



**PRODUCT INFO
& DATASHEET**

SICOBIO® RANGE

Product code: M-NPK723HO
HS Code: 3101 00 00

SICOBIO® NPK 7.2.3 (37% OM)

Liquid High Organic fertiliser

- Made in E.U. -

04/2021

1. PRODUCT DESCRIPTION & PROPERTIES

SICOBIO NPK 7.2.3 Liquid High Organic is unique because it is the highest concentration liquid organic multinutrient fertiliser 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. The product with high organic matter content (37% OM) 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. 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 fixing bacteria can be reduced by using SICOBIO NPK 7.2.3.

2. PRODUCT SPECIFICATIONS & CERTIFICATE OF ANALYSIS

Chemical Analysis

	% w/w
Total Nitrogen (N)	7 %
Phosphorus (P ₂ O ₅)	2 %
Potassium (K ₂ O)	3 %
Organic Matter	37 %
pH	5 - 6

Physical Properties

Appearance	Liquid
Colour	Light brown
Density (kg/l)	1.18 – 1.22

3. ADVANTAGES & 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

4. USAGE & RECOMMENDATIONS

*** Application**

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

General recommended guidelines

<u>APPLICATION</u>		<u>DOSE</u>	<u>DOSAGE</u>
Foliar		3 – 5 ml/litre	Every 1 – 2 weeks
Irrigation	Tree nursery	30 – 50 litre/ha	Every 2 weeks
	Fruits and horticulture	0.3 – 0.7% of irrigation water	Every week

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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Crop specific 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.

5. PACKING

0.25 – 0.5 – 1 – 10 – 20 -220 -1000 ltr

6. STORAGE & SHELF LIFE

Store in a dark and dry environment at 10- 25° C.

Shelf life: 1.5 – 2 years if stored properly.

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