



PRODUCT INFO  
& DATASHEET

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

## SICOMAG-HI

50% MgO + 10% S in a single granule (2-4 mm)

- Origin: China -

### **1/ PRODUCT DESCRIPTION & TECHNOLOGY**

Trade name : SICOMAG-HI  
HS Code : 253090  
Release type : slow release

**Introduction:** SICOMAG-HI is specially intended for regions growing exclusively magnesium-reliant crops for many years, so that the soil is seriously magnesium depleted, using two core technologies.

### **2/ PRODUCT SPECIFICATIONS**

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

Total magnesium oxide (MgO) : 50 min. %  
Sulfur (S) : 10 min. %  
pH : 8.5 – 9.5

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

Appearance : light yellow granules  
Size : 2-4mm (pass by 90%)  
Hardness : 2.0 min kg  
Bulk Density : 1150 kg/m<sup>3</sup>



### **3/ TECHNOLOGIES**

**\* 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. **Is anti-leaching and constantly provides adequate magnesium nutrition for the plant.**

### **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	: 90-180	kg/ha
Fruit	: 200-450	kg/ha
Other crops	: 90-215	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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**SICO FERTILISERS**  
EVERY TIME THE *right* SOLUTION