

PHOSPHATOVIT®

Active ingredient: *Paenibacillus mucilaginosus*

Mode of action: The bacteria dissolve silicate minerals (triphosphates, phosphorites, apatites, mica) and **release phosphorus and potassium from complex compounds converting them into forms that are accessible and easily absorbable by plants.**

- It mobilizes inaccessible phosphorus and potassium from insoluble compounds in the rhizosphere.
- It increases growing and development capacity of plants due to mobilization of phosphorus, as it is present in nucleotides (ATP, NAD, NADP), nucleic acids (DNA, RNA), vitamins and other organic compounds playing the key role in the plant metabolism.
- It promotes development of the root system and sugar accumulation in plants, enables withstanding adverse environmental conditions.
- It produces additional yields by increasing intensity and efficiency of nutrient utilization by plants.
- It reduces toxic effects on plants after chemical treatment.

Crops: winter wheat, spring wheat, spring barley, winter triticale, rape, corn, sunflower, potato, vegetables, legume crops, fruit and berry crops

Application rate: 0,5-1,0 l/ha (l/t), depending on regional soil and climatic parameters and cultivated crops.

Method of application:

- **Pre-plant treatment:** treatment of seeds with the application rate of 2,0 l/t
- **During vegetation period:** treatment to be done at early stages of growth and development of the crop with the application rate of 0,5-1,0 l/ha

➤ **Preparation of the treatment solution:** Before use shake up the canister with the microbiological fertilizer **PHOSPHATOVIT®** and dilute with water in the tank designated for preparation of the treatment solution, in accordance with recommended rates. The treatment solution should be used within 24 hours after preparation.

Packaging: canister/bottle 10 l/0,2 l

Compatibility with pesticides and agrichemicals: the product is compatible with herbicides, fungicides, insecticides and mineral fertilizers in tank mixtures.

In case of questions please contact our specialists

Industrial Innovations Limited

Korovinksoye shosse, 10, building 2, office 103,

Moscow, Russia 127486

Tel./fax: + 7 (499) 488-88-08