

# BIOTA NPK 5-2-5

## ANALYSIS

	<u>% w/w</u>	
Nitrogen (N)	5 %	Appearance: Liquid
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	2 %	Color: Light brown
Potassium (K <sub>2</sub> O)	5 %	pH: 4 - 5
Sodium (Na <sub>2</sub> O)	<0.1%	Density (kg/l): 1.12 – 1.15
Sulfur (SO <sub>3</sub> )	<0.1%	
Chlorine (Cl)	<0.1%	
Organic matter	7 %	

## PROPERTIES

Biota NPK 5-2-5 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. Another unique feature of Biota NPK 5-2-5 is its low content of chlorine, sodium and sulfur. 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.

## 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	0.4 – 0.8% 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