



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



multiplex[®]



AADHAR[®]

Azospirillum brasilense



BIO-FERTILIZER

Available in Packing

Liquid: 100 ml, 250 ml, 500 ml, 1 Ltr

Powder: 1 kg

Farmers' first choice since 1974



AADHAR®

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BIO-FERTILIZER



In Plants nitrogen is one of the essential major nutrients for obtaining good crop yield. Nitrogen is assimilated in plants and is involved in the synthesis of essential metabolites like growth hormones, proteins, enzymes, chlorophyll pigments, amino acids, etc. Although nitrogen is present in the atmosphere, plants cannot absorb it directly, resulting in dependency on chemical fertilizers which led to significant increase in crop yields nevertheless it is polluting the environment especially soil and underground water. Multiplex Aadhar contains *Azospirillum brasilense* an active bacterial strain non symbiotic in nature that helps to fix atmospheric by nitrogen non-leguminous plants into the soil resulting in uptake of Nitrogen by plants, increasing the yield and revitalizes soil health.

ACTIVE INGREDIENT: *Azospirillum brasilense* (Min. 1×10^8 CFU /ml for Liquid Based & min. 5×10^7 CFU /gm for Carrier Based)

TARGET CROPS: Cereals, Millets, Pulses, Oilseeds, Fiber Crops, Sugarcane, Forage Crops, Plantation crops, Vegetables, Fruits, Spices, Flowers, Medicinal crops, Aromatic Crops, Orchards and Ornamentals

DIRECTION FOR USE

DOSAGE: Liquid based - 1 to 2 liters per acre and Carrier based - 2 to 5 kg per acre

SEEDS TREATMENT: Mix 100 ml or 500 gm of Multiplex Aadhar in 500 ml of rice starch (Ganji) / 500 ml jaggery syrup and coat the seeds required for one acre. Keep the treated seeds for shade drying for an hour before sowing.

SEEDLING ROOT DIP: Mix 250 ml of Multiplex Aadhar in 50-liter of water and dip the roots of seedlings for 10 to 20 minutes before sowing.

NURSERY: Mix 1 kg or 200 ml of Multiplex Aadhar with 10 kg dried farmyard manure/Multiplex Annapurna and apply to nursery which has seedlings for one acre.

MAIN FIELD/ SOIL APPLICATION: Mix 4 to 5 kg or 2 liters of Multiplex Aadhar mix with 100 kg dried farmyard manure/ Multiplex Annapurna and broadcast to 1 acre of land.

DRIP IRRIGATION: Mix 2 liters of Multiplex Aadhar in 200-liters of water and irrigate through drip for 1 acre.

BENEFITS OF MULTIPLEX AADHAR

- ◆ It produces growth promoting substances like IAA, GA, Cytokinin & Vitamins that have beneficial effects on crop growth.
- ◆ Nitrogen usage efficiency in agricultural lands can be improved resulting in sustainable agriculture and eco-friendly
- ◆ It promotes plant growth by production of phytohormones
- ◆ It helps to induce tolerance to biotic and abiotic stresses

PRECAUTIONS: AADHAR shouldn't be mixed with any insecticides, fungicide or weedicides during application.



Manufactured by

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