



**PRODUCT INFO  
& DATASHEET**

# CHELASTAR MICROMIX CAC

## CHELASTAR CITRIC ACID CHELATED MICRONUTRIENTS

Available in:

- a) 10% Zinc variation
- b) High 10% Iron variation

### 1. PRELIMINARY NOTE

The CAC products perform in exactly the same way as the EDTA chelated materials, however they are more efficient, economical and more environmentally and biologically compatible and friendly.

### 2. PRODUCT DESCRIPTION

CHELASTAR MICROMIX CAC (Citric Acid Chelate) (High Zinc Variation) contains the essential micronutrients copper (Cu) 2.5%, iron (Fe) 5%, manganese (Mn) 2.5% and **zinc (Zn) 10%** and 0.05% B and 0.01% Mo all fully chelated with pure citric acid. CHELASTAR MICROMIX CAC is 100% soluble in water. A foliar or soil applied product for the

prevention and correction of deficiencies of copper, iron, manganese and zinc in all crops.

Also a High Iron Variation: copper (Cu) 2.5%, **iron (Fe) 10%** manganese (Mn) 2.5% and zinc (Zn) 5% and 0.05% B and 0.01% Mo is available.

### 3. APPLICATION

#### Foliar applications:

Cereals, field crops, vegetables and soft fruit:

Foliar applied:	Maintenance dose	Moderate deficiency	Severe deficiency
Rate per hectare:	1 kg per hectare	1.0 - 1.5 kg per hectare	1.5 - 2.0 kg per hectare
No. of applications:	two - three	two - three	two - three
Timing of applications:	3 weeks after emergence and at 2 week intervals	3 weeks after emergence and at 2 week intervals	3 weeks after emergence and again at 2 week intervals

Fruit trees and other permanent crops:

Foliar applied:	Maintenance dose	Moderate deficiency	Severe deficiency
Rate per hectare:	1 kg per hectare	1.0 - 1.5 kg per hectare	1.5 - 2.0 kg per hectare
No. of applications:	three - four	three - four	three - four
Timing of applications:	1st, postblossom / main flowering, and then at 30 day intervals	1st, postblossom / main flowering, and then at 30 day intervals	1st, pre-blossom, 2nd, postblossom, and then at 30 day intervals

#### Water volume:

Trees and bush fruit: 500 - 800 litres water per hectare.

Vegetables and soft fruit: 200 - 600 litres water per hectare.

Aerial application: cotton, bananas, etc.: 50 - 75 litres water per hectare.

Field crops: wheat, rice, maize, etc.: 200 - 400 litres water per hectare.

#### When to spray:

To obtain the best results from your nutrition program, do not apply foliar fertilisers during the heat of the day. Apply during coolest parts of the day: early morning or in the evening.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.



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### **Soil applications:**

**Side banding:** To apply in fertiliser solution as a side band to tow crops, apply 2 - 4 kgs of CHELASTAR MICROMIX CAC per hectare. If applying more than one CAC limit the total amount applied to 10 kgs per hectare.

**Field Broadcast before sowing:** Apply CHELASTAR MICROMIX CAC evenly to field at a rate of 5 - 10 kgs per hectare before final seed bed preparation.

**Via irrigation water:** Apply CHELASTAR MICROMIX CAC at 2.5 - 10 kgs per hectare.

**Soil testing:** Use soil tests as a means of determining if micronutrient levels in the soil are adequate or deficient. Consult your local distributor for advice on the best products to use. We can supply a wide range of granular micronutrients for soil application, which may be used as part of a corrective program on deficient crops.

### **4. COMPATIBILITY**

CHELASTAR CAC's are generally compatible with most chemicals used in crop protection. They may be incorporated into existing spray programs. Add CHELASTAR MICROMIX CAC to water before adding other ingredients. It is always advisable to test for compatibility on a small scale (jar test) before full scale mixing.

### **5. HEALTH AND SAFETY**

Detailed information on handling and any precautions to be observed in the use of the product(s) described in this leaflet can be found in our relevant Health and Safety information sheet.

### **6. TRADEMARKS**

**CHELASTAR®** is a trademark of Sap International Corporation nv/sa

### **7. WARRANTY**

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. Sap International cannot accept any responsibility for loss or damage or infringement of patent rights that may result from the use of information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm the suitability of the products with their own tests. Any dimensions shown are approximate.