



HYDROCUP 300

Targeted Copper Deficiency Supply

Hydrocup 300 was developed to specifically address copper deficiency. It contains copper hydroxide in high-purity form, essential for photosynthesis and as a catalytic activator. Formulated as a suspension for practical, dust-free application. The product improves yield and protein quality in agricultural crops.

Copper Hydroxide Properties:

Essential trace element for plants

Catalytic functions in plant metabolism (comparable to iron)

- Central to redox reactions and the construction of important enzymes such as:
- Phenolase (mono- and polyphenol oxidase)
- Lactose- and ascorbate oxidase

Application and Dosage:

General: 0.15-0.5 kg/ha in 200-400 L water/ha, depending on deficiency level.

Recommended Crops:

- **Sugar beet:** 0.25 L/ha from 2-leaf stage to 2-nodes
- **Grape (vine):** 2-4x 0.25 L/ha from 3-leaf stage to grape closure
- **Cereals:** 0.25-0.5 L/ha from 2-leaf to knot stage
- **Winter rape:** 0.25-0.5 L/ha from 2-leaf stage to bud stage
- **Corn:** 0.25-0.5 L/ha from 4-leaf stage
- **Potatoes:** 0.25-0.5 L/ha until the last late blight treatment
- **Fruits (stone/stone fruits):** 0.2-0.5 L/ha for yield safeguarding
- **Vegetables (asparagus, cucumbers, carrots, onions):** 0.25-0.5 L/ha
- **Pasture/grassland:** 1-3x 0.25-0.75 L/ha for yield and resistance
- **Cabbage, spices, and medicinal plants:** 1-2x 0.25 L/ha with sufficient leaf mass

Do not apply during flowering.

Mixability:

This product contains copper, so the manufacturer recommends performing a mixing test before use.

Packaging: 5 L (6.25 kg)

Composition:

Inorganic single-nutrient trace fertilizer as a suspension.

Copper (Cu): 22% (300 g/L) as copper hydroxide.

Approved for organic farming.

Technical data: Specific weight at 20° C: 1.25 kg/L

