



RPF I

PROFORMA FOR SUBMISSION OF ANNUAL PROGRESS REPORT OF RESEARCH PROJECTS

Part-I: General Information

- 200 Project Code : CI 8.25
2001 Institute Code No. :
2002 ICAR Code no. :
201 Name of Institute and Division :
2011 Name & Address of Institute : IGFRI, Jhansi-284003
2012 Name of Division/Section : Crop Improvement Division
2013 Location of Project : Jhansi

Project Title: CI: Management of nematodes and fungal pathogens associated with root rot complex of Cowpea.

- 203 Priority Area:
2031 Research Approach. :

Applied res.	Basic Res.	Process/Technology Development	Transfer of Technology
01	02	03	04

APPLIED & BASIC RESEARCH

- 204 Specific Area: *Pest Management*
205 Duration
2051 Date of start : 2011
2052 Likely date of completion: 2014
206 Total cost of the Project:
2061 Foreign Exchange component (if any): NIL
207 Project profile summary:
208 Key words: *Nematodes, Fungi, Root Rot complex, Cowpea.*

ITMV

forwarded for na plecu.
hwa 7 20/12/11

Part - II: Investigator Profile

210 Principal Investigator:

2101 Name : M.I. AZMI
2102 Designation : Pr. Scientist
2103 Division : Crop Improvement Division
2104 Location : Jhansi
2105 Institute : IGFRI, Jhansi - 284003

211 Co-investigator:

2111 Name : R.B. Bhaskar
2112 Designation : Sr. Scientist
2113 Division : Crop Improvement Division
2114 Location : Jhansi
2115 Institute : IGFRI, Jhansi - 284003

212 Co- investigator:

2121 Name :
2122 Designation :
2123 Division :
2124 Location :
2125 Institute :

Part - III: Technical Details

220 Introduction and objectives:

2201 Origin of the project: (Problem identification) Cowpea is an important crop and suffers serious incidences of root rot caused by *Rizoctonia sp.* association of nematodes enhances the disease severity (Powell, 1971). therefore management of fungal pathogens and nematodes together is at most required. In the present project proposal similar has been proposed.

2202 Definition of the project: The present project is proposed to evolve safe and eco-friendly sound management practices for the root-rot nematode disease complex in Cowpea.

2203 Immediate objectives:

- To develop eco-friendly management for root rot nematode complex in cowpea.
- To evaluate botanicals for management root rot nematode complex of cowpea caused by nematode and fungi.

2204 Long term objectives: Annexure I

2205 View of status of research in the subject:

International status:

Annexure I

National status:

Annexure I

221 Project Technical Profile:

2211 Organization of work element (for each objective and participating investigator giving man-months involved)

✓ **2212: Methodology:**

- Conduction of experiment.
- Nematode estimation.
- Disease incidence scoring.
- Processing of data.

2213: Plan of action:

All the activities will be continued for three years.

