

# Chelated Zinc in water soluble granular form

For the correction of zinc deficiency in all crops

# Elem-Zn

**Chelating agent**  
**EDTA**

Contains  
14% Zinc



Produced by

**HUMOFERT**



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Net weight : 1 Kg   
5 Kg   
25 Kg

**Elem-Zn** is used for the correction of zinc deficiency in all crops. It contains 15% chelated Zinc (chelating agent EDTA) and is recommended for foliar and soil applications.

Elem and also with solutions containing phosphorus such as liquid foliar fertilizers. It is always recommended to conduct a compatibility test before mixing in the tank.

## APPLICATIONS - APPLICATION PERIOD

Dissolve in the water before mixing in the tank at a rate 1:6 (1 part of powder and 6 parts of water). Mix well until the powder is fully dissolved. Then add the solution in the water that is going to be used for the application.

**Foliar application** : When used foliarly without mixing with other pesticides it is recommended to add a sticking agent in the solution. As to achieve better results, foliar applications should start at the beginning of the season when there is sufficient foliage to absorb the spray.

**Soil application** : Water the roots through drip irrigation or as course low pressure spray around the root zone. After the application it is required incorporation with the surface soil no later than 1-2 hours. The incorporation can be made with hoeing or with a fine watering. **Open field crops** : Apply before sowing or planting between the planting rows or through the drip irrigation system. **Trees & Bushes with deep root system** : Apply around the trunk inside the range of branches, before the beginning of the seasonal growth. **Crops with low depth root system** : Apply in planting rows at the beginning of the seasonal growth. In concrete soils a rotary tillage is recommended before the application.

## COMPATIBILITY

It can be mixed with almost all insecticides, fungicides and pesticides. Furthermore, it is compatible with the rest micronutrients

## APPLICATION RATES

Application rates must be determined according to the type of the plant and the degree of the zinc deficiency.

### Foliar application

**Open field crops** : 1-2 kg in 200-400 liters of water/ha. In cases of severe zinc deficiency, apply again after 2 weeks.

**Vegetables & nurseries** : 0.5-2 kg in 200-400 liters of water/ha.

**Citrus, Apples, Pears, Stone fruits** : 1-2 kg/ha following a program of repeated intensive sprays, (4 applications of 500 g dissolved in 500 l of water/ha).

**Note** : Application rates must never exceed the 1 g/l of water.

### Soil application

**Open field crops, Vegetables & nurseries** : 1 - 5 kg/ha

**Citrus, Apples, Pears, Stone fruits** : 5-10 kg/ha

**Vineyards** : 8 - 25 kg/ha

**Ornamental trees** : 7 - 30 g/tree

**Bushes** : 1 - 7 g/bush

**Strawberries** : 1 - 3 g/plant

## PRECAUTIONS

Keep well sealed and store in its original sealed container. Wash thoroughly your hands after handling. Keep out of reach of children and pets. Store dry and away from strong light. Do NOT apply to crops suffering stress such as extreme temperatures, strong winds. Avoid swallowing and contact with eyes and skin.