

## Superior UPTAKE Manganese

**Superior UPTAKE Manganese** is a blend of manganese sulphate, fulvates and amino acids. It is used to rapidly correct or prevent manganese deficiency in cereals, grain legumes, pasture legumes, oilseeds and fodder crops. Applied as a soil drench (via streaming nozzles) or as a foliar spray. Manganese plays an important role in photosynthesis. It also promotes the uptake of nitrate. High soil pH, waterlogged conditions and too much available iron can reduce manganese availability. **Superior UPTAKE Manganese** is an organically chelated form of manganese that will provide rapid foliar uptake of manganese to effectively correct or prevent deficiencies.

## APPLICATION RATES

### Agricultural Crops and Pastures:

**Foliar:** Do not apply more than a 1% solution in high volume sprays and no more than 3% concentration in low volume sprays under 50L/ha.

**Broad-acre Crops:** 1.0 - 2.5 litres/ha. Apply in early stages of growth when leaf area is sufficient to intercept spray.

**Cereal Crops:** 1.0 - 2.0 litres/ha pre-maturation.

**Soil Applications:** Apply as required; do not exceed 10 litres/ha per application.

## DIRECTIONS FOR USE

**Superior UPTAKE Manganese** is used in a wide range of agricultural crops and pastures.

Suitable for use as a soil drench (via streaming nozzles) and foliar spray. Applied through standard spraying equipment; always dilute prior to application.

Repeat applications as required.

Sustainable Ventures Pty Ltd has no control over farming methods, application of the product, weather or growing conditions. Consequently, no responsibility or liability for any failure in performance, losses, damages or injuries will be accepted by Sustainable Ventures Pty Ltd, its distributors or agents following the use of this product. Seek independent advice prior to use.

# SUPERIOR UPTAKE MANGANESE

## Enhanced foliar uptake fertiliser For broad-acre agriculture use

For rapidly correcting or preventing manganese deficiency in broad-acre crops and pastures.

### Typical Analysis (wt/vol)

MN- 15%, K- 0.2%, S- 8.7%, N- 0.1%,  
plus fulvates and amino acids

# 20L

## PRECAUTIONS

To avoid damage to crops:

- Use under conditions for optimum plant growth; high humidity, moderate temperatures and adequate soil moisture.
- Spray during early morning or late afternoon; avoid hotter parts of the day and when crop is under heavy stress.
- Physically compatible with a wide range of commonly used spray chemicals. Always mix a small quantity (eg. jar test) and check for sediment (fall out) in mixture. Do not proceed if sediment occurs.
- DO NOT allow concentrated spray mist to run on leaves. DO NOT spray to run off. Spray should not form visible droplet coalescence.

**NOTE:** If uncertain about spraying, we suggest a small area should be sprayed and observed prior to the total crop application (eg. when spraying for the first time or in combination with other chemicals).

**Wear protective clothing, safety glasses and gloves when using this product.**

## CLEAN UP PROCEDURE

Use all mixture in spray tanks; purge tanks and lines with clean water; flush lines. Do not return mix to original drums

## STORAGE

Store in original container away from direct sunlight.

Try

## NEW ERA PROTECTOR

to enhance nitrogen (UAN)

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