

BIOTA MANGA

COMPOSITION

	<u>% w/w</u>	
Mangaan (Mn)	6.0 %	Appearance: Liquid
Complexed by lignosulphonic acids		Colour: Dark brown
		pH: 7
		Specific gravity (g/cc): 1,285

PROPERTIES

Biota Manga is a concentrated single manganese fertiliser, based on lignosulphonic acid and part of our liquid organic single fertilizer line. 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 fully made from plant-based materials and certified for use in organic agri- and horticulture. The ingredients are partly sourced from agricultural waste. Due to the natural origin the nutrient content may vary.

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 Manganese preventative for optimal growth and curative when manganese deficiency occurs in the crop. Manganese creates strong cellular walls. Biota Manganese 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

- Prevents necrosis
- Very suitable for use in irrigation systems
- Can be administered as leaf fertilizer
- Direct and quick uptake
- Prevents manganese deficiency

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APPLICATION

It is advised to always have an expert make a fertilization plan and to start with a test application. No guarantees can be given in the event of incorrect use.

APPLICATION	DOSE	INDICATION
IRRIGATION	2 - 3,5 l/ha	Up to 4-8 applications, or follow recipe
FOLIAR APPLICATION	2,5 - 4 cc/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 till 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 till the crop has recovered

STORAGE

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

Shelf life 1.5 – 2 years.

PACKAGING

0,25 – 0,5 – 1 – 10 – 20 – 220 – 1000 L