



**A BIO-FERTILIZER TO IMPROVE THE BIO-AVAILABILITY OF ZINC AND IMPROVE CROP YIELD.**

**KEY BENEFITS**

- It increases the bioavailability of 'Zn' ions in the soil.
- Enhances chlorophyll & carbohydrate formation through enzyme activation.
- Improves the root and shoot growth of crops.
- Improves overall plant immunity.
- Eco-friendly technology that prevents the Zn' deficiency eg . Khaira disease in Paddy.
- Increases crop yield and quality of the produce.

Z-Bac is a formulation containing Zinc Solubilizing Bacteria (ZSB) which is capable of solubilizing insoluble Zinc by producing organic acids.

Formulation	Powder (Soluble Free Flowing Powder)
Shelf-Life	2 years
Packing	100 g

**USAGE GUIDELINES**



**BROADCASTING**

Mix the recommended quantity (200gm/acre) of bio-products in 50 kg of well-decomposed FYM/ Compost and broadcast in the field.



**DRENCHING**

Calculate the volume of water required for drenching to the number of plants in the desired area. Add the recommended dose (200gm/acre) of formulation in the water and drench it in the root zone of crops.



**FERTIGATION**

It is completely soluble in water giving an advantage for easy and labor-saving application through drip irrigation systems. Mix the recommended dose (200gm/acre) of formulation in the required amount of water and apply it to the desired area.

**CARE SHOULD BE TAKEN WHEN TANK MIXING**

- Use appropriate dosages of formulation as per recommendation.
- Partially fill the spray tank with clean water and then add the specific amount of Bio-product to the tank as required. Add the remaining water. Mix thoroughly.
- DO NOT let the mixture stand overnight.
- DO NOT mix with copper-based fungicides, bactericides, concentrated acids such as sulfuric acid, solvents, or oxidizing agents.
- Apply in the early morning OR evening to create conditions favorable for the germination of spores giving better results.