



PRODUCT INFO  
& DATASHEET

## CHELASTAR-L BORON

*Liquid boron (11.1 % w/w = 15% w/v) fertiliser*

9/2014

### **1. DESCRIPTION**

CHELASTAR-L BORON contains Boron (B) 11.1% w/w, 15% w/v (150 gm/l). It is a specially formulated liquid containing Boron for the treatment of crops by foliar application. The formulation also contains a unique blend of surfactant and adjuvants to improve tank-mixing compatibilities and enhance the topical spread, adhesion and absorption of the nutrients to the crop.

### **2. ADVANTAGE**

Foliar application of CHELASTAR-L BORON is more efficient than soil application because the former avoids the formation of complex soil borates. CHELASTAR-L BORON is rapidly absorbed by the foliage and utilized by the plant. Frequent foliar applications of small amounts are more effective in larger, infrequent treatments.

### **3. APPLICATION**

#### **1) Recommendations for use**

Supplemental application of CHELASTAR-L BORON is recommended when soils test less than 1 ppm Boron or tissue test levels fall below average values specified for the crop. In the absence of soil or tissue test data use the suggested rate by crop.

#### **2) Directions for use**

Apply the recommended amount with ground equipment or by air in a volume sufficient for thorough coverage. Do not apply over 4 litres of CHELASTAR-L BORON in any one spray application. If the crop requires more than 4 litres per hectare, split the application allowing 14 days between sprays. As with all micronutrients, frequent applications of low doses are preferred to single applications of a large dose. As CHELASTAR-L BORON is taken in by the foliage, sufficient leaf area must be present to absorb the spray. This normally coincides with the 3rd or 4th leaf stage in most crops. Applications should be made in the early morning or late afternoon when uptake by the plant will be maximised.

- Apples, pears, citrus, apricots, avocados, olives: Apply 2 - 4 litres per hectare, first application pre flowering followed by repeat applications every 14 days.
- Strawberries: 2 litres in sufficient water per hectare every 14 days.
- Pistachios: Apply 4 litres CHELASTAR-L BORON in 1,000 litres water per hectare as a foliar spray at the break of dormancy in early spring, during the period where the bud begins to swell, through to 20% bud break.
- Grapes, melons: Apply 2 - 4 litres per hectare every 10 - 14 days.
- Field crops (cotton, linseed, clover, maize, peanuts, sugar cane, wheat, sunflowers): Apply 2 - 4 litres per hectare in not less than 200 litres water per hectare.
- Sugar beet, alfalfa: Apply 4 - 6 litres per hectare every 14 days.
- Vegetables (beets, carrots, cucumbers, lettuce, onion): Apply 2 - 4 litres per hectare every 10 - 14 days.
- Spinach, cabbage, cauliflower, broccoli: Apply 4 litres per hectare every 14 days.
- Peppers, tomatoes, potatoes: Apply 2 - 4 litres per hectare every 14 days.

### **4. COMPATIBILITY**

CHELASTAR-L BORON is physically and chemically compatible with a wide range of agrochemical products. If some uncertainty exists, then carry out a jar test. Biological compatibility may be affected by variable combinations of factors, such as growth stage, seasonal conditions and composition of tank mixes beyond our control. Mixing order: CHELASTAR-L BORON is compatible with most agricultural chemicals. Follow this mixing procedure: Add water to spray tank then add CHELASTAR-L BORON and then add pesticide.

### **5. CAUTION**

Be sure to conduct the jar test using all products in proper proportion in order to establish physical compatibility.

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.

SAP INTERNATIONAL CORPORATION bvba Krekelenberg 69, B-2980 Zoersel, Belgium  
Tel. +32-3-309.06.51 Fax. +32-3-309.19.31 Email : [info@sico.be](mailto:info@sico.be) Website : [www.sico.be](http://www.sico.be)

**SICO FERTILISERS**  
EVERY TIME THE RIGHT SOLUTION