

# Magnesium EDTA

Contains EDTA chelated Magnesium in solution equivalent to 3.1% w/v Magnesium.

**FOR USE ON A WIDE RANGE OF AGRICULTURAL AND  
HORTICULTURAL CROPS.**

## **RISK AND SAFETY INFORMATION**

Wash hands before meals and after work.

Store in original container, tightly closed, in a safe place.

Store away from children, pets, livestock and foodstuffs, including animal feeds.

Empty container completely and dispose of safely.

Do not contaminate ponds, waterways or ditches with chemical or used container.

**To avoid risks to man and the environment, comply with the instructions for use.**

Safety data sheet available for professional user on request.

READ CAREFULLY THE DIRECTIONS FOR USE PROVIDED WITH THIS CONTAINER.

## **PROTECT FROM FROST**

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## BARCLAY MAGNESIUM EDTA

### Directions for Use and Timing.

Magnesium deficiency tends to occur under the following circumstances:

1. Low pH soils (<6.0)
2. Soils with a high Potash level
3. Compacted soils
4. Drought conditions

Soil and tissue analysis for Magnesium is a very useful guideline on which to base a treatment programme where soils are very severely deficient in Magnesium. A suitable Magnesium fertiliser should be applied initially and supplemented with a foliar spray of Barclay Magnesium EDTA.

#### Winter cereals

Barclay Magnesium EDTA should be applied using the following programme, where low soil Magnesium levels are present:

- 2 l/ha (1.5 pt/ac) In Autumn/Winter early tillering (Zadoks 21-25) followed by:
- 2 l/ha (1.5 pt/ac) In Spring (Zadoks 32-37) second node to flag leaf.

#### Spring cereals

- Apply:
- 2 l/ha (1.5 pt/ac) When the crop has 4-6 true leaves followed by:
- 2 l/ha (1.5 pt/ac) At first node to flag leaf stage just visible (Zadoks 31-37).

#### Sugar beet

- Apply:
- 2 l/ha (1.5 pt/ac) When the crop has 4-6 true leaves followed by :
- 2 l/ha (1.5 pt/ac) 2-3 weeks later

#### Potatoes

- Apply:
- 2 l/ha (1.5 pt/ac) With the first blight spray, and repeat again with:
- 2 l/ha (1.5 pt/ac) 10-14 days later.

#### Oilseed rape

- Apply:
- 2 l/ha (1.5 pt/ac) From five true leaves up until flowering

#### Fruit crops

- Apply:
- 2 l/ha (1.5 pt/ac) As a foliar spray on susceptible soils as soon as there is sufficient leaf area to absorb the spray.

#### Spraying details

##### Water Volumes

Barclay Magnesium EDTA should be applied in the following water volumes to give good leaf cover and so ensure reliable results:

- Arable crops -200 l/ha  
Fruit crops -500-1000 l/ha

##### Spray quality

Apply Barclay Magnesium EDTA as a medium quality spray (see BCPC Nozzle Selection Handbook). For Sugar Beet application, satisfactory results have been found applying in 80 litres of water/hectare (8 gal/ac using a fine quality spray).

##### Crop stress

If the crop to be sprayed is under severe stress due to factors such as drought, chemical damage or high temperature, Magnesium should always be applied first on its own, and the follow-on product applied 5-7 days later.

##### Compatibility

Barclay Magnesium is based on EDTA and as a result gives the farmer excellent tank mixability. The complete tank mix guide is available from Barclay, or your local distributor. Before using any mixtures or sequences, read the recommendations and precautions shown on all the partner labels.

##### Timing

Barclay Magnesium EDTA is best applied in the early morning or late evening. It should never be applied when the temperature exceeds 25°C.

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