



**PRODUCT INFO  
& DATASHEET**

SICOMICRO HIGH-TECH GRANULAR MICRONUTRIENTS (with special properties)

## **SICOMICRO-ZINCMAG**

6% Zn + 35% MgO

*in a single granule (2-4 mm) - Origin: China*

### **1/ PRODUCT NAME DESCRIPTION & ADVANTAGES**

**Trade name** : SICOMICRO-ZINCMAG

**HS Code** : 382490

**Release type** : slow release

### **\* ADVANTAGES**

1. SICOMICRO-ZINCMAG contains 35% MgO citric acid soluble and 6% Zn.
2. SICOMICRO-ZINCMAG is an efficient source of Zn & Mg nutrients for all crops in most types of soil in pH 4.5-9.
3. SICOMICRO-ZINCMAG has excellent spreading properties. More appropriate & economic for field broadcasting, more even spreading than if powder. With ideal particle size distribution and granule strength. Is applied accurately and efficiently with most of the modern fertiliser spreaders.
4. SICOMICRO-ZINCMAG is suitable for production of compound (blended) fertiliser and for straight manual application.

### **2/ PRODUCT SPECIFICATIONS**

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

MgO : min. 35 % (typical around 36 %)

Zn : min. 6.0 % (typical around 7 %)

The formula can be adjusted to customer's requirement and feasibility analysis.

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

**Form** : granules

**Size (pass by 90%)** : 2-4 mm

**Appearance** : whitish



### **3/ USAGE RECOMMENDATIONS (as guide only)**

- 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, sugarcane, soybean, orange, apple, pear, banana, mango, tomato, cabbage, potato, corn, wheat and rice.

- Indicative usage rates (to be used as a guide only):

Vegetables : 80-300 kg/ha – Fruit : 120-450 kg/ha – Other crops : 70-250 kg/ha.

### **4/ TECHNOLOGIES**

\* **SEMI CHELATE process:** The Semi-chelate process begins with a natural small-molecule chelate carrier. The carrier is treated with a biological process, that enables appropriate chelation of the nutrient element by the chelate carrier, and prevents soil fixation and nutrient loss. The semi-chelate carrier component is small, allowing it to pass freely through the cytoderm of plants, realising superior nutrient transmission.

Traditional chelate products are fully chelated, requiring more energy to release nutrition after entering into the plant. SEMI-CHELATE easily chelates, while requiring less energy to release nutrition, so it is more efficient and economical.

\* **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 SICOMICRO 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.

### **5/ PACKING**

In 25 kg net wpp+pe Sico bags (loose bags), about 25 MT/20ft container. Other packings: on request.

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