRUIT Plums, Peaches, Nectarines, Olives	2 $\text{L}$	30 – 65 $\text{mL}$	Apply with bud swell. Repeat at 75% leaf drop. Apply in 1000 – 3000 $\text{L}$ of water/ha or according to Tree Row Volume.
SUBTROPICAL FRUIT Avocados, Mangoes, Citrus	2 $\text{L}$	30 – 65 $\text{mL}$	Apply before flowering in September. If necessary, repeat 3 - 4 weeks later. Apply in 1 000 – 3 000 $\text{L}$ of water/ha. Avoid run-off. Do <b>NOT</b> apply if there is fruit on the tree.
SUGAR BEET	165 $\text{mL}$	50 – 65 $\text{mL}$	For best results, apply early in the season when there are enough leaves to absorb the spray. Apply 1 – 2 applications in a minimum of 200 $\text{L}$ /ha water.
VEGETABLES Onions	300 $\text{mL}$	50 – 60 $\text{mL}$	Apply from golf ball size bulbs. Repeat 14 days later. Apply in a minimum of 500 $\text{L}$ water per hectare.
POTATOES, TOMATOES, BEANS AND CRUCIFERAEE	760 $\text{mL}$	55 $\text{mL}$	Apply 1 – 2 applications early in the season, when there are enough leaves to absorb the spray. Repeat every 7 – 10 days if necessary. Depending on plant size apply in 500 – 1500 $\text{L}$ / ha water.