



Cu-L POLKEL

STRAIGHT INORGANIC MICRONUTRIENT FERTILISER MICRONUTRIENT CHELATE FERTILISER IN SOLUTION



Cu-L POLKEL is a liquid fertiliser based on fully EDTA chelated copper, suited to foliar, fertigation and hydroponics treatments. The totally chelated form ensures high rate of absorption and translocation at leaf and stoma level. Inside the plant, **Cu-L POLKEL** plays a primary role in photosynthesis process to stabilize chlorophyll and other pigments; it is fundamental for essential enzymes synthesis in the respiratory process and for carbohydrates and proteins synthesis. **Cu-L POLKEL** shows excellent efficacy in solving physiological disorders caused by copper deficiency and in increasing the formation and maturation of ears in cereals.

COPPER DEFICIENCY SYMPTOMS :

- Dwarfing, short internodes, chlorosis;
- Narrow and spiraling leaves (curly corn);
- Necrosis of plant top and youngest leaves dropping tendency;
- Difficulties in ear development with empty failures (cereals) ;
- Leaf discoloration and margins rolling;
- Fruits with gummy exudates.

COMPOSITION (w/w)

Water-soluble copper (Cu) chelated by EDTA	%	9
pH interval ensuring acceptable stability of chelated fraction by DTPA		4-9

CHEMICAL AND PHYSICAL PROPERTIES

FORMULATION	liquid	DENSITY (g/cm ³) 20° C	1.25
COLOUR	blue	pH (solution at 1% w/w)	6.5 ± 0.5

21

DOSAGE AND DIRECTIONS OF USE

	Crop	Applications	Dosage by application
FOLIAR APPLICATION	Fruit crops	3-5 during growing cycle	50-100 ml/hl
	Horti crops	2-3 during growing cycle	80-120 ml/hl
	Flowers and ornamentals	1-2 during growing cycle	50-100 ml/hl
	Industrial crops	3-5 during growing cycle	80-120 ml/hl
SOIL APPLICATION	Fruit crops		2-3 l/ha
	Horti crops		2-3 l/ha
	Flowers and ornamentals		1-2 l/ha
	Industrial crops		1-2 l/ha
AS DEFOLIANT	Fruit crops	when 40% of leaves are dropped	12-15 l/ha
	Fruits nurseries	8 days before re-transplanting	20 l/ha
	Industrial crops		15-20 l/ha

HOW TO USE

Cu-L POLKEL is mixable with common pesticides and fertilisers excluding mineral oils. Given the high number of species on which the product works, we suggest performing a test on a limited number of plants before extending the treatment.

PACKING

Bottle	1 l = 1.25 kg	Tank	20 l = 25 kg	Tank (IBC)	1000 l = 1250 kg
Tank	5 l = 6.25 kg	Tank (IBC)	640 l = 800 kg		

