



PRODUCT INFO  
& DATASHEET

## SICOBORON-B 12.40% Boron

High Boron granular fertiliser (2-4 mm) with special properties  
- Origin: China -

### **1/ PRODUCT DESCRIPTION**

**Trade name:** SICOBORON-B 12.40%

**SICOBORON is derived from Boron Mineral, Borax and Boronic Acid, in a single granular water soluble fertiliser.**

Introduction: Traditional borax and borate fertilisers are in single nutrient form and their nutrients are easily lost. Common mineral boric fertilisers regularly have a low content and low activity. It remains in the soil for a long term after fertilising and is not easily released.

To solve these problems **SICOBORON** was developed with our unique SEMT\* & TCR\* technologies. SEMT\* & TCR\* technologies scientifically allocate the proportions of various forms of boron. The effect lasts around 90 days, solving problems like small cotton boll, low setting of rape, low fertilisation of corn etc.

### **2/ PRODUCT SPECIFICATIONS**

#### **\* CHEMICAL ANALYSIS**

Boron trioxide (B2O3)	: 40 min % (= 12.40 % B)
pH	: 9.0 – 9.5
Organic contents	: none
Heavy metals Hg	: 5 ppm max
As	: 8 ppm max
Cd	: 8 ppm max
Pb	: 45 ppm max

#### **\* PHYSICAL PROPERTIES**

Form	: granules
Size (pass by 90%)	granular
Appearance	: grey & white
Hardness	: 2.0 min kg
Bulk density	: 885 kg/m <sup>3</sup>



### **3/ TECHNOLOGIES**

**\* SEMT Technology:** This technology provides variable nutrient release depending on the needs of specific plants and their environmental conditions.

By scientifically combining quick-acting sulphates, chelated nutrients, intermediate-acting nutrients and slow-acting oxides, we are able to deliver multi-effect nutrients over time, in the form of a single granule fertiliser.

**\* TCR Technology:** Farmers are confronted with the problems of changing soil conditions and varying plant needs throughout the growth period. TCR technology can adjust granular fertiliser to delay or accelerate its release of nutrients to optimize the availability of nutrients over the environmental and growth cycles, effectively improving fertiliser utilisation and reducing the total amount of fertiliser that is required.

### **4/ PACKING**

In 50 kg net bags, about 18 MT/20ft container (loose bags).

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**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 Website : www.sico.be

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