

# Product Data Sheet

## NoroTec™ Magnesium



### FIELD OF APPLICATION

Foliar macronutrient against magnesium deficiency in agricultural crops.

#### Content per litre

54 g magnesium, 105 g nitrogen.  
The content is chelated.

#### Precaution

Avoid contact with skin and eyes. Avoid inhaling the spray-mist. Keep out of reach from children.

#### Storage

Stored in frost free, cool and dry premises. *Storage temperature -0 °C to +30 °C.* Shelf life 2 years.

### FOLIAR APPLICATION DIRECTIONS FOR USE

Magnesium is part of the chlorophyll, the organic substance essential for the photo synthesis of the plant. Magnesium has also other functions in the plants. The greatest need has sugar beets and cereals. Magnesium deficiency gives pale yellow colour, often uneven, so that a spotty patterns occurs with the lightest colour between the nerves. The leaves of cereals will have typical pattern with darker points on lighter bottom. NoroTec™ Magnesium shall be used in an early stage to give the best effect. The lower rate can be used for preventive treatment and the higher at deficiency symptoms. The treatment may need to be repeated. The first treatment is usually done at time of herbicide treatment.

#### Recommended dosage rates and time of application

Crop	Time of treatment	Dosage rate NoroTec™ Magnesium l/ ha	Amount of water l/ha
Cereals	At tillering	1,0-2,0	100-200
Lucerne	At pre flowering or earlier at deficiency	1,0-2,0	100-200
Potato	At cover of the rows and at the end of growing period	1,0-2,0	200-300
Rape seed/ Canola	4 leaves stage-bud stage	1,0-2,0	200-300
Rape seed/ Canola	At stem elongation – before flowering	2 + 1 l Manganese + 1 l Flytande Bor	200-300
Sugar beets	4-6 leaves stage-coverage of the rows	1,0-2,0	100-200

#### Compatibility

NoroTec™ Magnesium is chelated and is therefore compatible with plant protections. Follow always the instruction on the label for the plant protection product. At hesitation check the compatibility in a small pre mix. Contact your local supplier for more information.

#### Preparation and treatment

The sprayer is filled to 2/3 of water and the ingredients are added in the order below. The agitation shall be working all the time.

- Plant Protections according to instructions.
- NoroTec™ Magnesium.
- Add remaining amount of water.

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### Caution

Avoid treatment at extreme climatic conditions as high temperature, frost, rain or when frost and rain are predicted. At sunny weather, the treatment shall be done early in the morning or evening. Don't spray plants covered by water droplets or before a rain. The spray solution shall keep a temperature of min. 10°C. The best effect is obtained if there is no rain within at least 2 hours after treatment.

### Cleaning

Sprayer: Clean the spray equipment before and after the treatment. At mixing with plant protections follow the instructions for cleaning of plant protections.

Empty containers: Wash three times. Wash water to be added to the spray solution. Cleaned empty package to be deposited according to local rules.