



Silicate Solubilizing Biofertilizers by NTHRYS

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Various Crops that can Utilize Silicate Solubilizing Biofertilizers

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

Various Stages of Crop for Application

Silicate Solubilizing Biofertilizers can be applied during soil preparation, at planting, or during early vegetative growth stages to improve silicon availability in the soil, leading to stronger plant

structures and better stress tolerance.

Advantages

These biofertilizers solubilize silicate minerals in the soil, making silicon available to plants. Silicon strengthens plant cell walls, improves resistance to pests and diseases, enhances drought tolerance, and leads to overall healthier plants.

Storage / Shelf Life

NTHRYS Silicate Solubilizing 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 foliar application, dissolve 2-5 kg in water and apply during the early growth stages. Ensure even distribution for optimal results.

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