

Zn and Mn deficiency corrector

Technology **Complex with gluconic acid**

Bioxy Zn-Mn Bioxy Zn-Mn is a liquid formulation, easily assimilated by plant, used to correct simultaneous deficiencies of zinc and manganese, which appear together in the harvest.

The product combines metabolic activators with zinc and manganese to correct physiological disorder due to insufficient absorption of these microelements. It carry out a specific process for the activation of enzymatic reaction and protein synthesis in the plants.

The feeding foliar facilitates zinc and manganese absorption, transferring these microelements inside the plant. Bioxy Zn-Mn can be applied by means of irrigation and injection systems. Due to the stability and the effectiveness of the complexing agent, it can be applied to calcareous and alkaline soils, ensuring that the microelements are available for the plants. In order to calculate the required dose, it is recommended to realize soil analysis before.

Because of its weakly acidic reaction, the product can be applied through hydroponic systems (harvests or plants that grow in sandy soil, perlite, mineral wool and rock substrate) to regulate the pH of nutritive solution, in order to ensure the stability and assimilation of complexing micronutrients. The use of this kind of complexes improves the nutritional state of plant and avoids the precipitation in recirculation systems.

FERTILIZERS



Foliar feeding



Root application



1 L

5 L

20 L

Application method and Doses

| General application | Dose | Observations |
|---------------------|--|---|
| Foliar | 150-350 cc/hl | 2 or 3 treatments |
| Fertirrigation | 4-8 L/ha | Split 20L/ha in 3 or 4 applications |
| Hidroponics | 3 L/100 m ³ of nutrient dissolution | Apply as appropriate, either in irrigation water or by foliar feeding |

Physical properties

| Formulation | Color | pH (liquid dissolution) | Density (g/cm ³) 20°C | Conductivity E.C. -1% (mS/cm) 18°C |
|-------------|---------------|-------------------------|-----------------------------------|------------------------------------|
| Liquid | Pinkish brown | 3,5 | 1,30 | 0,83 mS/cm |

Composition p/p

| Zinc (Zn) water soluble | Complexed zinc (Zn) | Manganese(Mn) water soluble | Complexed Manganese (Mn) | Complexing agent |
|-------------------------|---------------------|-----------------------------|--------------------------|------------------|
| 4,5% | 4,5% | 2,5% | 2,5% | Gluconic acid |