



## Iron-chelating Biofertilizers by NTHRYS

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### Various Crops that can Utilize Iron-chelating 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

Iron-chelating Biofertilizers are particularly effective when applied during the early growth

stages, especially in iron-deficient soils, to prevent chlorosis and ensure healthy crop development.

### **Advantages**

These biofertilizers solubilize and chelate iron, making it more available to plants. Iron is crucial for chlorophyll synthesis and overall plant health, leading to improved growth, better yields, and reduced chlorosis.

### **Storage / Shelf Lifting**

NTHRYS Iron-chelating 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 foliar application, dissolve 2-5 kg in water and spray during key growth stages. Ensure even distribution for optimal results.

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