



PRODUCT INFO  
& DATASHEET

SICOMAG BASED GRANULAR HIGH-TECH FERTILISERS (with special properties)

## SICOMAG+B

40% MgO + 11% B<sub>2</sub>O<sub>3</sub> in a single granule (2-4.5 mm)

- Origin: China -

### 1/ PRODUCT DESCRIPTION & TECHNOLOGY

Trade name : SICOMAG+B  
HS Code : 382490  
Release type : quickly and consecutively

**Introduction:** SICOMAG+B is a double element fertiliser specially developed for the nutritional demands of special crops needing boron and magnesium, using 3 core technologies.

The perfect matching of boron and magnesium in this product strengthens its effect, and it is particularly suitable for soils and crops deficient in magnesium and boron.

Gradually supplies magnesium and boron nutrients, reduces the fertilisation frequency, accelerates nutrient absorption of plants and reduces nutrient losses.

### 2/ PRODUCT SPECIFICATIONS

#### \* CHEMICAL ANALYSIS

Total magnesium oxide (MgO) : 40 min. %  
Boron trioxide (B<sub>2</sub>O<sub>3</sub>) : 11 min. % (= 3.40% B)  
pH : 9.0 – 9.5

#### \* PHYSICAL PROPERTIES

Appearance : greyish & whitish granules  
Size : 2-4mm (pass by 90%)  
Hardness : 2.0 min kg  
Bulk Density : 1242 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. **Meets the demands for magnesium and boron nutrition for the six months following fertilising.**

\* **GRAN-TECH** : Advanced (Japanese) granulation technique results into superior appearance and composition: well rounded granules of consistent size, having high strength with low specific gravity. These characteristics make SICOMAG products particularly well suited for mechanical fertilisation.

\* **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 fertilisers to delay or accelerate their 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. **Transforms nutrition into a better absorbed state, improves the utilisation rate of magnesium and boron.**

### 4/ RECOMMENDATIONS OF USE

- Can be used as straight fertiliser or as raw material in bulk blended fertilisers.
- Can be applied to various crops, such as oilseed rape, cotton, sugar beet, peanut, soybean, orange, apple, pear, banana, mango, tomato, cabbage, potato, corn, wheat, rice, sugarcane etc.
- Indicative use rates are to be used as a guide only:

Vegetables	: 25-50 kg/ha
Fruit	: 35-65 kg/ha
Other crops	: 25-55 kg/ha

### 5/ PACKING

In 50 kg net bags, about 24 MT/20ft container (loose bags).

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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EVERY TIME THE RIGHT SOLUTION