



## **Plant Growth-Promoting Rhizobacteria (PGPR) by NTHRYS**

[All Products](#) [Agriculture Products](#) [Back to Biofertilizers](#)

### **Various Crops that can Utilize Plant Growth-Promoting Rhizobacteria (PGPR)**

1. Wheat
2. Rice
3. Maize (Corn)
4. Sorghum
5. Barley
6. Millet
7. Sugarcane
8. Cotton
9. Sunflower
10. Mustard
11. Canola (Rapeseed)
12. Safflower
13. Groundnuts (Peanuts)
14. Chickpeas
15. Peas
16. Beans (Common beans, Kidney beans, etc.)
17. Lentils
18. Potatoes
19. Tomatoes
20. Onions
21. Garlic
22. Carrots
23. Cabbage
24. Cauliflower
25. Spinach
26. Brinjal (Eggplant)
27. Oranges
28. Bananas
29. Grapes
30. Pineapple
31. Strawberries

## **Various Stages of Crop for Application**

Plant Growth-Promoting Rhizobacteria (PGPR) are highly effective when applied during seed treatment, soil application, or as a foliar spray during critical growth stages such as germination and flowering.

## **Advantages**

These biofertilizers improve nutrient uptake, enhance root growth, promote better stress tolerance, and protect against certain soil-borne pathogens, leading to healthier and more productive crops.

## **Storage / Shelf Lifting**

NTHRYS Plant Growth-Promoting Rhizobacteria should be stored in a cool, dry place away from direct sunlight. They have a shelf life of 12 to 18 months when stored under proper conditions.

## **Application Process**

For soil application, use 5-10 kg per hectare. For seed treatment, apply 1-2 kg per 100 kg of seeds. For foliar application, dissolve 2-5 kg in water and spray during key growth stages. Ensure even distribution for optimal results.

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