



**PRODUCT INFO  
& DATASHEET**

## TROPICAL CHELASTAR 1 and 2

*Safe, well-balanced micronutrients formulas  
for tropical annual and permanent crops*

### 1. DESCRIPTION

**TROPICAL CHELASTAR 1** is a well balanced micronutrient formula for use on all annual crops and contains the following wide array of essential elements: **0.5% B, 1.5% Cu, 4% Fe, 4% Mn, 0.1% Mo, 5.4% Mg (8.96% MgO), 1.5% Zn and 0.05% Co, chelating agent ethylenediamine tetra acetic acid and 2-hydroxy-1,2,3-propane tricarboxylic acid.**

**TROPICAL CHELASTAR 2** is a well balanced micronutrient formula for use on all annual crops and contains the following wide array of essential elements: **1.5% B, 0.4% Ca, 0.5% Cu, 4% Fe, 3% Mn, 0.05% Mo, 2% Mg (3.32% MgO), 4% Zn and 0.05% Co, 6% S. Chelating agents: ethylenediamine tetra acetic acid lignopolycarboxylic and humic acids.**

### 2. APPLICATION

#### Crop applications:

TROPICAL CHELASTAR products can be applied with safety to all crops being grown for agricultural and horticultural purposes. They are interchangeable, but in general TROPICAL CHELASTAR 1 is used on annual crops and TROPICAL CHELASTAR 2 in permanent crop situations.

#### Foliar applications:

##### General recommendations:

Foliar applied:	All vegetables incl. peppers, tomatoes, beans, onions, garlic, Chinese cabbage	Rice, sorghum, maize, sweet potato, cassava large seeded beans	Sugar cane
Rate per hectare:	0.5 - 0.75 kg/ha	0.75 - 1.5 kg/ha	1.5 - 2.0 kg/ha
No. of applications:	3 - 4	2 - 3	2 - 3
Timing of applications:	At 3 - 4 leaf stage, and at 7 - 10 day intervals.	2 weeks after emergence and at 2 week intervals.	2 weeks after new growth and repeat at 2 week intervals. Aerially if possible.

##### Fruit trees and other permanent crops:

Foliar applied:	Maintenance dose all crops	Orange, mandarin, pineapple, avocado	Banana
Rate per hectare:	0.5 - 0.75 kg/ha	0.75 - 1.5 kg/ha	0.5 - 1.5 kg/ha
No. of applications:	4 - 6	4 - 6	6 - 8
Timing of applications:	1st, post-blossom/main flowering and then at 15 - 30 day intervals.	1st, post-blossom/main flowering and then at 15 - 30 day intervals.	Aerial application every month.

##### Oil palm, coconut palm:

Foliar applied:	Maintenance dose Nursery stage	Maintenance dose Liner stage	Maintenance dose Estate planted
Rate per hectare:	0.2 - 0.5 kg/ha	0.25 kg/ha	0.25 - 0.5 kg/ha
No. of applications:	2 - 6	2	
Timing of applications:	2 months after germination and again 30 days after.	Beginning of 1st rainy season and again 30 days later. Repeat at beginning of next rainy	Aerial application every 2 months.

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.



**PRODUCT INFO  
& DATASHEET**

season.

**Tea:**

2 - 3 applications during growing period of 0.5 to 1.0 kg/ha, applied 100 g per 100 litre of spray water, 1000 litre water per ha

1st application: beginning of rainy season

2nd application: immediately after 1st picking

3rd application: approx. 30 days after 1st picking

**Rubber (young plants in nursery):**

3 - 4 applications during growing period of 0.5 to 1.0 kg/ha, applied 50 to 100 g per 100 litre of spray water, 600 litres water per ha. Apply 1st application 30 days after potting. Repeat at 30 days intervals

**Generally:**

A concentration of 0.2% (0.1% in case of sensitive crops) should not be exceeded.

**Water volume:**

Trees and bush fruit: 500 - 1,000 litres water per hectare.

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

Field crops: vegetables, 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.

**3. COMPATIBILITY**

TROPICAL CHELASTAR is compatible with most agricultural products, however it is always advisable to test for compatibility on a small scale (jar test) before full scale mixing.

**4. CAUTION**

Keep out of reach of children.

The use of this material being beyond our control and involving elements of risk to human beings, animals and vegetation, we do not make any warranty express or implied, as the effects of such use, when this product is not used in accordance with the directions as stated on this label.