

Foliar chelated Mg For the fast correction & cure Mg deficiency

Characteristics

Ethylenediaminetetraacetic acid Magnesium-disodium complex; EDTA-Mg Na2 is a stable, water-soluble Mg Chelates;

- Appearance white microgranules
- pH (1% solution) 6 - 7
- Magnesium (Mg) content, 6 %
- Level of chelation fully

Microcare[®]FORT Mg 6 is a stable, water-soluble and non-dusting Magnesium chelate.



Advantages Uses of Microcare[®]FORT Mg 6%

Chelates give best results when crops have adequate supplies of water and major nutrients and are not under stress for any other reason. there are many factors Causing Mg deficiencies, e.g: alkaline soil conditions, and not proper trace element application. The major symptom of deficiency is a reduction in the efficiency of photosynthesis leading to a general decline in dry matter productivity and yield. Magnesium is activator for enzyme system, involved in oxidation-reduction processes - in the reduction of nitrate within the plant.

Symptoms of deficiency: Inter-vein chlorosis, Necrotic spotting, Poor root growth Increased disease risk

Microcare[®]FORT Mg 6 For the fast correction of Mg deficiency in crops and ornamentals growing adversely alkaline soils and calcareous soils, with pH > 7, high contents of carbonate, etc, which has a negative impact on Mg availability in the soil and Mg uptake by plant.

Rates of use

The following dosages can be used as guidance, the rates indicate upper and lower limits. Actual rates used will depend upon degree of deficiency, type and size of crop and environmental factors.

1. Green house Crops

| Crop | Mn Deficient soil / compost | Soiless culture | Foliar application |
|----------------------------|-----------------------------|--------------------|--------------------|
| | For every watering | For every watering | 3 weeks interval |
| Vegetables | 6 g/1,000 l | 4 g/1,000 l | 0.1-0.5 g/l |
| Cut flowers | 5 g/1,000 l | 2-4 g/1,000 l | 0.1-0.5 g/l |
| Potted flowers, pot plants | | 2 g/1,000 l | 0.1-0.4 g/l |

2. Open field crops, arable, fruits and vegetables Crops

| | | |
|---------------------------------------|---------------|--|
| Soil application, arable crops | 2-4 kg/ha | Apply pre-drilling or pre-planting to bare soil in a convenient volume of water, cultivate after spraying |
| Soil application, horticultural crops | 2-4 kg/ha | |
| Apple/Pear | 15-50 g / l | Apply through watering system. Use enough water to wet the top 10 cm of the soil. Use clean water immediately afterwards to wash the copper chelate from the foliage. Or use last 5 minutes the foliar application rate. |
| Wheat | 15-50 g / l | |
| Foliar application | 0.2-0.7 kg/ha | Apply in water volume that gives adequate coverage of the crop (200-1,000 l). Do not exceed the concentration of 0.1%, unless tested. |
| Soybean | 3 X 1 kg/ha | |
| Citrus/ Apple/ Pear | 1-2 kg/ha | |
| Grape | 1-2 kg/ha | |
| Cereals | 1-2 kg/ha | |

Never exceed the recommended application rate. In the case of severe deficiencies, applications may have to be repeated at 7-10 day intervals. Repeat the application as necessary during the growth season.

Foliar application

General

- Spraying should be carried out on a calm day, but not during strong sunshine
- Spraying machines should be fitted with nozzles which produce a fine spray quality.
- The best time is late afternoon or evening, when atmospheric humidity is greatest.

Soil

Microcare[®]FORT Mg 6 chelates, should be injected into irrigation systems at a rate of 1kg per 10,000 litres of water

Packing

Available in 1 Kg cardboard boxes with an inside polyethylene bag. For more information, please contact our distributor in your area or contact us via e-mail: info@adfert.ae

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