



# KAPPA Z

## COMPOUND SOLID INORGANIC MACRONUTRIENT FERTILISER *NK (Mg, S) fertiliser with micro-nutrients, 22,5-5,5 (+4,0 + 29,0)*

22,5 % **TOTAL NITROGEN (N)**

5,7 % ammoniacal nitrogen

16,8 % urea nitrogen

5,5 % **POTASSIUM OXIDE (K<sub>2</sub>O)**(= 4,6 % **K**), water soluble

4,0 % **MAGNESIUM OXIDE (MgO)**(= 2,4 % **Mg**), water soluble

29,0 % **SULPHUR TRIOXIDE (SO<sub>3</sub>)**(= 11,6 % **S**), water soluble

**poor in chloride**

0,6 % boron (B), water soluble

0,5 % manganese (Mn), 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 0.5 % (= 0.5 kg KAPPA Z 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

KAPPA Z contains NK, sulphur, magnesium, boron and chelated manganese. KAPPA Z mainly supports the organoleptic qualities of fruits and was in the first place developed for viticulture. The presence of S and Mn in KAPPA Z enhance perfume and taste of the final product. B stimulates the good translocation of the previously mentioned nutrients from leaf into fruit. As key elements in photosynthesis, N and Mg provide energy to alcohol synthesis and fundamental production respectively.

KAPPA Z was developed within a fertilization-strategy exclusively based upon foliar applications. KAPPA Z can also be applied upon fruit-trees, in horticulture and upon cereals.

To obtain the best result, we recommend using one of the complete fertilization-programs of BMS Micro-Nutrients N.V. These programs combine KAPPA Z with KAPPA V, KAPPA M and/or KAPPA G, as well as FRUCTOL® and products of the CHELAL® -range.

Using KAPPA-products decreases considerably the amount of used nutrients compared to traditional fertilization-programs. Therefore, this foliar fertilization almost has no environmental impact.

## 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 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**

KAPPA Z is miscible with most pesticides and herbicides. Avoid mixing with oil based products. 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.

## **Produced by**

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