

WL MANGANESE CHELATE

ANALYSIS

MANGANESE (Mn)
SULPHUR (S)

W/W

10%
4%

Derived from:

Manganese Sulphate and Phenolic Acid

PRODUCT CONTAINS 66% W/W WATER

TOTAL SOLIDS 34% W/W

GENERAL INFORMATION

- **WL MANGANESE Chelate** is a foliar or soil applied micronutrient and is non-phytotoxic when used as directed. It is completely available and absorbed by the leaf surface or the root system because of the natural complexing properties of its phenolic acid chelating complex.
- It is an excellent acidification agent for lowering high pH in spray tank water to decrease the hydrolysis of most pesticides.
- It is an effective dispersing agent when applied with other foliar spray chemicals.

MIXING INSTRUCTION

- **WL Manganese Chelate** will disperse in water with little agitation. Many pesticides can be added and applied while spraying.

When foliar spraying **WL Manganese Chelate** through conventional sprayers, use a minimum of 200 litres of water per hectare.

When spraying with low volume equipment, 50 litres of water per hectare is usually sufficient. If less water is used, slight burning of the foliage may occur. A maximum of 5 litres per hectare per application is recommended. Aerial applications should not exceed 1 litre per 4 litres of water.

WL Manganese Chelate is manufactured to rigid controls at the highest possible concentration for effective usage. Any residue in this pail is water soluble. Rinse the pails with water and add solution to spray tank.

CAUTION: Always Conduct a "Jar Test" using all products in proper proportion in order to establish physical compatibility.

SHAKE WELL BEFORE MIXING

STORE IN A COOL PLACE OUT OF DIRECT SUNLIGHT

SII0515

Stoller

WL Phenolic Chelate

MANGANESE Chelate



STOLLER AUSTRALIA PTY. LTD.

A.C.N. 065 320 747

1 Creswell Road, Largs Bay

South Australia 5016

Phone (08) 8169 0900

Fax (08) 8169 0909

www.stoller.com.au

CONTENTS 20 200 800 1000 LITRES

CAUTION

Harmful if swallowed. Avoid contact with skin, eyes & clothing. Wash thoroughly with soap and water after handling. Avoid breathing spray mist.

HANDLING INSTRUCTIONS

Avoid contact with skin and always use goggles, gloves and protective clothing when handling.

FIRST AID INSTRUCTIONS

Eyes: Hold eyes open and wash with water continuously for at least 15 minutes.
Skin: Remove all contaminated clothing and wash affected area with plenty of soap and water.
If Swallowed: Do not induce vomiting. Give plenty of water and seek immediate medical attention.

DIRECTIONS FOR USE

GENERAL APPLICATION RATES WHEN LEAF & SOIL TEST ARE NOT AVAILABLE

Maintenance application2 litres per hectare

Moderate deficiency.....4-9 litres per hectare

Heavy micronutrient deficiency.....9-18 litres per hectare

FOLIAR SPRAY

CROP	RATE	COMMENTS
Vegetables	1 - 2 litres per hectare each spray	Incorporate WL MANGANESE Chelate into the normal spray program.
Trees, Fruit Grapevines and Nuts	4 litres in 2000 litres of dilute spray	If concentrated spray is used, increase the concentration in direct proportion to dilution. If tree crops are sprayed several times a year, the amount can be split into more numerous applications. Split applications are considered more beneficial than single applications.
Field Crops	2 litres per hectare	Apply recommended rates when plants are young. This is the time when most severe deficiencies occur.

FERTIGATION RATES

CROP	RATE	COMMENTS
Trees, Vines Horticulture (soil treatment)	9 litres per hectare	Apply through dripper or micro-irrigation. Alternatively band under tree/vine row and water in.

LIQUID FERTILIZER

Mix **WL Manganese Chelate** with liquid fertilizer agitating to thoroughly disperse the trace elements. This can be achieved by adding the product to the mixing batch tank or inducting through a pump. When mixing in batch tank, add product to water or nitrogen solution before adding phosphate material.

CONDITIONS OF SALE

1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than an officer of Seller, is authorised to make any warranty, guarantee or direction concerning this product.
2. Because the time, place, rate of application and other conditions of use are beyond Seller's control, Seller's liability from handling, storage and use of this product is limited to replacement of product or refund of purchase price.

Batch Number