

PHOSBAC

PHOSPHATE SOLUBILIZING BACTERIA

Phosphate Solubilizing Bacteria (PSB) in Phosbac dissolve the inorganic phosphate in soil and make it available to the plants. Completely organic, natural, and safe product. Authentic product with live microorganisms.

WHY PHOSBAC?

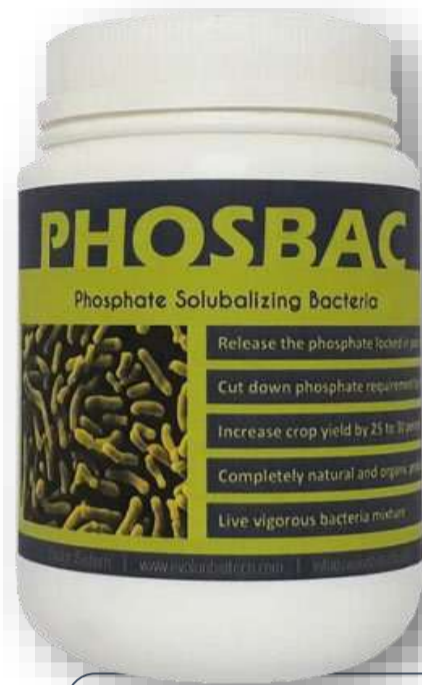
Phosbac from **Evolon Biotech** has a consortium of bacteria that dissolve phosphate in soil and make it available for the plants.

Phosphate is a key nutrient required by plants. It is a critical element in DNA and in ATP molecules of the plant cells.

Unfortunately, phosphate is not found in its free form in the soil. Even the phosphate added as fertilizer binds with calcium in soil and forms Tricalcium Phosphate. This bound phosphate cannot be used by plants.

With **Phosbac** you will be able to increase the phosphate availability in soil and cut down the requirement of phosphate fertilizers by 30 to 50 %.

Phosbac works in different types of soil and pH conditions. It can be used for seed and root treatment, and direct soil application.



FEATURES AND BENEFITS

- ☑ Mix in water and use directly. No waiting
- ☑ Natural and 100% organic product
- ☑ Release the phosphate locked in the soil
- ☑ Reduce fertilizer requirement by 50 %
- ☑ Increase crop yield by 25 to 30 %
- ☑ Live vigorous mixture of bacteria and fungi

APPLICATION OF PHOSBAC

Seed treatment

Mix 100 g of Phosbac in 500 ml of water to make a slurry. Mix the seeds (for 1 acre) thoroughly with the slurry. Dry the seeds in shade for 1 hour. Sow the seeds within 24 hours after treatment.

Root treatment

Mix 500 g of Phosbac in 50 liters of water. Dip the roots of the seedlings in the Phosbac mixture for 10 to 15 minutes. Plant the seedlings within 2 to 3 hours.

Direct soil application

Mix 1 Kg of Phosbac with 20 Kg of dried cow dung. Broadcast the mix in one-acre field before transplanting.

| | Technical grade (for small garden / farm / domestic use) | Industrial grade (large farms) |
|----------------|--|--|
| COUNT | 10 ⁷ CFU /g | 10 ⁷ CFU /g |
| PACKING | 1 Kg jar, 5 – 25 Kg box with sealed packets | 50 Kg laminated moisture proof bags |
| FORM | Free flowing fine powder | Free flowing granular powder |
| COLOUR | Off-White to Light Brown | Dark brown to Grey Brown |
| BIOCULTURE | Approved GRAS status microorganisms | Approved GRAS status bacteria microorganisms |
| ORGANIC STATUS | 100 % Organic | 100 % Organic |
| DOSAGE | 1 Kg per Acre | 1 Kg per Acre |
| MNF. CAPACITY | 3000 Kg / month | 80 ton per month |
| COST | Rs. 340 / Kg | Rs. 100 / Kg (Minimum Order 500 Kg) |
| SAFETY | Although Phosbac is completely safe, we recommend using gloves and mask while using the powder. Phosbac contains live microorganisms. Please consult your physician in case of any discomfort. | |

How much Phosbac will I need?

1 Kg of Phosbac is sufficient for 1 acre land broadcasting or seed treatment.

Does it need any special equipment for use?

Phosbac does not need any specific equipment or set-up.

CAUTION

It contains live bacteria.

Do not mix along with chemical pesticides while using the product.

Use gloves and mask while using the product.

In case of allergic reactions, contact your doctor.

Close lid tightly after use.

SPECIFICATIONS

Count: 10⁷ / g
Made in India

Evolon Biotech

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