



## **Solufeed Mn 500 plus SC**

Highly concentrated manganese fertiliser

*Suspension concentrate (sc)  
formulation containing  
500 g/l manganese with fulvic  
acids*

### **Uses**

To prevent and correct manganese deficiency in most agricultural, horticultural and ornamental crops. Recommended for foliar application.

### **Benefits**

*Solufeed Mn 500 plus SC* is a high quality high analysis inorganic manganese fertiliser for safe, efficient and convenient treatment of manganese deficiency. Supplied as an easy to use liquid formulation. Trials show that the addition of fulvic acids aid the uptake of manganese into the foliage.

Compatible with many crop protection materials enabling economic tank mixing for simultaneous application.

### **Analysis**

A suspension concentrate formulation 500 g/l (273 g/kg) manganese with added fulvic acids.

Analytical method available on request.

### **Chemical/physical data**

Appearance:	Light brown/cream liquid
Miscibility:	Fully miscible in water
Specific gravity:	1.83 (@20°C)
pH @ 1% solution	8.0
Harmonised Tariff No:	26020000

## Directions for use

### Foliar Application

*Solufeed Mn 500 plus SC* should be mixed with a convenient volume of water to suit the spraying machine being used and the target crop leaf area, **this should be at least the equivalent of 200 l/ha**. The following points should be observed:

1. The sprayer should be fitted with nozzles that produce a fine mist.
2. Only sufficient spray solution should be applied to coat the leaves and stems with a film of moisture with little or no "run off".
3. 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.
4. If rain is imminent, spraying should be postponed. If rain falls within 4 hours of spraying, the crop should be re-sprayed 3 or 4 days later.

### Application rates, general

*Solufeed Mn 500 plus SC* may be applied in one application of 1.0 l/ha but optimum results may be expected if repeat reduced rate applications at 14 day intervals are used; but do not exceed a total of 5 l/ha in any one season. In general, foliar applications should be started early in the season as soon as there is sufficient leaf area to absorb the spray.

**Not recommended for protected crops.**

### Application rates, specific

Crop	Rates (l/ha)	Timing
Winter Cereals	1.0	Apply from 3 leaf stage when spring re-growth commences. For severe deficiency an additional full rate application soon after tillering (ZCK 23).
Spring Cereals	1.0	Apply as soon as there is sufficient leaf area to absorb the spray.
Sugar Beet	1.0	Conventional application as soon as there is sufficient leaf area to absorb the spray.
Potatoes	1.0	At tuber initiation or before the tops meet the rows. Repeat as necessary.

Peas	1.0	Apply just before or at flowering and repeat if necessary 10-14 days later.
Top and Soft Fruit	1.0	Begin application in early spring and repeat as necessary throughout the season.
Oilseed rape & brassica crops	1.0	Apply from 4 – 6 leaf stage.

### Water Volume

The amount of *Solufeed Mn 500 plus SC* 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. Typically:

Arable crops: 200-600 litres per hectare

Fruit crops: 500-1000 litres per hectare

### Small Scale Use

Knapsack sprayer: Prepare a 0.05-0.1% (0.5-1.0 g/l) solution and apply so as to coat the leaves and stems with a thin film of moisture with little or no run-off.

### General information

*Solufeed Mn 500 plus SC* gives best results when crops have adequate supplies of water and major nutrients and are not under stress for any other reason. Conditions that are responsible for one particular deficiency can also induce deficiencies of other micronutrients. Always ensure that deficiencies are confirmed (by soils/tissue analysis for example) before treatment is carried out.

### Mixing With Water

Shake container well before opening and use.

Half fill the spray tank with water, commence agitation and add the appropriate amount of *Solufeed Mn 500 plus SC*. Add the remaining water and continue agitation until the whole tank has been sprayed out. Never allow the tank mix to stand without agitation and use immediately.

### Compatibility

*Solufeed Mn 500 plus SC* is compatible many other crop care chemicals. Always follow recommendations closely.

### Technical service

Please contact Solufeed at the address below for assistance.

## Precautions

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

No health hazard is involved when *Solufeed Mn 500 plus SC* is used as directed.

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

## Storage

Protect from frost, store above 5°C and away from direct sunlight.

Detailed health and safety information may be found on the relevant Material Safety Data Sheet (MSDS) available on request from the address below. This should be read fully before use.

## Important

The information in this document has been prepared carefully and is provided in good faith. The application, use and processing of any material together with regulatory compliance is the absolute responsibility of the Buyer. All technical information or other advice provided by the Seller in any form is given without warranty to the full extent provided by law.

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