



**PRODUCT INFO
& DATASHEET**

CHELASTAR 20% Fe CAC

CHELASTAR CITRIC ACID CHELATED MICRONUTRIENTS

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 20% Fe CAC (Citric Acid Chelate) contains the essential micronutrient iron (Fe) chelated with pure citric acid. CHELASTAR 20% Fe CAC is soluble in water. A foliar or soil applied product for the prevention and correction of deficiencies to iron in all crops.

3. APPLICATION

Crop application:

CHELASTAR 20% Fe CAC can be applied with safety to all crops being grown for agricultural and horticultural purposes.

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 - 1,000 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.

Soil applications:

Side banding: To apply in fertiliser solution as a side band to row crops, apply 2 - 4 kgs of CHELASTAR 20% Fe CAC per hectare. If applying more than one CAC limit the total amount applied to 10 kgs per hectare.



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Field Broadcast before sowing: Apply CHELASTAR 20% Fe CAC evenly to field at a rate of 5 - 10 kgs per hectare before final seed bed preparation.

Via irrigation water: Apply CHELASTAR 20% Fe 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 distributors 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 CACs are generally compatible with most chemicals used in crop protection. They may be incorporated into existing spray programs. Add CHELASTAR 20% Fe 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.