

AZOTOVIT/NITROPRO
PHOSPHATOVIT/PHOSACTIVE+

TEST PROTOCOL

MICROBIAL SOLUTION

MATERIALS

Our products are microbial fertilizers based on naturally occurring beneficial strains that fix nitrogen and mobilize phosphorus and potassium in the soil.

Form: liquid.
Storage conditions: temperature between 0°C and +30°C, avoiding freezing and direct sunlight.
Shelf life: 12 months from the production date under proper storage conditions.

Grow Well

OPERATOR REQUIREMENTS & PROTOCOL

Land: 1–2 ha of a common crop + control plot (standard plot: 0.3–1 ha)
Skills & Equipment: Agronomic knowledge, standard farm machinery (no special equipment)
Application rate: 2 L/ha per product
(e.g. Azotovit/NitroPro **+** Phosphatovit/PhosActive+ **= 4 L/ha total**)
Application protocol (2 stages):

- Seed treatment or post-sowing spray – 1 L/ha/product
- Field spray after 2 weeks – 1 L/ha/product

Water volume:
Field crops: 200–300 L/ha
Seeds: 10 L / ton
Orchards: 800–2000 L/ha
Storage: 0–30 °C
Plot identification: Labels with crop, sowing date, product & application date (test) / fertilizer rate (control)



GENERAL RECOMMENDED TESTING SCHEME:

Control 1: Farm Standard Technology, application of a full (100%) complex of conventional fertilizers.
Control 2: Farm Standard Technology with a 25% reduction in the volume of conventional fertilizers.

Test Plot 1: Background of Control 1 + Azotovit (2 L/ha) + Phosphatovit (2 L/ha).
Test Plot 2: Background of Control 2 + Azotovit (2 L/ha) + Phosphatovit (2 L/ha).
Test Plot 3: Background of Control 1 + NitroPro (2 L/ha) + PhosActive+ (2 L/ha).
Test Plot 4: Background of Control 2 + NitroPro (2 L/ha) + PhosActive+ (2 L/ha).

GENERAL RECOMMENDED TESTING SCHEME:

Example of how a simple trial for comparing the efficacy of three fertilization program (A, B, C) using four replications can be organized:

Replication 1	Replication 2	Replication 3	Replication 4
B	C	A	B
A	A	C	C
C	B	B	A

Please note: The placement of each program within each block is randomized. This minimizes the influence of field variability on the final result.
It is acceptable for each variant to have only 1 replication; however, sample collection must be carried out from 3-4 randomized locations within the plot.


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