Red Gooseberry Plant Probiotics

Red Gooseberry Plant Probiotics Formulationby NTHRYS

Plant Probiotics Standardized by NTHRYS for Red Gooseberry Cultivation addresses below parameters in order to assist farming community to achieve better profits in Red Gooseberry Cultivation.

1. Increase in fruit yield and quality.
2. It protects the crop from pests and diseases, such as Gooseberry Sawfly, American Gooseberry Mildew, and Anthracnose.
3. Enhancement in Nutrient Uptake and Metabolic Health.
4. Improving Plant Vigor and Fruit Size.
5. Increases Leaf Size and Photosynthetic Efficiency.
6. Increases Chlorophyll Content.
7. Increases Soil Enzyme Activity and the Quantity and Biodiversity of Viable Microorganisms.
8. Enhancement in Rhizosphere Activity.
9. Solubilization of Phosphorus.
10. Solubilization of Potassium.
11. Increase Soil Fertility.

NTHRYS Research Team has formulated Red Gooseberry Plant Probiotics Formulationusing a battery of Microbial Consortium (> 20 strains) to address all the above Objectives.

NTHRYS Plant Probiotics should not be mistaken as Biofertilizers. They are next generation plant supporting microbiome to support respective farmers to gain good profits with their produce.

Application Process :

Soil Treatment Before crop initiation:

1. The soil is treated with **formulation**, before initiating Red Gooseberry planting.
2. 3 Lit of**formulation**is mixed with 100 Kg of Farm Yard Manure (FYM) 1 to 2 days before planting per acre.

Seedling/Cutting Treatment :

1. Red Gooseberry seedlings or cuttings are treated with**formulation**.
2. The seedlings or cuttings are soaked in**formulation**for half an hour before planting. (Use a dilute solution of**formulation**for soaking).

Disease Management in Red Gooseberry:

1. Red Gooseberry suffers from various pests and diseases like Gooseberry Fruitworm, Powdery Mildew, and Leaf Spot.
2. Spraying**formulation**on the plant as well as at the base would help prevent these diseases and pest infestations.

Probiotic Dosage at Various Growth Phases:

1. **After Planting**: 500 ml of**formulation**+ 150 lit water + 1.35 kg of Epsom salt one day before spraying per acre. This should be done immediately after planting seedlings or cuttings and before new growth begins.
2. **Vegetative Growth Phase**: 1 lit of**formulation**+ 200 lit water + 1.8 kg of Epsom salt one day before spraying per acre until plants are fully established.
3. **Pre-harvest Phase:**2 lit of**formulation**added to 300 lit of water + 2.7 kg of Epsom salt one day before spraying per acre a few weeks before the fruit ripens to enhance fruit development and quality. **formulation**Spraying and**formulation**+ **FYM** mixture (3 Lit of**formulation**is mixed with 100 Kg of Farm Yard Manure (FYM) per acre) addition can be done once per every two weeks during active growth periods.

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