

BIOTA AMMON 10%

ANALYSIS

	<u>% w/w</u>	
Ammonium	10 %	Appearance: Liquid
Organic matter	6 %	Color: Light brown
		pH: 7.5 – 8.5
		Specific gravity (g/cc): 1.18 – 1.22

PROPERTIES

Biota Ammon 10% is unique because it is the highest concentration liquid biological single fertilizer on the market. Due to the unique production process, the nutrients are 100% present in solution and can therefore be taken up directly by the plant (50% in 8 to 12 minutes). It can be used as a quick source of nitrogen, during maximum vegetative development and to recover from nitrogen deficiency. 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.

Use as a supplement to nitrogen in the soil or as a replacement when the soil has at least 3% organic matter content. Repeated applications of Azotobacter nitrogen fixating bacteria can be reduced by using Biota Ammon 10%.

BENEFITS

- Direct and quick uptake
- Prevents mineral deficiency
- High and quick nitrogen uptake
- Increases resistance against stress conditions
- Higher cellular division
- Better metabolic and enzymatic activity
- Improves soil properties

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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. Excessive use of ammonium can lead to calcium deficiency. It is advised to not use ammonium for more than 20% of the nitrogen requirement.

APPLICATION	DOSE	INDICATION
IRRIGATION	10 – 15 l/ha	Up to 4-8 applications

CROP	APPLICATION
Vegetables	Start for 5 to 6 weeks during development of the first roots. Use weekly during vegetative development, fruit formation and hydric stress.
Cotton	First 5 weeks after planting. Weekly applications from just before bloom until the last bud has developed.
Corn	Start for 5 to 6 weeks during development of the first roots. 3-4 applications every 7-15 days from bloom until the last bud has developed.
Citrus and fruit trees	Start when the first leaves or buds form. Repeat every 7-15 days.
Grapevine and olive	Every 7-15 days from bloom until fruit development.
Ornamental	Start for 5-6 weeks during development of the first roots. Apply weekly, especially during bud formation.
Potato	During development of tubers, especially in sandy soils and at the end of the vegetative stage.

STORAGE

Store in a dark and dry location at 10 – 25 °C.

Shelf life 1.5 – 2 years.

PACKAGING

0.25 – 0.5 – 1 – 10 – 20 – 220 – 1000 L