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Azafok

A consortium of agriculturally valuable strains of several beneficial bacterial species in a culture liquid, with a total titre of at least 1×10^9 CFU/cm^3

A liquid microbiological fertilizer to improve nitrogen, phosphorus, and potassium nutrition

Advantages:

- Improves the supply of key nutrients: nitrogen, phosphorus, and potassium
- Wide range of application: soil treatment before seeding, seed and planting material treatment, foliar dressing during the growing period
- Compatible with chemicals, including seed treatments and other plant protection products, without loss of activity
- Growth-stimulating effect
- Fungicidal and bactericidal properties
- Retains all properties during long-term storage
- Can be used for outdoor and indoor growing, in all soil types

Action

The product is based on a consortium of commercially valuable strains of three spore-forming bacteria species:
Bacillus aryabhattai BR4 (RNCIM B-13579),
Paenibacillus polymyxa RNCM B-747,
Paenibacillus mucilaginosus 27 (RNCIM B-13582).
Total number of viable microbial cells: not less than 1×10^{9} CFU/mL.
The bacterial strains in the product have nitrogen-fixing, potassium and phosphate-mobilizing, as well as antagonistic activity against pathogens.

Usage regulations

Crop	Application rate	Time, features of application
All crops	2–4 L/ha Working solution consumption: 200–300 L/ha	Application to the soil in spring, before seeding (planting)
Cereal crops, legumes, technical crops, forage crops	1–2 L/t Working solution consumption: 5–30 L/t	Pre-sowing (pre-planting) seed (planting material) treatment
Vegetables, melons and gourds, fruit and berry crops, flower and ornamental plants	70–200 mL per 1 L of water	Soaking of seeds (planting material) before seeding (planting) for 20–30 minutes
Grain crops, legumes, technical crops, forage crops	1–3 L/ha Working solution consumption: 50–300 L/ha	Foliar application 1–3 times throughout the growing period

Vegetables, melons and gourds, flower and ornamental plants, potato	1–3 L/ha Working solution consumption: 300–800 L/ha	Foliar application 1–3 times throughout the growing period
Fruit and berry crops, grapes	1–3 L/ha Working solution consumption: 800–1,000 L/ha	Foliar application 2–3 times throughout the growing period

Product application features

When preparing tank mixtures, Azafok should be added to the working solution last. Before preparing tank mixtures, it is essential to check the physical and chemical compatibility of the components.

General information

Storage conditions

Store in the consumer packaging in a dry and ventilated warehouse, separate from other materials, substances and food items, out of the reach of children and animals, at +4°C to +25°C. Keep away from direct sunlight.

Guaranteed shelf life

24 months from the date of production.

Safety

Hazard class 3, moderate hazard substance. Producer strains of the preparation are non-pathogenic, not harmful to humans and animals and non-toxic, allergenic or toxigenic.

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia