



PRODUCT INFO
& DATASHEET

SICOHEL® SUPREME MIX

Multi-Micronutrient Fertiliser

SICO QUALITY: Your Key to Effectiveness

PRODUCT DESCRIPTION

1. CHEMICAL DATA

1.1. Description:

High concentrated Multi-Micronutrient mixture using Fe lignosulphonate and NO EDTA as filler (thus there will be organic matter). Also inorganic salts of boron and molybdenum.

1.2. Typical Analysis:

Boron (as B)	1.6 %
Copper (as Cu)	3.4 %
Iron (from Fe LPCA)	6.7 %
Manganese (as Mn)	3.4 %
Molybdenum (as Mo)	0.046 %
Zinc (as Zn)	1.2 %
Chelating agents	Lignopolycarboxylic acid & ethylenediaminetetra acetate

1.3. Practical pH Stability Range:

4 - 9 (in aqueous solution).

1.4. Analytical Method:

Available on request.

2. PHYSICAL DATA

Appearance	brown powder
Odour	neutral
Solubility in water	100 %
Bulk density	0.950 – 1050 g per litre
pH 1:100 w/v	5 – 5.5

3. STORAGE

SICOHEL® SUPREME MIX will store indefinitely under normal conditions. For user convenience it is recommended that the product is stored in a dry place. Re-seal partly used packs tightly.

4. PACKAGING

Available in 1 kg polythene lined cartons, ten to a cardboard case and 25 kg polythene lined fibreboard kegs or cardboard boxes.

5. TRANSPORT

No special precautions are necessary for transport by air, sea, rail or road.

5.1. EEC Harmonised Tariff No: 31 05 90 99

PRODUCT USE

1. FOLIAR APPLICATION

SICOHEL® SUPREME MIX should be applied to the crop as a foliar spray using a conventional hydraulic spraying machine. The following points should be observed:

- The sprayer should be fitted with nozzles that produce a fine mist.
 - Only sufficient spray solution should be applied to coat the leaves and stems with a film of moisture with little or no "run off".
 - Spraying should be carried out on a calm day BUT NOT DURING STRONG SUNSHINE OR HIGH TEMPERATURES.
- The best time is late afternoon or evening.

1.1. Rates of Use and Timing

SICOHEL® SUPREME MIX may be applied in one application of 3.0 kilograms per hectare but optimum results can be expected if repeat applications are used. In general foliar applications should be started early in the season as soon as there is sufficient leaf area to absorb the spray.



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<u>Crop</u>	<u>Rate of Use (kg/ha)</u>	<u>Timing</u>
Ornamentals	0.5-1.0	As necessary during the growing season. DO NOT APPLY DURING FLOWERING.
Cereals	1.0	Early in season (GS 26).
e.g. wheat, barley	1.0	Mid season (GS 37).
millet, sorghum	1.0	At ear emergence (GS 50).
Rice	1.0	Before planting out. After crop is established in field.
Potatoes and other root crops	1.0	Apply three times at 2-3 week intervals after the crop meets in the rows.
Vegetables	1.0	Apply three times at 2-3 week intervals after the 5 true leaf stage and during periods of rapid growth.
esp.		
Fruit	1.0	Repeat the application several times in the season. DO NOT APPLY DURING FLOWERING.
	0.5	After fruit set (high volume).

1.2. Water volume: the amount of **SICOCHEL® SUPREME MIX** to be applied should be mixed with a volume of water appropriate to the crop leaf area of the type of spraying machine being used.

Arable crops: 200-300 litres per hectare

Fruit crops: 500-1000 litres per hectare

NB. Do not exceed a solution concentrate of 0.1% (100 grams per 100 litres of water).

1.3. Small Scale Use: For example using a knapsack sprayer. Prepare a 0.05-0.1% (0.5-1.0 gram per litre) solution and apply so as to coat the leaves and stems with a thin film of moisture with little or no run-off.

1.4. Mixing: Simply add the **SICOCHEL® SUPREME MIX** slowly to the spray tank whilst the contents are under agitation.

1.5. Compatibility: **SICOCHEL® SUPREME MIX** is compatible with all other **Sicochel** products and many herbicides, fungicides, insecticides and other crop sprays.

2. FERTIGATION

SICOCHEL® SUPREME MIX should be added periodically at a rate of 100 grams per 1000 litres of final feed solution. Frequency of addition will depend on degree of deficiency and crop response.

3. LIQUID FEEDS

In order to provide the trace element component of concentrated liquid feeds add **SICOCHEL® SUPREME MIX** at 1.5 - 3.0 kg per tonne.

4. COMPOSTS

SICOCHEL® SUPREME MIX should be incorporated at the following rates:

Seedling composts 20-30 g/m³

Potting composts 40-60 g/m³

Grow bags 75-115 g/m³

5. STATUTORY CAUTION

To be used only where there is a recognised need. Do not exceed the appropriate dose rate.

HEALTH AND SAFETY

Detailed information on handling and any precautions to be observed in the use of the product(s) described in this leaflet can be found in our relevant Health and Safety information sheet.

TRADEMARKS

SICOCHEL® MIX is a trademark of Sap International Corporation bvba

WARRANTY

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. Sap International cannot accept any responsibility for loss or damage or infringement of patent rights that may result from the use of information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm the suitability of the products with their own tests. Any dimensions shown are approximate.