

# CHELAL<sup>®</sup> NOOR

**EC FERTILISER: NPK(Mg) fertiliser, 6-16-20(2), with boron(B), iron(Fe), manganese(Mn), molybdenum(Mo) and zinc (Zn) for leaf sprays. Blend.**

*Declared content:*

**Primary nutrients expressed as percentage by weight:**

Total nitrogen (N): 6,0 %

Nitric nitrogen: 4,0 %

Ammoniacal nitrogen: 2,0 %

Phosphorus pentoxide (P<sub>2</sub>O<sub>5</sub>) soluble in neutral ammonium citrate and in water: 16,0 %

Water-soluble phosphorus pentoxide (P<sub>2</sub>O<sub>5</sub>): 16,0 %

Water-soluble potassium oxide (K<sub>2</sub>O): 20,0 %

**Secondary nutrient expressed as percentage by weight:**

Water-soluble magnesium oxide (MgO): 2,0 %

**Micro-nutrients expressed as percentage by weight:**

Water-soluble boron (B): 0,6 %

Water-soluble iron (Fe): 0,3 % chelated by DTPA

Water-soluble manganese (Mn): 0,5 % chelated by EDTA

Water-soluble molybdenum (Mo): 0,2 % chelated by EDTA

Water-soluble zinc (Zn): 0,5 % chelated by EDTA

pH range guaranteeing acceptable stability of the chelated fractions: between pH=4 and pH=10

Product low in chloride.

**Recommendations** Do not exceed the maximum concentration of 1 % (= 1 kg CHELAL<sup>®</sup> NOOR in 100 L water). Maximum concentration in greenhouse: 0,5 %. For foliar applications avoid high temperatures and bright sunshine. Treat preferably during early morning or late evening.

**Applications** Consult our crop-related programs.

**Characteristics** CHELAL<sup>®</sup> NOOR is an equilibrated formula containing both major elements and micro-nutrients and contributing to an optimal crop and fruit growth and a uniform fruit size. The Fe, Mn, Mo and Zn in CHELAL<sup>®</sup> NOOR are chelated, while boron is chelated by polyols. This allows the elements to be quickly absorbed and distributed through all plant parts.

**Cautions**

- wash hands thoroughly after handling; do not drink, eat or smoke during handling.
- if swallowed, seek medical assistance.
- in case of contact with eyes, rinse with plenty of clean water.
- store in a cool, dry place, out of reach of children and animals. Always keep the product in its original container.
- store the product at a temperature between 40°F and 90°F (= 5°C - 30°C).
- this fertiliser is to be used only on soil which responds to molybdenum. Crops high in molybdenum are toxic to grazing animals (ruminants).
- this product can be used on most crops as long as maximum dose and concentration are respected. Since it contains boron, injudicious use on monocots (e.g. cereals, orchids, lilies,...) and greenhouse ornamentals may result in serious injury to the crops.

**Miscibility** CHELAL<sup>®</sup> NOOR is miscible with most pesticides and herbicides. Avoid mixing with oil-based products. It is advisable to conduct a miscibility test before application. In case of doubt, consult our technical service.

**Preparation of the solution** Load the sprayer tank ¾ full with water. Pour the product slowly into the tank while stirring. Finally, fill the tank completely. Continue stirring until the solution is applied.

## **Warranty**

The liability of the manufacturer is limited to delivery of the product in its original container in conformity with the guaranteed analysis, as indicated on this label. The manufacturer is not responsible for inappropriate or inaccurate use of the product nor for damage caused by weather conditions, soil characteristics or special sensitivity of crops and varieties. In no case shall BMS Micro-Nutrients be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer and/or user of the product. BMS Micro-Nutrients makes no warranties of merchantability of fitness for a particular purpose nor any other express or implied warranty except as stated above.

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