

# BIOTA MANGA

## ANALYSIS

	<u>% w/w</u>	
Manganese (Mn)	6 %	Appearance: Liquid
Complexed by lignosulphonic acids		Colour: Dark brown
		pH: 7
		Density (kg/l) 1.285

## PROPERTIES

Biota Manga is a concentrated manganese micronutrient complexed with lignosulphonic acid. Due to the unique production process, the nutrients are 100% present in solution and can therefore be taken up directly by the plant. The product is allowed for use in organic agri- and horticulture.

Biota Manga improves the photosynthesis of the crops. It manages enzymes which are responsible for green leaves. A shortage of manganese in the soil causes a pale green discolouration and speckled sports on the plant. Use Biota Manga preventative for optimal growth and curative when manganese deficiency occurs in the crop. Manganese creates strong cellular walls. Biota Manga therefore increases resistance against fungal diseases.

The absorption of manganese is highly dependent on a correct pH value of the soil. Manganese has an antagonistic effect on iron.

## BENEFITS

- Suitable for use in irrigation systems
- Can be administered through leaf application
- Prevents necrosis
- Prevents manganese deficiency

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## APPLICATION

Biota Manga can be used on all crops through foliar application and irrigation. It is advised to always have an expert make a fertilisation plan and to start with a test application. The exact dosage depends on the soil conditions and the crop. No guarantees can be given in the event of incorrect use. Always carry out a test mixing and test application when combining with other products!

Application	Dose	Dosage
Irrigation	2 – 3.5 liter/ha	Up to 4-8 applications per crop cycle, or follow recipe
Foliar application	2.5 – 4 ml/liter	Every two weeks

CROP	APPLICATION
Vegetables	1,5 - 3 liter/ha every 7 days, dripping 1,5 -2.0 liter/ha
Cotton	1,5 - 3 liter/ ha
Corn	1 - 2 liter/ ha
Citrus and fruit trees	1,5 - 3,5 liter/ ha every 10 days until the crop has recovered
Grapevine and olive	1,5 - 2,5 liter/ha in 400 liter water
Ornamental	2,5 - 3,5 liter/ha in a minimum of 400 liter water, dripping 2 – 3 liter/ha
Potato	1,5 - 2,5 liter/ha every 10 days until the crop has recovered

## STORAGE

Store in original closed container.

Store in a dark and dry location at 10 – 30 °C.

Shelf life 1.5 – 2 years.

## PACKAGING

