

# Recharge

A new concept of **sustainable** integrated **crop** management.



## 01 The key advantages of Recharge

Recharge is a powerful formulation of naturally growing microorganisms Trichoderma found in healthy soils. The formulation is capable of empowering your plants, enabling them to remain healthy with improved yield. It unleashes the power of nature and enable crops to fend for themselves whilst combatting the damaging effect of insect pests and fungal attacks. Healthy and robust plants can rise to the challenge and offer a better yield.

## 02 What to expect when using Recharge?

- Recharge triggers the plant's natural defence system.
- Recharge stimulates the biosynthesis of the plant increasing its vigour and yield.
- Recharge forms a symbiotic layer of microorganisms around the root zone - improving the plant's water and nutrient uptake, as well as providing a protective barrier against nematode and pathogenic fungi.
- Recharge will help reduce your pesticide cost by at least 70% without loss of crop quantity or quality.
- By refraining from applying harmful chemicals to the soil, natural fauna will flourish and will enhance soil health and provide a sustainable solution for crop management.

## 03 How does it work?

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## 04 When to apply it:

Recharge can be applied at all stages of crop development, from the seed bed to the main crop field. Application during seedling preparation is preferable as the natural beneficial microbes can inoculate the seedlings root zone - optimising development and preparing the root for planting.

First Application: Recharge should then be applied during land preparation.

Second Application: The second application can take place 25-30 days after seedling transplantation.

Third Application: The third application should occur 55-60 days after transplanting.

## 05 Application rate and frequencies:

Application rate in seed bed:  
1g/seedling or 100g per 1000 square meter.

**1st application:** 1 kg/ha during transplanting  
**2nd application:** 1kg/ha 25-30 days after transplanting  
**3rd application:** 1kg/ha 55-60 days after transplanting

Application rate in crop field:

**Dilution rate:** dilute 1 g of Recharge per litre of water and make spray volume of 500 to 1000 litres depending on plant size.

Recharge can be applied with irrigation water. Apply uniformly throughout the crop field. It is recommended that crops are irrigated following the Recharge application.

## 06 Important Notes:

1. Do not reduce manure or fertiliser application for crop production, continue with normal rate of application throughout the trial.
2. Do not use chemical fungicide or nematicide on the plant root zone.
3. Do not use as tank mix with chemical fungicide or pesticide.
4. Do not apply dry Recharge formulation directly on to the soil without dissolving in water first.

## 07 Precautions:

- Keep the product in a cool and dry place.
- Keep out of reach of children.
- Use gloves and protective clothing during application of the product.
- Do not eat, drink and smoke during application of the product.
- Clean the sprayer tank with plenty of water before application as sprayer may contain chemical fungicide or pesticide residue from previous use.