



**PRODUCT INFO  
& DATASHEET**

SICO MANGANESE FORMULATIONS - SICO SULPHUR FORMULATIONS

## **SICOFLOW MANG+SUL**

**11% Mn + 17.6% SO<sub>3</sub>**

*Foliar Manganese and Sulphur based fertiliser (solution)*

### **1. PRODUCT DESCRIPTION**

**SICOFLOW MANG+SUL** is a Manganese and Sulphur based fertiliser solution.

### **2/ PRODUCT SPECIFICATIONS & ANALYSIS**

#### **\* ANALYSIS & NUTRIENTS TABLE**

Sulphur trioxide (anhydrous sulphur) (SO <sub>3</sub> )	17.6% (= 241 g/l)
Manganese (Mn) soluble in water	11% (= 151 g/l)

#### **\* SPECIFICATIONS & COMPOSITION**

Colour:	pink
Type:	clear liquid
Density:	1.37
pH at 20°C:	2.5

### **3/ ADVANTAGES & ROLE OF MANGANESE**

- => direct influence on photosynthesis
- => major actor in the formulation of lipids
- => necessary for the reduction of nitrates : - formation of proteins  
- formation of sulphur
- => The manganese is a catalyser of the chlorophyll synthesis and supports the nitrogen dynamics within the plant. That element is less mobile in the plant and the deficiency appears first on the young leaves.

#### **ADVANTAGES & ROLE OF SULPHUR**

- => essential for proteins synthesis
- => important role in energy processes
- => as building block of some amino-acids, the sulphur plays a direct role in the protein setting. It's also a component of the chlorophyll and its action on growth and yield is important.

### **4/ RECOMMENDED APPLICATION RATES & DOSAGES**

* Cereals:	4 l/ha, during elongation
* Flax:	4 l/ha, at stage 5 cm
* Oilseed rape:	4 l/ha, at restart of vegetation
* Peas:	2 x 4 l/ha, at stages 8 – 10 leaves and flower buds
* Potatoes:	4 l/ha, split into several applications starting from the covering
* Sugar beets:	2 x 4 l/ha, at stages 8 – 10 leaves and covering

To be used only where there is a recognised need. Donot exceed the appropriate dose rates.

### **5/ PACKINGS**

- 10 lt cans, 500 lt per pallet, 20 pallets = 10,000 lt/20' container.
- 200 lt drums x 4 per pallet, 10 pallets = 8,000 lt/20' container.
- 1000 lt IBC, 10,000 lt/20' container.

### **6/ COMPATIBILITY**

Our products are compatible with most plantcare products. However, a test before application is recommended.

### **7/ STORAGE**

Min. +5 °C and max. +35 °C

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.

**SAP INTERNATIONAL CORPORATION bvba Krekelenberg 69, B-2980 Zoersel, Belgium**  
Tel. +32-3-309.06.51 Fax. +32-3-309.19.31 Email : [info@sico.be](mailto:info@sico.be) Website : [www.sico.be](http://www.sico.be)

**SICO FERTILISERS**  
EVERY TIME THE *right* SOLUTION