



# WUXAL<sup>®</sup> Manganese

## Suspension Fertiliser

Highly concentrated fluid Manganese formulation - ideal for foliar application - for the rapid and safe control of Manganese deficiency.

### Description

WUXAL Manganese is an innovative organic manganese complex based on carbohydrate monomers. It is applied for the purpose of rapid control and prevention of manganese deficiency. The manganese complex contained in Wuxal Manganese is fully biodegradable, very safe to the plant and not sensitive to light.

WUXAL Manganese is an innovative fluid organic manganese complex promoting a highly efficient and safe manganese absorption by the plant foliage.

WUXAL Manganese is particularly indicated for crops susceptible to manganese deficiency such as fruit crops, vegetables and arable crops. Wuxal Manganese is formulated with special organic additives according to the Wuxal standard. This assures optimum wettability and rainfastness of the product even under climatic stress conditions for the plant.

### Key benefits & features

- ▶ highly concentrated fluid formulation
- ▶ easy handling
- ▶ rapidly absorbed and extremely safe at the same time
- ▶ highly efficient and reliable
- ▶ indicated for soils with high pH
- ▶ extremely rainfast-negligible wash-off by rain
- ▶ optimal wetting of the leaf and fruit surface
- ▶ ecological - fully biodegradable
- ▶ not sensitive to light
- ▶ rich in carbon - an energy source for beneficial microorganisms

### Contents

Manganese fertiliser suspension.

% w/w			g/l
5	N	Nitrogen	72
3.6	S	Sulphur	52
6	Mn	Manganese	87

Manganese fully complexed as Manganese Glucoheptonate.

### Physical / chemical properties

Density: 1.45 g/cm<sup>3</sup>  
 pH value: 6.5  
 Colour: green-brown

Distributor:



Producer:





## Fields of application and rates of use

Crop	Timing	Rate of use
Pipfruit	1 <sup>st</sup> application before bloom 2 <sup>nd</sup> application after walnut size (end of cell division stage)	2 L/ha 2 L/ha
Stone fruit	1 <sup>st</sup> application after bloom 2 <sup>nd</sup> application 2 - 3 weeks after first application	2 L/ha 2 L/ha
Strawberries	start of vegetation early flowering	1-2 L/ha 2 L/ha
Grapevine	1 application before bloom 2 applications after bloom	1-1.5 L/ha 1-1.5 L/ha
Winter cereals	autumn - early tillering spring - from the beginning of stem extension to flag leaf emergence	1-1.5 L/ha 1-2 L/ha
Spring cereals	from 3 leaves to flag leaf emergence	1-2 L/ha
Vegetables	repeated applications during periods of rapid growth	1-2 L/ha
Oilseed rape	from early spring to yellow bud	1-1.5 L/ha
Sugar beet	5 - 6 leaf stage and between 8- and 12-leaf stage	1-2 L/ha
Peas	at flowering, particularly from 10 - 11 leaf-stage till pod formation	1-1.5 L/ha
Potatoes	early flowering and soon after flowering	1-2 L/ha

### Miscibility / Preparation of spray mixture

WUXAL Manganese can be applied by spraying and sprinkling, together with pesticides as well as with drip irrigation / fertigation systems. Do not mix WUXAL Manganese with WUXAL P45, WUXAL Top P or other P-containing products or with acidic materials.

**Tank mixing with glyphosate is not recommended. Apply glyphosate first and WUXAL Manganese afterwards.**

### Precautions and liability:

When storing the product, temperatures below 0°C and above +40°C as well as frequent temperature fluctuations should be avoided. Keep the product in the original container until application.

When mixing with pesticides for the first time, test on a small scale before general use.

Distributor:



Producer:

