Low Cost Multiplication Technology of Salt Tolerant Bio-Growth Enhancers (Bacillus, Pseudomonads & Trichoderma) for Increasing Productivity of Agri-Horti Crops in Normal and Sodic Soils

Present technology was developed to produce microbial consortia of beneficial microbes which have universal applicability, higher self-life and lowest cost of production.

Background
- Continuous use of chemical fertilizers and systemic pesticides changes the micro-environment around root zone of plants and the changed environment does not support the growth of beneficial soil microbes.
- Use of chemical fertilizers is limited to NPK and indiscriminate use of chemical pesticides to control pest and diseases.

Benefits / Utility
- Highly economical.
- The formulation has multiple roles. The ingredients of growth medium are widely available.
- The live count in liquid medium is constant for over 3 months. Take care most of the problems and cover from seed treatment, soil application and foliar.

Country Context
- India

Scalability
- Moderate

Business and Commercial Potential
- Low to moderate potential

Potential investors to this technical innovation
- Firms producing bio-fertilizers, bio-pesticides, planting and seed manufacturing firms
- Planting material suppliers, organic farmers, other production system, landscaping and floriculture industry

Dr. R.B. Rai, drrbrai@yahoo.co.in, 09411699408.
Dr. T. Damodaran

Target Market / Customer
- Farmers having normal or sodic land.
- Nursery owners.
- Seed manufacturing firms.
- Planting material suppliers.
- Organic farmers.
- Other production system.
- Landscaping and floriculture industry.