

BIOTA NPK 7-2-3

HIGH ORGANIC

ANALYSIS

	<u>% w/w</u>	
Nitrogen (N)	7 %	Appearance: Liquid
Phosphorus (P ₂ O ₅)	2 %	Color: Light brown
Potassium (K ₂ O)	3 %	pH: 5 - 6
Organic matter	37 %	Density (kg/l): 1.18 – 1.22

PROPERTIES

Biota NPK 7-2-3 High Organic is unique because it is the highest concentration liquid organic multinutrient 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. It can be used as a quick source of nitrogen, during maximum vegetative development and to recover from nitrogen deficiency. This product with high organic matter content is rich in fulvic and humic acids. These acids bind to nutrients in the soil, improving the roots' nutrient uptake. The product is fully made from plant-based materials and approved 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 NPK 7-2-3.

BENEFITS

- Increases resistance against stress conditions
- Prevents mineral deficiency
- Better rooting system
- Higher cellular division
- Better metabolic and enzymatic activity
- Improves soil properties
- Improves soil structure
- Better nutrient absorption

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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	Dosage
Foliar		3 – 5 ml/liter	Every 1 – 2 weeks
Irrigation	Tree nursery	30 – 50 liter/ha	Every 2 weeks
	Fruits and horticulture	0.3 – 0.7% of irrigation water	Every week

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