



# Defender **Cu**<sup>®</sup>

## COPPER DEFICIENCY CORRECTOR

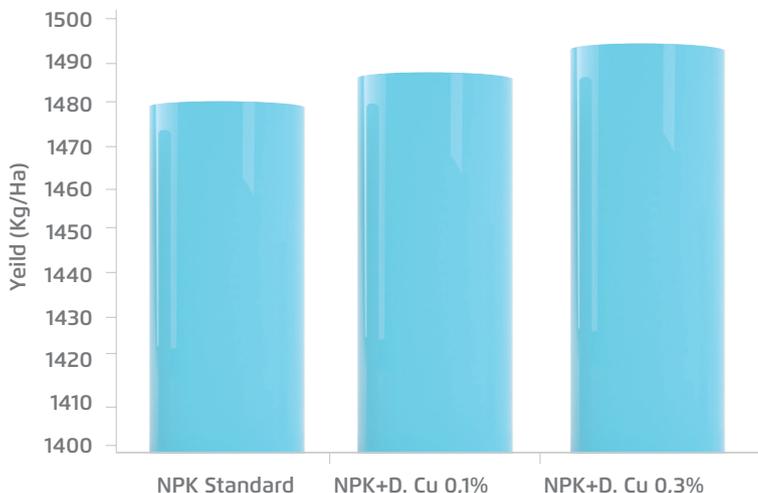
### Benefits of its use

**DEFENDER Cu** is a product developed to prevent and correct copper (Cu) deficiencies for all kind of crops. **DEFENDER Cu** contains copper complexed with lignosulfonic acid in order to facilitate foliar absorption and ensure an optimum efficacy of the product.

Copper is a micronutrient involved in several metabolic pathways and its deficiency adversely affects the photosynthetic rate and carbohydrates synthesis reducing growth, dry matter and crop quality and yield. In addition, copper favours nitrogen fixation and protein synthesis and acts as chlorophyll stabilizer. Copper deficiency visually manifests as necrosis or foliar yellowing. As consequence, an abnormal crop development and coloration is observed.

### Efficacy trials

*Effects of DEFENDER COPPER on the yield of rape crops*  
Variety ALASKA



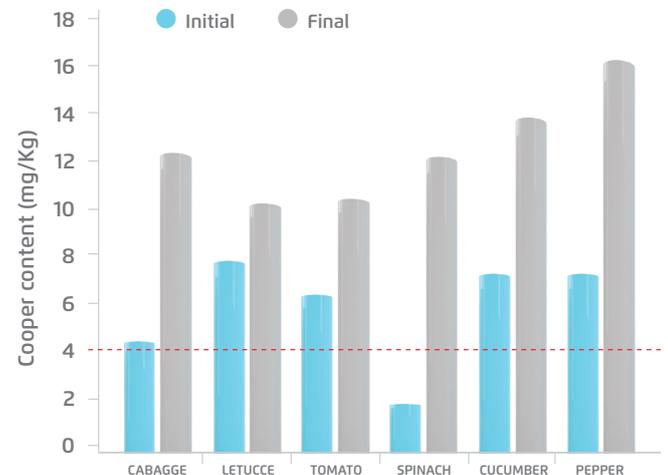
### Composition

(%w/w)

Copper (Cu) soluble in water	4,0
Copper complexed with lignosulfonic acid	3,0

*Copper deficiency correction*

*R+D Laboratory Futureco Bioscience*





## Application system

**DEFENDER Cu** is applied by foliar spray or via irrigation. It is highly recommended for those crops that manifest copper nutritional deficiencies or for those that are specially sensitives to this deficiency.

## Stability and storage

**DEFENDER Cu** is stable during at least 3 years from the manufacture date.

Keep in a fresh and ventilated place with temperatures below 50°C.

Do not store for prolonged periods under direct sunlight. Keep away from children.

Do not eat, drink or smoke while handling this product.

## Dosage

CROP	APPLICATION	DOSAGE (cc/hl)
Vegetables	When copper deficiency symptoms are observed or at moments of maximum necessity of this microelement.	100-120
Grapes and kiwi		150
Stone fruit trees		100-150
Pome fruit trees		
Citric		300
Berries		200-300
Potato		300-400

## Compatibility

**DEFENDER Cu** is compatible with most of plant protection products and nutritional correctors. Do not mix with mineral oils, bentazon, sulfocalcic, clopyralid and diatinon. Special care should be with dosage and the moment of application according to the deficiency level observed. It is recommended to perform a test in a small volume to assess compatibility. For any doubt, please contact your local distributor for technical advice.