



**PRODUCT INFO  
& DATASHEET**

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

## **SICOMAG+Cu**

*Type 1: 40% MgO + 5% Cu in a single granule (2-4 mm)*  
*Type 2: 53% MgO + 0.9% Cu in a single granule (2-4 mm)*  
 - Origin: China -

Revised 29/10/2020

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

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

**Introduction:** SICOMAG+Cu is a double element fertiliser specially developed to meet the demands of crops for magnesium and copper, using 3 core technologies. SICOMAG+Cu can correct magnesium deficiency in soils and could also meet copper requirements in various crops. Can meet the demands for magnesium and copper nutrition for the six months following fertilisation. Our special technologies transform nutrition into a better absorbed state and improves the utilisation rate of magnesium and copper.

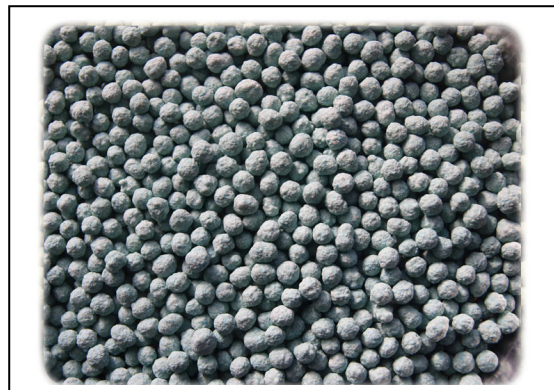
### **2/ PRODUCT SPECIFICATIONS**

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

	<u>TYPE 1</u>	<u>TYPE 2</u>
Total magnesium oxide (MgO)	: 40 min. %	53%
Copper (Cu)	: 5 min. %	0.9%
pH	: 9.0 – 9.5	

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

Appearance	: blue 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 copper 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 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. **Transforms nutrition into a better absorbed state, improves the utilisation rate of magnesium and copper.**

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

- It 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	: 100-150 kg/ha
Fruit	: 200-250 kg/ha
Other crops	: 100-175 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 itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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