



**PRODUCT INFO  
& DATASHEET**

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

## **SICOMAG+TE**

*40% MgO + Trace elements in a single granule (2-4 mm),  
constantly supplies Magnesium and trace elements during 6 months !*

*- Origin: China -*

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

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

**Introduction:** SICOMAG+TE was developed to solve widespread deficiencies of trace elements in soils caused by industrial agriculture. Our three unique core technologies are used in this product. SICOMAG+TE is based on top magnesium resources unique in China, and is manufactured by adding various trace elements

### **2/ PRODUCT SPECIFICATIONS**

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

Nitrogen (N)	: 1 min.	%
Total magnesium oxide (MgO)	: 40 min.	%
Zinc (Zn)	: 0.68 min.	%
Copper (Cu)	: 0.85 min.	%
Iron (Fe)	: 3.5 min.	%
Manganese (Mn)	: 0.85 min.	%
Boron trioxide (B <sub>2</sub> O <sub>3</sub> )	: 0.35 min.	% (= 0.10%B)
Molybdenum (Mo)	: 0.035 min.	%
pH	: 6.0 – 7.0	

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

Appearance	: greyish yellow granules
Size	: 2-4mm (pass by 90%)
Hardness	: 2.0 min kg
Bulk Density	: 1220 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.

**Constantly supplies magnesium and trace elements to soil and crops for the six months following fertilisation.**

**\* 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 various trace elements.**

### **4/ RECOMMENDATIONS OF USE**

- Can be used as straight fertiliser or as raw material in bulk blended fertiliser.
- 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	: 120-175 kg/ha
Fruit	: 200-450 kg/ha
Other crops	: 90-225 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