



**PRODUCT INFO
& DATASHEET**

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

SICOMAG-SKYHI

60% MgO in a single granule (2-4 mm)

*New generation magnesium fertiliser: natural, slow-release, anti-leaching.
- Origin: China -*

1/ PRODUCT DESCRIPTION & TECHNOLOGY

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

Introduction: SICOMAG-SKYHI is a new environmentally friendly magnesium fertiliser. There are no chemical additives added in the production of SICOMAG-SKYHI consequently this product is safe and pollution-free and effectively improves soil condition.

SICOMAG-SKYHI is a strongly anti-leaching and slow-release fertiliser: eg in Southeast Asia, over 80% nutrients will be sustainably released over a 6 months period. SICOMAG-SKYHI effectively reduces the nutrients loss caused by leaching during intense rainfall and improves the utilisation rate of this magnesium fertiliser, and corrects magnesium deficiency in the soil.

This product is manufactured with **unique disintegration technology** so the nutrients are better released and more evenly than with any other common mineral magnesium fertiliser. SICOMAG-SKYHI is a 2-4mm granule characterised by good hardness, less dust, good fluidity and for easy broadcasting.

2/ PRODUCT SPECIFICATIONS

*** CHEMICAL ANALYSIS**

Total magnesium oxide (MgO) : 60 min. %
pH : 9.0 – 9.5

*** PHYSICAL PROPERTIES**

Size : 2-4mm (pass by 90%)
Hardness : 2.0 min kg
Bulk Density : 1250 kg/m³

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/ ADVANTAGES

- 100 % natural raw material
- high MgO content
- slow release activity up to 8-10 months
- anti-leaching

Ask our special sales rationale

5/ 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	: 75-150	kg/ha
Fruit	: 170-375	kg/ha
Other crops	: 75-180	kg/ha

6/ 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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