

TARGET DISEASE & CROPS

Multiplex Bio-Jodi controls blast and sheath blight of paddy, late blight & early blight of potato, tomato and other solanaceous crops. Root and stem rots caused by Sclerotium and Rhizoctonia, wilts caused by Fusarium and blights or leaf spots caused by Alternaria, Cercospora, Downy mildew and Powdery mildew diseases of cotton, cereals, pulses, vegetables, oilseeds, fruit plants, plantation and floriculture.

Bacterial leaf spot & blight of Lemon, Pomegranate, Apple, Grapes, Cucurbits, Peas, Vegetable, Fruit crops & Plantation crops

Important Note - Multiplex Bio-Jodi is compatible with most chemical fungicides and all bio pesticides, but **Not compatible with bactericides.**

STORAGE: 2 year, if stored in dark, well ventilated rooms in original packing at cool and dry places away from direct sunlight.



Manufactured by
MULTIPLEX BIO-TECH PVT. LTD.

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



multiplex[®]



BIO-JODI[®]

Bio Fungicide & Bio Bactericide



Farmers' first choice since 1974



BIO-JODI[®]

Bio Fungicide & Bio Bactericide

MULTIPLEX BIO-JODI contains more efficient & selective strains of beneficial microorganism like *Bacillus subtilis* and *Pseudomonas fluorescense*. These organisms can produce antibiotics during sporulation & supports plant growth. Multiplex Bio-Jodi form a thin bio films of bacterial colonies that prevents other pathogens from infecting the plant. Our bacterial strains in Bio-Jodi can act as bio-fungicides, bio-bactericide for controlling many foliar bacterial & fungal diseases and also as plant growth promoter.

Multiplex Bio-Jodi can be used as soil application, foliar spray, seed & seedling treatment and drenching to the active root zone.

MODE OF ACTION

- Beneficial microbes of Multiplex Bio-Jodi take up space on the leaves/roots leaving less or no area for entry of disease causing pathogens.
- Multiplex Bio-Jodi combats pathogenic fungi through the production of a chemical that inhibits the pathogen's growth
- Multiplex Bio-Jodi inhibits plant pathogen spore germination, disrupts germ tube growth and interferes with the attachment of the pathogen to the plant. It is also reported to induce systemic acquired resistance against bacterial pathogens
- Multiplex Bio-Jodi can effectively control plant fungal and bacterial diseases by competing with other plant pathogenic microorganisms by either killing them or suppressing their growth through producing a group of antibiotics and also supports plant growth by producing plant growth hormones.
- They have direct fungicidal activity on many pathogens.

AVAILABLE FORMULATIONS

- Aqueous suspension (AS)
- Wettable powder formulation (W.P)

DOSAGE AND DIRECTIONS FOR USE

◆ AQUEOUS SUSPENSION (AS)

Foliar spray: Mix 2 ml of Multiplex Bio-Jodi in one liter of water and spray. We recommend 2-3 sprays at 15 days interval. Do not use any bactericide at least 5-7 days before or after use of Multiplex Bio-Jodi.

Important Notes while foliar spray

- Use Multiplex Bio-Jodi as a prophylactic spray rather than curative measure for better control of diseases.
- It is recommended to use sticking agent along with Bio-Jodi for foliar spray
- Ensure that Multiplex Bio-Jodi is uniformly sprayed to cover the stem & foliage for better result.
- Use Multiplex Bio-Jodi during evening hours/ cool hours for effective results.

Drip application: For one acre. Mix 1000 ml of Multiplex Bio-Jodi in 200 liters of water and feed through drip system. Repeat the drip application 4 weeks after first application. Maintain adequate moisture in the soil at the time of application and thereafter up to 15 days.

Multiplex Bio-Jodi - AS (Aqueous suspension) is available in 100 ml, 250 ml, 500 ml & 1 liter packing.

◆ WETTABLE POWDER FORMULATION (W.P)

Foliar spray: Mix 5-10 g of Multiplex Bio-Jodi in one liter of water. This solution should be sprayed using knapsack sprayer or any other conventional sprayer, 2-3 times at 15 days intervals. Do not use any bactericides at least for 5-7 days before or after the use of Multiplex Bio-Jodi.

Soil Application: 1-2 kg of Multiplex Bio-Jodi in 100 kg of FYM or 90 kg Multiplex Annapurna & broadcast over one acre. Maintain adequate moisture at the time of application.

Seed treatment: Disperse 10 g of Multiplex Bio-Jodi in 10ml of water to make slurry and treat 1 kg seed.

Nursery: Disperse 250 g Multiplex Bio-Jodi in 10 lt of water & drench the bed.

Seedling Dipping: Mix 20 g of Multiplex Bio-Jodi in one liter of water and dip the seedling for 15-30 min in this solution & than transplant.

Multiplex Bio-Jodi- W.P (Wettable powder formulation) is available in 50g, 100g, 250g, 500g, 1kg and 5 kg packing.