

BIOINOCULANT PRODUCER FOR AGRICULTURAL APPLICATION

Bioinoculant (biofertilizer/biopesticide) is a substance which contains living microorganisms, that enhances availability of primary nutrients to the host plant when applied or saves plants from pathogen and insect attack. It is applied to seeds, plant surfaces or soil, and colonizes the rhizosphere or the interior of the plant and promotes growth. It may constitute bacteria, fungi, insects and viruses. Application of microbial biofertilizers and biopesticides is being advocated by the Government and environmentalist for sustainable agriculture. However, both availability and quality of bio-inocula is confined to limited areas. Besides, there is a need to popularize the products by explaining/demonstrating their advantages over chemical products to the farmers. In spite of the thrust given to the use of biofertilizers well -trained/skilled manpower to start up small biofertilizer units is not available in the country. Therefore, we propose to develop a Skill Development course in “Bioinoculant Producer for Agriculture Application”. The skilled manpower from the course should also be employable in the existing production units. The proposal is in line with the NSDC mandate of “Creating more non-agricultural jobs under Agriculture Allied services”.

Salient features of the course

- Address the skill gaps in the field of biofertilizer/biopesticide production
- Generation of employment
- Generation of awareness for biofertilizers and biopesticides use
- Help in self employment and giving impetus to entrepreneurs

Title of course	Bioinoculant Producer for Agricultural Application
Duration	200 hrs
Number of seats	10-25
Educational qualification	Graduate in Sci/ Agric/ B.Tech.
Age group	20-35 years
Course fees	Rs. 5,000 (Rs. 20,000 for industry sponsored)
Venue of course	CSIR- National Botanical Research Institute, Lucknow
Name of Scientist	Dr Puneet Singh Chauhan
e-mail	puneet@nbri.res.in
Contact detail	0522-2297999
Residential/Non-residential	Non-residential

CERTIFICATION

Certificate will be issued to the successful candidates by the institute under CSIR Integrated Skill Initiative.