



Defender **Active Zn**[®]

ZINC DEFICIENCY CORRECTOR WITH BIOACTIVE MOLECULES

Benefits of its use

DEFENDER ACTIVE Zn is a microgranulated fertiliser for the prevention and correction of zinc deficiencies in all types of crops. Its exclusive formulation in granules with complexed zinc and acid sugars obtained by natural fermentation of wheat extracts, makes it more assimilable by the plant, acting promptly after the first symptoms of deficiency. Zinc is an essential nutrient for the development of crops, and acts at different levels increasing metabolic efficiency and production. Zinc is an essential micronutrient for various plant metabolic functions, since it regulates the activity of a large number of different enzymes.

Processes that are regulated by enzymes where zinc is necessary include chlorophyll synthesis, phytohormone synthesis and the metabolism of sugars and proteins. Zinc also plays an important protective role in protecting cell membranes against oxidation.

DEFENDER ACTIVE ZINC contains antioxidant metabolites and biostimulants originating from the fermentation of the B818 strain, exclusive to Futureco Bioscience, which promotes the endogenous defense mechanisms of the plant against pathogens such as fungi, bacteria and nematodes. In addition, it improves absorption capacity and has chelating effects that increase the availability and assimilation of nutrients.

Efficacy Trials

Symptom of Zn deficiency in cherry tree



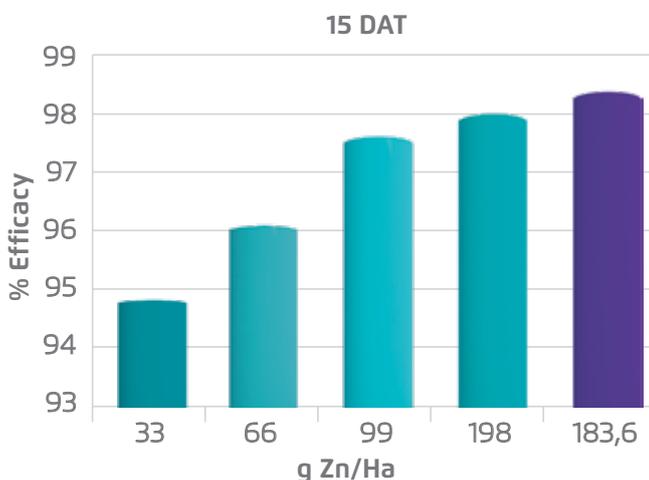
Composition

(%w/w)

Zinc (Zn)	27.0
Magnesium (MgO)	3.0

It contains secondary metabolites from the fermentation of the B818 strain, exclusive to Futureco Bioscience.

Effect of Mg on Zn absorption and efficacy



System of application

DEFENDER ACTIVE Zn is applied by foliar spraying or irrigation, as well as a nutrient solution for hydroponic crops. Recommended to prevent and correct zinc deficiencies in all types of crops.

Stability and storage

DEFENDER ACTIVE Zn is stable for 3 years from the date of manufacture.

Store in a cool and ventilated place.

Do not store for prolonged periods in direct sunlight.

Keep out of the reach of children.

Keep away from food, drink and animal feed.

Dosage

CROP	APPLICATION	FOLIAR DOSE (g/hL)	COMMENTS
Vineyard and kiwi	When zinc deficiency symptoms are observed or at peak demand for said element.	15-50	Preventive and/or periodic applications in varieties susceptible to zinc deficiencies are recommended.
Vegetables			
Cranberries and berries			
Citrus and avocado		15-40	
Pome fruit orchards		20-40	
Stone fruit trees			
Mango		30-50	
Potato and sweet potato		25-50	
Cabbage, cauliflower, broccoli, onion and garlic			
Sunflower		15-40	
Wheat and corn		20-50	

Compatibility

DEFENDER ACTIVE Zn is compatible with most crop protection products and nutritional correctors. It is recommended that a compatibility test be performed in a small volume before applying any mixture with this product. For any questions, please contact your local distributor for technical advice.