

Phos Activator

Introduction

Phos Activator delivers enhanced phosphate availability for increased root growth and a larger leaf area. Phos Activator is an inoculants containing the naturally occurring soil fungus *Penicillium bilaiae* (*P. bilaiae*), which grows along plant roots, releasing phosphate bound in the soil, making it more available for the crop to use. *Penicillium bilaiae*, the active ingredient in Phos Activator, does not eliminate the need for phosphate fertilizer, but provides crops access to more phosphate for higher yield potential.



Composition

ACTIVE INGREDIENT: *Penicillium Bilaiae* (*P. Bilaiae*)

Bacteria count 2×10^8 CFU/g , powder type, 1 kg per foil bag

Common Crops

- Corn
- Sunflower
- Sorghum
- All wheat
- Peanut
- Sugar beet
- Rice
- Soybean
- Peas

Mode of Action

Efficiently use your phosphate fertilizer

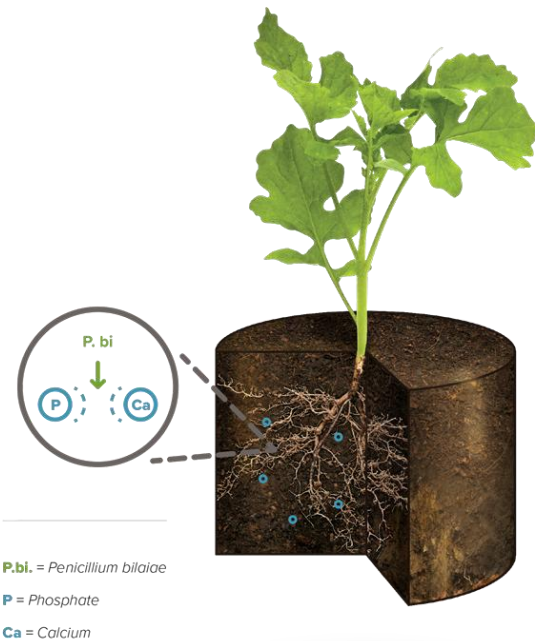
Freeing Phosphate - *Penicillium*

bilaiae releases bound mineral forms of soil and fertilizer phosphate, making it more readily available for the plant to use.

Up to 90% of applied phosphate fertilizer goes unused in the year of application as it gets tied (bound) to soil particles and other elements, making it unavailable to the crop.

Some of this is used over subsequent years, but at least 25% never becomes available¹.

It is crucial to make the most efficient use of fertilizer phosphate to maximize yield potential.



Benefit:

- Improves phosphate availability , enhances early vigor,
- Bolsters root and shoot growth,
- Earlier more uniform maturity
- Supporting greater stress tolerance and earlier,
- Improves yield potential,
- Improves plant nutrition enables plants to better handle enviro pressures,
- Better Potential for winter wheat survival,

- Active in cool soil temperature when phosphate is less available,

Dosage & Method

Apply 1.5 gram / sqm, as early as possible to the crop for optimal effect.

Caution

Do not use together with fungicides.

Packing and shelf life

2 year shelf life, 1 kg per foil bag, 10 kg per carton

Storage

Store in cool and dry, keep out of direct sunshine and moisture. Keep out of reach of children.