



CHELAL[®] 3

COMPOUND INORGANIC MICRONUTRIENT FERTILISER *Micronutrient fertiliser in solution, 4,5 % Fe, 1,2 % Mn, 0,5 % Zn*

4,5 % iron (Fe), as chelate (DTPA, EDTA), water soluble
of which chelated by DTPA, 2,25 %
chelated by EDTA, 2,25 %
1,2 % manganese (Mn), chelated by EDTA, water soluble
0,5 % zinc (Zn), chelated by EDTA, water soluble
pH range guaranteeing acceptable stability of the chelate: between pH=4 and pH=10
poor in chloride

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 L CHELAL[®] 3 in 100 L water). Maximum concentration in greenhouse: 0.2 % (= 200 cc in 100 L water).

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[®] 3 allows for a rational and adapted intervention into plant metabolism. After an easy and quick assimilation by the leaves, the product is optimally transported to all plant parts. The chelated form of the three elements present in CHELAL[®] 3 assures a good and swift absorption and translocation and thus avoids their mutual antagonistic effects. CHELAL[®] 3 is well suited to prevent, combat and control iron chlorosis. CHELAL[®] 3 supplies in the first place a substantial amount of iron, but it also supplies manganese and zinc, which are two elements that are normally little available in soils with a high pH value. Plants suffering from iron chlorosis often have to deal with manganese and zinc shortage as well. CHELAL[®] 3 alleviates these 3 deficiencies at the same time.

For additional information concerning the specific functions of iron, manganese and/or zinc in plant physiology, susceptibilities to and related deficiency-symptoms caused by these elements, please consult our technical sheets:

for iron: CHELAL[®] Fe
for manganese: CHELAL[®] Mn
for zinc: CHELAL[®] Zn

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

CHELAL[®] 3 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

Sometimes a light sediment can appear on the bottom of the can. This sediment is soluble in water. Shake well before use. Pour CHELAL[®] 3 into the sprayer tank while filling with water. 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

BMS Micro-Nutrients N.V.
Rijksweg 32 - 2880 Bornem - Belgium
Tel.: + (32)(0)3/899.10.10
E-mail: info@chelal.com

**Authorized in organic production in accordance with EU-regulations
2018/848 and 2021/1165**