

Goa Bio-2: Bio-formulation for plant health management of field, vegetable crops and black pepper in Coastal regions:

Background:

ICAR-CCARI had identified a promising plant growth promoting bacterium with disease suppression ability. The bacterium was characterized and studied in detail about its use as bio-agent in field crops, vegetable crops and black pepper cultivation. From the results of field study, it can be concluded that application of Goa Bio-2 improved plant growth parameters, plant health and yield. The results of various studies conducted clearly showed that soil borne disease incidence was significantly lower in Goa Bio-2 treated plants.

Technology details:

Bio-formulation of plant growth promoting bacterium recommended for plant health management in Coastal regions of the country. The population of bacterium in the formulation is $>10^8$ CFUg⁻¹ with the shelf life of at least 18 months. The formulation is recommended in vegetable crops (Brinjal, tomato, chilli and cucumber), black pepper, fruit and plantation crop nurseries.

Benefits of using Goa Bio-2 include, improved plant growth parameters, plant health and yield; reduced soil borne diseases incidence in brinjal, chilli and black pepper; important component in IPM strategy and eco-friendly hence fits in organic farming concept

Licensing terms

- Nature of license: Non-exclusive
- Duration of license: 5 Years
- License fee & other terms: Please contact the Institute

Training support: Up to 3 Persons nominated by the licensee shall be trained for the period up to 5 days. The cost of training at the institute is included in the licensing fee. The expenses for boarding and lodging and travel of the licensee personnel shall be borne by the licensee.

All statutory compliances related to production, sales, transportation, and storage to be fulfilled by the licensee.