

PROPERTIES

Zion is a liquid, acidic formulation of concentrated zinc sulfate monohydrate, in an ionic Zn⁺⁺ form. Thanks to its innovative technology zinc ions remain stable and bioactive until their full absorption by plant tissues.

The main feature of Zion is its good penetration ability after being sprayed on foliage. Zion increases the zinc content in leaves and plant tissues significantly and quickly. Moreover, it does not stain the treated plants and organs.

Zion is used to prevent or control zinc deficiency of plants. This problem occurs frequently in alkaline and calcareous soils with high pH, in calcareous soils with high organic matter as well as in soils which derive from parent rock poor in zinc.

Zinc is deficient in almost half of the world's agricultural soils and is recognized as the world's most critical

micronutrient deficiency in crops, causing yield decreases.

Zinc is needed by plants for growth hormone production and is particularly important for internode elongation. It is a structural component of enzymes which regulate plant metabolism and it is important for the synthesis of carbohydrates, lipids, proteins and nucleic acids.

The typical symptomology of zinc deficiency is light-green, yellow, or white areas between the veins initially of middle leaves, stunting of plants and malformation of fruit. In many cases of marginal zinc deficiency, crop quality and yield may be reduced because of hidden Zn deficiency without obvious symptoms.

Zion delivers zinc quickly and effectively, thus enabling recovery of normal plant development and growth.

METHOD AND TIMING OF APPLICATION, CROPS

Zion is applied on all crops such as vegetables, strawberries, potatoes, legumes, fruit-trees, nut-trees, citrus, kiwis, vines, olives, avocados, arable crops, ornamental plants, grasses (turf), preventatively or curatively mainly during vegetative growth.

It creates homogeneous (without agglomerates) and stable aqueous solution.

It is applied by foliar application up to runoff or with fertigation.

DOSE

Foliar applications: 50-100ml Zion per 100 liters of water, depending on the needs of each crop.

Fertigation: 1-2L per ha.

Repeated applications may be required depending on crop and soil conditions.

Overdose must be avoided.

MIXING INSTRUCTIONS

It can be combined / mixed with the majority of agrochemicals, but not with fosetyl-Al and chlopyrifos.

STORAGE INSTRUCTIONS

Zion should be stored in its sealed package at temperatures above -4°C in a closed warehouse, protected from extreme temperatures, fire and moisture.

Zion[®]
Ionic Concentrated Zinc



FOR PREVENTING - CONTROLLING ZINC DEFICIENCY

1L
Zinc fertilizer

GUARANTEED ANALYSIS (w/v):	
Ionic Zinc (Zn ⁺⁺) as zinc sulfate monohydrate	9.4%
Sulphur (S):	4.7%

IONIC ZINC
ZnSO₄·H₂O

EC Fertilizer

Representative in EU: **AgroCure**
www.agrocure.com

CANADIAN TECHNOLOGY

Manufactured in Malaysia by ENVIRO SAFE SOLUTIONS Sdn Bhd.

ENVIRO SAFE SOLUTIONS Sdn Bhd guarantees the quality of the product, but is not responsible for the consequences of inappropriate use. So, the label must be read carefully before the use of the product.

HAZARD STATEMENTS:

H314: Causes severe skin burns and eye damage.
H410: Very toxic to aquatic life with long lasting effects.

P310: Immediately call a POISON CENTER / doctor.

Poison Center Phone Number: +30 210-7793777
It contains ZINC(II) SULFATE MONOHYDRATE

PRECAUTIONARY STATEMENTS:

P102: Keep out of reach of children.
P264: Wash hands thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear protective gloves / clothing and eye / face protection.
P304+P340: IF INHALED: remove person to fresh air and keep comfortable for breathing.



CAUSES SEVERE SKIN BURN AND EYE DAMAGE



VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS