

# Product Data Sheet

## NoroTec™ Zinc



### FIELD OF APPLICATION

Foliar micronutrient against zinc deficiency in agricultural crops.  
Micronutrient for foliar and seed application against zinc deficiency and improved root establishment.

#### Content per litre

120 g zinc, 59 g sulphur, 30 g nitrogen  
The content is chelated.

#### Precaution

Harmful if swallowed. Risk of serious damage to eyes.  
Very toxic to water living organisms, can cause harmful effects in the water environment.

Keep out of reach for children. Do not breathe spray mist. Use suitable protective gloves and face protection.  
This material and its container shall be taken care of as hazardous waste.  
Avoid contaminating the environment. Read special instructions/safety data sheet.

To avoid risks for humans and the environment, follow the recommendations.

#### 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

At zinc deficiency the plant has often a bronze colour, the leaves dye from the tip and the flowering fails.  
NoroTec™ Zinc shall be used at early developing stages to obtain the best effect.

Recommendation and time of application

| Crop                | Time of application                                    | Dosage rate<br>NoroTec™ Zinc l/ha | Amount of<br>water<br>l/ha |
|---------------------|--|-----------------------------------|----------------------------|
| Rape<br>Seed/Canola | 4-6 leaves stage                                       | 0,5-1,0                           | 100-200                    |
| Cereals             | 3-4 leaves – tillering<br>Stem elongation DC 37 – DC44 | 0,5-1,0<br>0,5-1,0                | 100-200                    |
| Cotton              | At 4-6 leaves stage                                    | 1,0                               | 100-200                    |
| Corn                | At 4-6 leaves stage                                    | 1,0                               | 100-200                    |
| Lucerne             | Early season re-growth<br>2-3 weeks after cutting      | 0,25-0,5<br>0,25-0,5              | 100-200                    |

#### Compatibility

NoroTec™ Zinc 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™ Zinc.
- 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.

## SEED APPLICATION DIRECTIONS FOR USE

NoroTec™Zinc is applied in a seed treatment machine in a separate dosage system = co-applied with standard seed treatment products \* Tripod, Tripod Plus, Baytan T, Beret Gold, Chinook, Cruiser 350 FS, Dividend, Hypro Duet, Jockey, Kinto, Latitude, Maxim XL, Maxim100 FS, Raxil Star, Raxil T, Redigo Deter and Rovral.

\* For other seed treatment products a test shall be conducted prior to commercial treatment to evaluate compatibility.

**GENERAL:** The operator shall clean the atomizing zone/spraying chamber regularly.

Recommended dosage rates

| Crop   | Dosage rate<br>NoroTec™Zinc<br>litre per tonnes seed |
|--------|--|
| Corn   | 4  |
| Barley | 3  |
| Oat    | 3  |
| Wheat  | 3  |