

MICROBIOLOGICAL FERTILIZER



AZOFIT

THE PRODUCT TO INCREASE CROP CAPACITY

Active ingredient – Azotobacter vinelandii
State registration certificate No. 397-19-1260-1 dated 02.04.2017
Valid till 02.04.2027

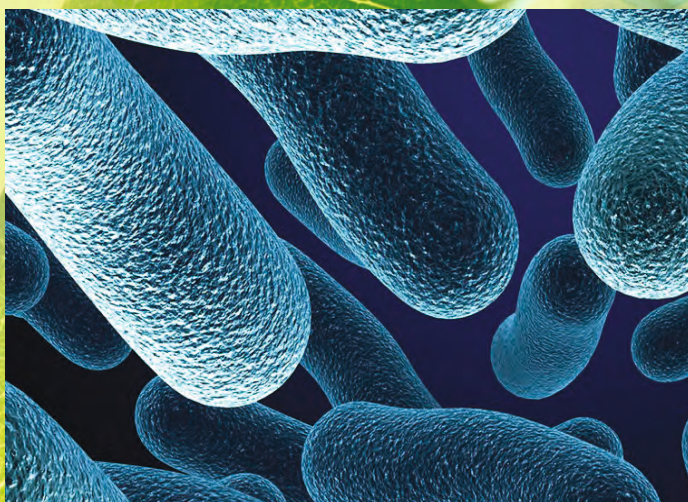
MICROBIOLOGICAL FERTILIZER "AZOFIT"

The product contains nitrogen fixing bacteria Azotobacter vinelandii, which are able to take up nitrogen from air. One part of the biological nitrogen is used by the bacteria, another part evolves into soil in soluble form, easily accessible for crops. Thus, compensation of mineral nitrogen takes place, in case of its lack in soil or if it is inaccessible for crops. No accumulation of nitrate forms of nitrogen is observed. In soils, which have a good balance of nitrogen, the nitrogen fixing bacteria reduce the activity of its production, but increase production of vitamins, growth-stimulators and antibiotics.

Vitamins promote recovery of metabolic processes in crops and increase photosynthesis.

Growth-stimulators (auxins) accelerate root formation and increase root mass, accelerate crop growth rate and increase crop capacity.

Antibiotics stimulate disease resistance, especially, to root diseases.





PRODUCT CHARACTERISTICS

- Provides crops with biological nitrogen
- Stimulates crop growth
- Increases crop capacity over 15-20%
- Accelerates crop maturing by 10-15 days
- Increases utilization ratio of mineral and organic fertilizers
- Increases fibrin in grain crops
- Improves soil structure
- Forms resistance to diseases and stress (low or high ambient temperature; lack or abundance of moisture; relocation; pesticide application; etc.)
- Prevents from nitrates and nitrites accumulation and their content reduction (by 50%) in products

APPLICATION RECOMMENDATIONS

Azofit is recommended for foliar application on grain crops with the help of ground sprayers or air spray generators with aerosol size adjustment; on vegetables for seed soaking, seedlings growing, bedding, root application before hilling or dragging; on potato for tuber soaking or crop and soil spraying before every dragging.

RATES OF AZOFIT APPLICATION

| Crop | Operation | Application rate |
|--|---|------------------|
| Grain crops, oil crops, industrial crops | Seed application 1-5 days before dropping | 1 liter/ton |
| Grain crops, oil crops, industrial crops | Seedling application | 1 liter/ton |

Concentration of working solution:

For watering of: seedlings – 1,0%; crops during vegetation period – 0,3-0,5% (depending on crop condition);

For foliar application – 0,01%-0,1%.

Azofit is produced in liquid form, which is convenient for any type of application.

Applications rates: 1 liter per 1 hectare; 1 liter per 1 ton of seeds.

The product can be used in tank mixtures with herbicides.

Shelf life: 1 year



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