

APPLICATION INSTRUCTION (industrial sector)

Azotofit®-t multipurpose biopreparation (bioactivator) for growth stimulation and plants nutrition

DESCRIPTION. From brown to black coloured bulky, free-flowing or semi free-flowing substance with slight specific smell.

ACTIVE BASE: natural nitrogen fixing bacteria *Azotobacter chroococcum* cells which can fix atmospheric molecular nitrogen and to convert it into the form accessible for plants; to synthesize growth promoting substances (nicotinic acid, pantothenic acid, pyridoxine, biotin, heteroauxin, gibberellins, etc.); to produce metabolites capable of dissolving hard-soluble soil phosphates; to emit antimicrobial substances.

Total amount of viable microorganisms – at least 0.5×10^9 CFU/g.

INTENDED USE.

- soil treatment prior to planting seeds, flowers, vegetables, fruit and horticultural crops seedlings;
- potting mix compounding for growing vegetable crops seedlings, flowers and replanting;
- potting mix and soil enrichment with useful micro-flora and growth-promoting substances;
- soil fertility enhancement.

AZOTOFIT®-T CONSUMPTION RATES AND APPLICATION METHODS

Consumption rate	Treated crop	Method and time of treatment, limitations	Maximal number of treatments
10 g/m ²	Vegetables and flowers of open and protected agriculture	The soil is treated prior to seeds sowing	1
10 g/m ²		The soil is treated prior to planting (replanting) seedlings	1
1g/kg of potting mix		The potting mix is treated prior to seeds sowing	1
1g/kg of potting mix		The potting mix is treated prior to transplanting seedlings	1
10 g/m ²		Fruit, berry seedlings	The soil is treated prior to planting seedlings

Soil preparation prior to seeds sowing and seedlings planting

To prepare soil for seeds sowing, seedlings growing or replanting, use 10g of Azotofit®-t per 1 m² of the treated acreage spreading it uniformly. The preparation has to be imbedded to 5-10cm depth. Biopreparation Azotofit-t has to be applied every time prior to each next working cycle.

Potting mix compounding for growing seedlings and replanting

The potting mix is compounded stepwise. First stir up thoroughly the advised amount (1g/kg mixture) of Azotofit®-r in a small volume of potting mixture. Then add the ready portion to the remaining potting mixture and stir up it all to spread the preparation uniformly.

AZOTOFIT®-T APPLICATION EFFECT

- accelerates seeds germination and enhances seedlings survival;
- promotes root system development and accelerates plants growth;
- reinforces plants immunity and increases resistance to diseases;
- improves nitrogen nutrition;
- accelerates and prolongs blossoming, improves decorative appearance;
- increases productivity, accelerates ripening, improves fruit quality.

PRECAUTIONS

Wash off the preparation if contacting skin or eyes.

STORAGE CONDITIONS

Azotofit®-t is stored in the dry, sunlight protected place at the temperature not exceeding -20 °C and +25 °C.

Preparation refreezing is **prohibited**.

Guaranteed storage life: 18 months from the production date.

Store separately from pesticides.

State registration certificate: series A # 03130

PRODUCER:

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