

OMEX SuperMn

FUNCTION

Manganese plays a major role in photosynthesis and number of enzyme systems within the plant. Manganese deficiency can seriously impair crop growth. A wide range of crops are susceptible to manganese deficiency including cereals, vegetables, brassicas, fruit, root crops and horticultural produce.

Manganese deficiency is most likely to occur on organic soils with a pH value at or above 6.5. Problems with manganese deficiency can also occur with shallow rooted plants especially where soil pH is high.

Manganese deficient plants are chlorotic and slow to mature.

DESCRIPTION

Fully water soluble fluid fertiliser containing high concentrations of manganese, magnesium and sulphur.



Analysis of OMEX SuperMn

| | | Wt/Wt* | Wt/Vol |
|-------------------|-----|------------------|--------|
| Nitrogen | N | 2.20% | 3.00% |
| Manganese | Mn | 8.60% | 11.50% |
| Magnesium | MgO | 2.40% | 3.20% |
| Sulphur | S | 5.20% | 7.00% |
| | | | |
| pH (10% solution) | | 2.5-3.5 | |
| Specific Gravity | | 1.32-1.36 @ 18°C | |

*For registration purposes Wt/Wt concentrations are recommended.

DIRECTIONS FOR USE

The spray tank should be filled with half of the required amount of water. Measure the required amount of OMEX SuperMn and add to the tank whilst maintaining constant agitation. Add remaining water to correct dilution. Spray.

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DILUTION: Recommended water rate is 500-1500 Litres per hectare

Always shake container before opening



Recommendations for use:

| CROP | RATE l/ha | RATE ml/100l | APPLICATION DETAILS |
|-------------------|-----------|--------------|--|
| Cereals | 1.50 | 750 | Maintenance application at emergence and GS31 |
| | 3.0 | 1500 | Application where deficiency confirmed at GS31 |
| Beans | 3.0 | 1500 | Deficiency application |
| Oil seeds | 1.50 | 750 | Maintenance application at emergence and stem extension |
| | 3.0 | 1500 | Application where deficiency confirmed at stem extension |
| Peas | 2.0 | 1000 | Maintenance application at 10-15cm |
| Potatoes | 3.0 | 1500 | Apply at row meet stage, repeat every 7-10 days |
| Sugar beet | 2.0 | 1000 | Maintenance application at 4-6 leaf stage |
| | 3.0 | 1500 | Deficiency application |
| Vegetables | 2.0 | 750 | Maintenance application at 4-6 leaf stage |
| | 3.0 | 1500 | Deficiency application |

TANK MIXING COMPATIBILITY

OMEX SuperMn is compatible with most, but not all, pesticides, growth regulators and micro-nutrients with regard to physical tank mixing and biological effects on the crop. However, OMEX cannot accept any liability for any loss or damage as not all pesticides have been tested and because the efficacy of any mix will depend on, among other factors, the pesticide concerned, crop conditions, growth stage, weather and volumes of water used.

PRECAUTIONS

OMEX SuperMn should be stored in frost free conditions with optimum storage range between 5-40°C. OMEX SuperMn is a non-hazardous and non-flammable foliar fertiliser. Gloves and face shield should be worn when handling the concentrate. In situations of prolonged storage there may be slight settling of the nutrient particles. This is reversible on shaking.

PACKING: OMEX SuperMn is available in HDPE drums of 0.25L, 0.5L, 1L, 3L, 5L, 10L capacity. Drums are fitted with tamper evident closures. 200 and 1000 Litre mini bulk available.