



May be used in organic crop production in accordance to the NPOP



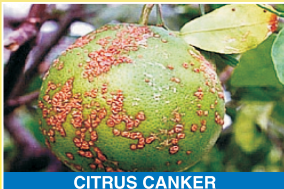
# SPARSHA<sup>®</sup>

*Pseudomonas fluorescens* 1.0% W.P.

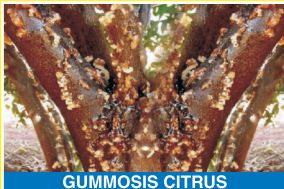
## BIO-PESTICIDE



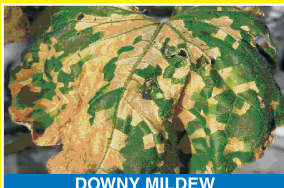
EARLY BLIGHT IN POTATO



CITRUS CANKER



GUMMOSIS CITRUS



DOWNY MILDEW



POWDERY MILDEW



RHIZOM ROT IN GINGER



ONION SMUT

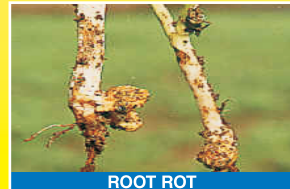
## जैविक कीटनाशक



FRUIT SPOT



CHILLY LEAF CURL



ROOT ROT



*Pseudomonas fluorescens*

Farmers' first choice since 1974



# MULTIPLY SPARSHA

*Pseudomonas fluorescens* 1.0% W.P.

(Min.  $1 \times 10^8$  CFU /gm for Carrier Based)

Multiplex Sparsha is a potential formulation of beneficial bacterial bio agent, where pathogen suppression is done by competition of nutrients or chemical antibiosis. Multiplex Sparsha produces certain secondary metabolites and resulting into depletion of pathogenic fungal and bacterial population. Besides, Multiplex Sparsha also help to enhance the availability of chelated micronutrient in the rhizosphere which builds up plant innate immunity to fight against pathogens, known as ISR (Induced systemic resistance) and also helps in growth and development of the plant.

**TARGET CROPS:** Cereals, Vegetables, Pulses, Oilseeds, spice crops, plantations crops, horticulture crops etc.

## DIRECTION FOR USE

**Recommended Dosage:** Carrier based - 2 to 5 kg per acre

**Foliar Spray:** Mix 5 gm of Multiplex Sparsha in one liter of water. This solution should be sprayed using knapsack sprayer or any other conventional sprayer 2 to 3 times at 15 days intervals.

**Seed Treatment:** Treat the seeds with Multiplex Sparsha at the rate of 20 gm/ kg of seeds.

**Nursery Beds Treatment:** Treat the beds with Multiplex Sparsha at the rate of 50 gm/ sq.m.

**Seedling Dipping:** Mix 50 gm of Multiplex Sparsha in one liter of water and dip the seedlings for 10 min & then transplant.

**Main Field/ Soil Application (Powder Formulation):** Apply Multiplex Sparsha at the rate of 5 kg/ acre along with enriched FYM or Multiplex Annapurna at the rate of 120 to 150 kg/ acre to the soil before transplanting.

## BENEFITS OF MULTIPLY SPARSHA

- ◆ It effectively controls soil borne pathogens causing Bacterial and fungal wilts
- ◆ Suppresses the plant parasitic nematodes specifically Root-knot nematodes infecting Tomato and Okra.
- ◆ *Pseudomonas fluorescens* is also called as PGPR (Plant growth promoting rhizobacteria) as it enhances plant growth & yield significantly.
- ◆ Triggers the natural immunity in the plants.

**Available Packing:** 500 g & 1 kg



## MULTIPLY BIO-TECH PVT. LTD.

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