

Chelated Manganese formulated in water soluble powder

For the correction of manganese deficiency in all crops

Elem-Mn

**Chelating agent
EDTA**

**Contains
13% Manganese**

Produced by

HUMOFERT



1 Ermou & Theotokopoulou str.
144 52, Metamorphosis
Tel. +30 210 284 5891
Fax +30 210 281 7971
E-mail: info@humofert.gr
Web Site: www.humofert.gr



Net weight : 1 Kg ☐
5 Kg ☐
25 Kg ☐

Elem-Mn is used for the correction of manganese deficiency in all crops. It contains 13% chelated Manganese (chelating agent EDTA) and is recommended for foliar and soil applications.

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, the 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 the drip irrigation or as a course low pressure spray around the root zone. After the application it is required to incorporate the product 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 rows at the beginning of the seasonal growth. In concrete soils a rotary tillage is recommended before the application.

APPLICATION RATES

Application rates should be calculated according to the type of the plant and the degree of the manganese deficiency.

Foliar application

Open field crops & greenhouse crops: 1 - 2 kg in 200 - 400 liters of water/ha. In cases of severe manganese deficiency repeat application 2 weeks later.

Fruit tree crops: 1 - 2 kg/ha following a program of repeated intensive sprays, e.g. 4 applications of 500 g dissolved in 300 l of water/ha.

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

Soil application

For all crops : 3 - 4 kg per ha.

COMPATIBILITY

It can be mixed with almost all insecticides, fungicides and pesticides. Furthermore it is compatible with the rest micronutrients **Elem** as well as with solutions containing phosphorus such as liquid foliar fertilizers. It is always recommended to conduct a compatibility test before mixing in the tank.

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.