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RPF I
PROFORMA FOR SUBMISSION OF RESEARCH PROJECTS
PART-I: GENERAL INFORMATION

- 200** Project Code
- 2001 Institute code No. CP 1.1.10
- 2002 ICAR Code No.
- 201** Name of the
Institute and
Division
- 2011 Name and address
of Institute Indian Grassland and Fodder Research Institute,
Jhansi-284003 (UP)
- 2012 Name of Division/
Section Crop Production Division
- 2013 Location of project Research Farm of Crop Production Division
- ✓ **202** Project Title **Standardization of Agro-techniques for newly
released varieties of fodder crops**
- 203** **Priority Area** Resource use efficiency for sustainable fodder
production
- | | | | | | |
|------|----------------------|---------------------|-------------------|-----------------------------------|---------------------------|
| 2031 | Research
approach | Applied
Research | Basic
Research | Process/Technology
Development | Transfer of
Technology |
| | | 01✓ | 02 | 03 | 04 |
- 204** **Specific Area** Maximize fodder production through nutrient and
water management practices.
- 2041 Previous
project/projects in
this specific area
(Year, type of
funding, cost etc.) None in the Institute
- 205** **Duration** 2 years
- 2051 Date of start July, 2010
- 2052 Likely date of
completion June, 2012
- 206** **Total cost of the
project** Rs. 9,67,885/-
- 2061 Foreign exchange
component (if any) Nil

207 Project Profile Summary

Livestock play a key and catalytic role in Indian farming systems and rural and national economics. Low productivity of livestock is a matter of concern, which can be improved by providing quality forage in adequate quantity if the forage production is improved on sustainable basis. The challenge before us is to bridge the gap between a demand of about 900 mt and supply of 550 mt of fodder. In this connection, many varieties of important fodder crops have been developed. To realize the production potential of a variety, there is a need of standardization of Agro-techniques for that variety. Bajra, guinea grass and oat are major fodder crops but production of these crops still not achieved upto potential.

Fertilisers and irrigation are the major factors that influence the fodder yield and quality. These factors becoming costlier due to hikes in fertilizers prices and less recharging of ground water respectively. So, judicious use of fertilizers and irrigation water is needed. This project aims to standardize of Agro-techniques for recently developed varieties of Bajra, Guinea grass and oat.

208 Key words: Agro-techniques, variety, fodder, Guinea grass, bajra, oat, irrigation and nutrient management.

PART – II: INVESTIGATORS PROFILE**210 Principal Investigator**

2101 Name	Mukesh Choudhary
2102 Designation	Scientist (Agronomy)
2103 Division/Section	Crop Production Division
2104 Location	Institute Campus
2105 Institute Address	IGFRI, Jhansi-284 003, Uttar Pradesh, India

PART - III: TECHNICAL DETAILS**220 Introduction and objectives:**

2201 Origin of the project: (Problem identification)

In past few years many varieties of fodder crops have been developed. The production potential of variety differ, it means their inputs requirement may be differ from existing variety. Secondly, to popularise the variety by wide adoption there is a need of standardized agro-techniques. Keeping this view in mind project submitted with the aim to standardized agro techniques with respect to nutrient and water management for recently developed varieties of fodder crops.

PART- V: DECLARATION

This is to certify that;

The research work proposed in the scheme/ project does not in any way duplicate the work already done or being carried out in the institute on the subject.

The same project has been/ has not been submitted to any other agency (ies) for financial support (if already submitted identify project and agency).

The Investigator/co-investigators have been fully consulted in the development of project and have fully undertaken the responsibility to carry out the programme as per the technical programme.

(Mukesh Choudhary)
Principal Investigator

Signature and comments of the Head of the Division/ Section

←
RPP I prepared as per
~~IR~~ IRC recommendation
ANM
30/7/10

Checked
& forwarded
Sanjiv Kumar
31.07.10

Signature and comments of the Director

PMER.