



BBA

BIOSOLUTION

Nurturing Nature's Solutions



Hydroponic



BENEFICIAL BACTERIA

Promote more flowering by improving phosphorus uptake through microbial action, convert insoluble phosphate into bioavailable forms for plants



Stimulate
Flowering



Root
Application



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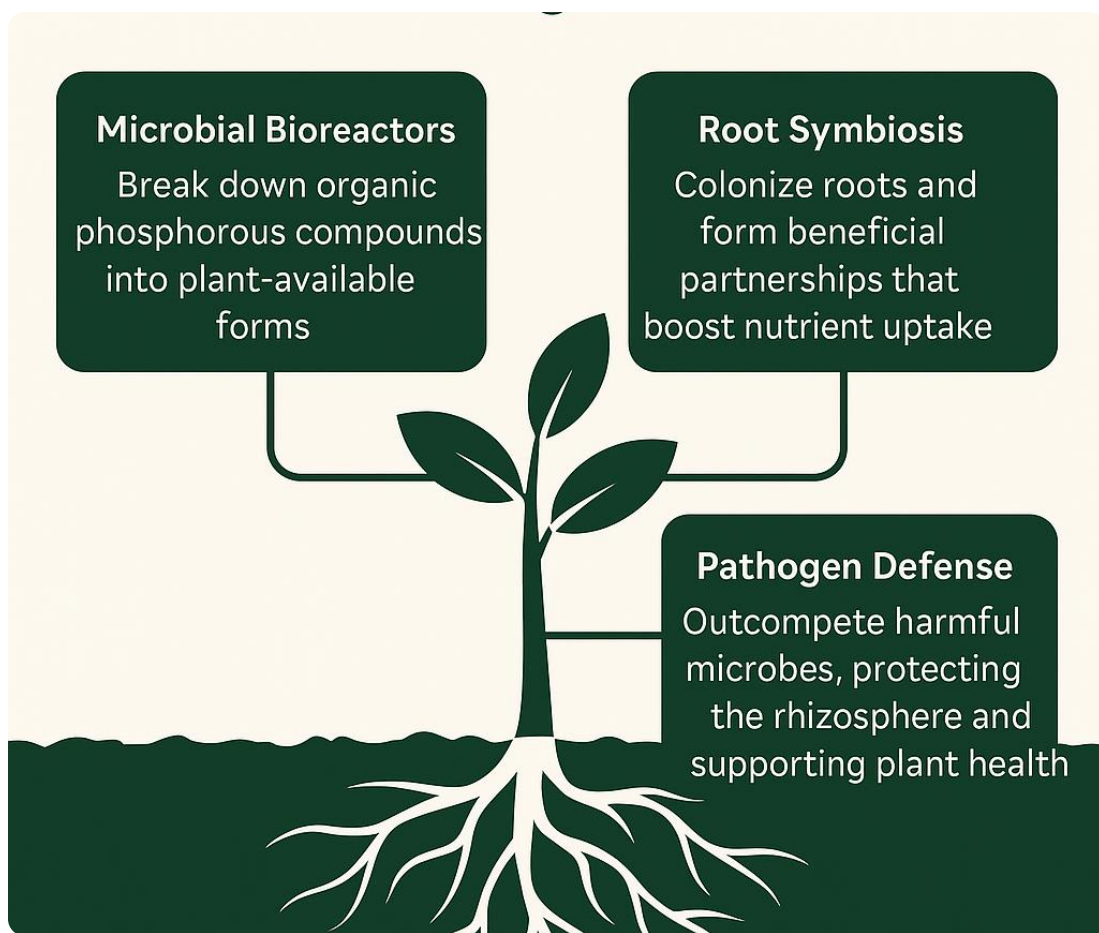
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This product is enriched with highly active **phosphate-solubilising microorganisms**. These beneficial strains function like microbial bioreactors, converting insoluble phosphorus compounds—such as tricalcium phosphate, iron phosphate, and aluminium phosphate—into plant-available forms.

Specially formulated to enhance phosphorus availability during the blooming phase, this solution promotes root development, flower initiation, and improved crop yield. When used in the clone and vegetative stages, it helps build a strong foundation for optimal nutrient uptake and reproductive growth.

ADVANTAGES

- **High phosphorus solubilizing ability:** Produces organic acids (gluconic, citric, oxalic) and enzymes that convert insoluble phosphate into bioavailable forms for plants.
- **Stimulates flowering and fruiting:** By increasing phosphorus availability, it directly supports flower induction and pollen viability.
- **Produces plant growth-promoting substances:** Such as auxins and gibberellins.
- **Speeds up the flowering cycle:** plants may flower 1-2 weeks earlier.



Phosphate-solubilising Beneficial Bacteria – Application Details

- Do not underdose; overdosing is safe and ensures optimal results.
- To calculate total litres to be treated: Length x Width x Depth x 1000 = Total Litres

Situation	Treatment Rate	Comments
Soil, Hydroponics / Coco (both passive and active systems)	<ul style="list-style-type: none">• Use it at 1.6ml per 10 litres weekly all the way through the growing and flowering cycle.	Double the dosage at the first application to ensure beneficial bacteria dominate the ecosystem.

The above dose rate is a guideline that may need to be increased or decreased according to individual conditions, such as plant type and size, plant density, soil type, climate zone or with another microbial solutions. For further information regarding application rates and timings or compatibility, please contact BBA BioSolutions for technical support.

CHARACTERISTICS

Living Microorganisms

Highly - Concentrated Aerobic Beneficial Bacteria

Package Sizes

500mL, 1L, 5L

Storage Information

Store in the closed, original container out of direct sunlight. Best stored between 5 - 45 °C for up to 18 months. DO NOT FREEZE.

Always read and follow label instructions



Shields the plant rhizosphere by outcompeting harmful pathogenic microbes.



More phosphorus means shorter internodes and bigger, fuller buds—where it really counts.



Specific selected bacteria strains that continually release nutrients.



Safe for use in soil, soilless and hydroponic systems.

MAXIMISING PERFORMANCE

- Evenly apply when water temperature is above 10°C.
- Add it after adding your other nutrients and after pHing.
- Keep in original bottle, with cap tightly sealed.



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