

Endophytic Biofertilizers by NTHRYS

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Various Crops that can Utilize Endophytic Biofertilizers

1. Rice
2. Wheat
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

Endophytic Biofertilizers can be applied during seed treatment, at transplanting, or during early

growth stages to enhance root colonization and improve overall plant vigor.

Advantages

These biofertilizers colonize the interior of plant tissues, improving nutrient uptake, enhancing stress tolerance, and providing protection against pathogens, leading to healthier plants with higher yields.

Storage / Shelf Lifting

NTHRYS Endophytic Biofertilizers 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 transplanting, dip the roots in a solution of 1-2 kg in 10 liters of water before planting. Ensure even application for optimal results.

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