

WUXAL[®] Manganese

BY AGLUKON

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

Description

Wuxal Manganese is an innovative manganese complex based on carbo-hydrate 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 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 like fruit crops, vegetables and arable crops. Wuxal Manganese contains special organic additives according to the Wuxal standard. This assures optimum wettability and rainfastness of the product even under adverse climatic conditions.

Key benefits of WUXAL Manganese

- highly concentrated fluid formulation, easy handling
- rapidly absorbed and extremely safe at the same time
- highly efficient and reliable in relation to foliage absorption
- indicated for soils with high pH
- extremely rainfast-negligible leaching 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 fertilizer solution - 6% Mn watersoluble. For foliar fertilization.

% w/w		g/l
6 % Mn	Manganese water-soluble	87
5 % N	total Nitrogen	70

The Manganese is fully complexed.

Physicochemical properties

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

Precautions and Liability

When storing the product, temperatures below 0°C (32°F) and above +30°C (86°F) as well as frequent temperature fluctuations should be avoided. Keep the product in the original container till application.

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



Efficient Manganese foliar uptake

Extremely safe

Packaging
10 l bucket

WUXAL Manganese

Fields of application and rates of use

Crop	No. and Timing of Application	Rates of use
Pome fruits	before bloom	2 l/ha (1x)
	after walnut size (end of cell division stage)	2 l/ha (1x)
Stone fruits	after bloom	2 l/ha
	2 - 3 weeks after first application	2 l/ha
Strawberries	start of vegetation	1-2 l/ha
	early flowering	2 l/ha
Grapevine	before bloom	1-1.5 l/ha(1x)
	after bloom	1-1.5 l/ha(2x)
Vegetables	repeated applications during periods of rapid growth	1-2 l/ha
Arable crops	<u>Winter cereals:</u>	
	autumn - early tillering	1-1.5 l/ha
	spring - from the beginning of stem extension to flag leaf emergence	1-2 l/ha
	<u>Spring cereals:</u>	
	from 3 leaves to flag leaf emergence	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
Soybean	multiple application initiating at five nodes on the main stem	1-2 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 P or other P-containing products as well as with acidic materials