



# FRUCTOL® NF

## COMPOUND SOLID INORGANIC MACRONUTRIENT FERTILISER

*NPK (Mg, S) fertiliser with micro-nutrients, 6,9-9,1-17 (+4,4 +8,8)*

6,9 % **TOTAL NITROGEN (N)**

5,1 % nitric nitrogen

1,8 % ammoniacal nitrogen

9,1 % **TOTAL PHOSPHORUS PENTOXIDE (P<sub>2</sub>O<sub>5</sub>) (= 4,0 % P)**

9,1 % phosphorus pentoxide (P<sub>2</sub>O<sub>5</sub>) soluble in water and in neutral ammonium citrate (= 4,0 % P)

17,0 % **POTASSIUM OXIDE (K<sub>2</sub>O) (= 14,1 % K)**, water soluble

4,4 % **MAGNESIUM OXIDE (MgO) (= 2,7 % Mg)**, water soluble

8,8 % **SULPHUR TRIOXIDE (SO<sub>3</sub>) (= 3,5 % S)**, water soluble

**poor in chloride**

0,85 % boron (B), water soluble

1,1 % iron (Fe), as chelate (DTPA, EDTA), water soluble

of which chelated by DTPA, 0,25 %

chelated by EDTA, 0,85 %

0,85 % manganese (Mn), chelated by EDTA, water soluble

0,08 % molybdenum (Mo), as ammonium salt, water soluble

0,85 % zinc (Zn), chelated by EDTA, water soluble

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

**Granulometry:** powder. At least 90 % by mass of the product can pass through a sieve with a mesh of 1 mm.

To be used only where there is a recognized need. Do not exceed the application rate.

## Recommendations

Do not exceed the maximum concentration of 0.3 % (= 0.3 kg FRUCTOL® NF in 100 L water). Maximum concentration in greenhouse: 0.2 %.

For foliar applications avoid high temperatures and bright sunshine.

Treat preferably during early morning or late evening.

## Applications

Consult our crop-related programs.

## Characteristics

FRUCTOL® NF is a complete foliar fertilizer, containing NPK, a secondary element (Mg) and chelated micro-nutrients (Fe, Mn and Zn). In addition, FRUCTOL® NF contains boron and molybdenum in a unique formulation that ensures maximum availability of these micro-nutrients to the plant.

FRUCTOL® NF also contains 8.8 % of SO<sub>3</sub>.

FRUCTOL® NF stimulates and regulates crop –development and improves the quality and yield of the harvest. Especially on crops with high magnesium-and boron-demands (horticultural crops, ornamentals, grapes, fruit-trees,...), FRUCTOL® NF will be at it's best.

Magnesium (Mg) enhances phosphorus-assimilation and –transport and is essential for chlorophyll building and photosynthesis. This, of course, will have a direct influence on quantity and quality of the harvest.

Boron (B) is important for flower building, fertility of the flowers and fruit-development. Therefore, boron is crucial for numerous ornamentals and for all crops of which fruits are harvested (fruit-trees, grapes, bell-pepper, cucumber, peas, tomato,...).

## Precautions

- 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 and far away from food products. 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

FRUCTOL® NF is miscible with most pesticides and herbicides. Avoid mixing with oil based products and phenoxyacetates. It is advisable to conduct a miscibility test before application. Consult your extension agent or crop consultant.

## Preparation of the solution

Load the sprayer tank  $\frac{3}{4}$  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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