

Cannonball Plant Probiotics

Cannonball Tree Plant Probiotics Formulation by NTHRYS

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

1. Enhancement in flowering frequency and fruit yield.
2. It protects the tree from pests and diseases, such as Mealybugs, Scale Insects, and Fungal Leaf Spot.
3. Enhancement in Nutrient Uptake and Metabolic Health.
4. Improving Tree Vigor and Bloom 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 Cannonball Tree Plant Probiotics Formulation using 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 Cannonball Tree planting.
2. 3 Lit **offormulationis** mixed with 100 Kg of Farm Yard Manure (FYM) 1 to 2 days before planting per acre.

Seed/Cutting Treatment: The seeds or cuttings are soaked **informulation**for half an hour before planting to enhance germination and early growth. (Use a dilute solution **offormulation**for soaking).

Disease Management in Cannonball Tree:

1. Cannonball Tree suffers from various pests and diseases like Root Rot, Leaf Blight, and Stem Borers.
2. Spraying**formulation**on the tree 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 **offormulation**+ 150 lit water + 1.35 kg of Epsom salt one day before spraying per acre. This should be done immediately after planting seeds or cuttings and before new growth begins.
2. **Vegetative Growth Phase:** 1 lit **offormulation**+ 200 lit water + 1.8 kg of Epsom salt one day before spraying per acre until trees are fully established.
3. **Pre-flowering and Flowering Phase:**2 lit **offormulation**added to 300 lit of water + 2.7 kg of Epsom salt one day before spraying per acre. Repeat application during the pre-flowering and flowering stages to enhance flower health and fruit set. **formulation**Spraying and**formulation**+ **FYM** mixture (3 Lit **offormulationis** 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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