



EDP Training

on

Entrepreneurship Prospects in Bajra x Napier Hybrid Production and Utilization

September 18 - 22, 2023

Organized by

**Agri-Business Incubation Centre
ICAR-Indian Grassland and Fodder Research Institute, Jhansi - 284 003**

**Under
National Agriculture Innovation Fund (Component – II)**

**ICAR - Indian Grassland and Fodder Research Institute
Jhansi - 284 003, India**



About the Programme

India is facing an annual shortage of 11.24% green fodder, 23.40% dry fodder supply and 29.00% in concentrates. Lot of research work has been conducted in the country so far and developed 356 varieties of different fodder crops. Among perennial fodder crops, B x N hybrid and guinea grass are most popular among the farmers for regular supply of green fodder. Recently government of India and state governments are popularizing BN hybrid cultivation for regular and quality fodder production at farmers' fields. B x N hybrid contain about 8-10% crude protein and produces about 100-120 tonnes green fodder per hectare per year in 6-7 cuts and number of cuts may vary as per availability of suitable climatic conditions. Due to heavy feeder of nutrients, its cultivation should be done in a scientific way with stable, sustainable fodder productivity along with better soil health. The cultivation of B x N hybrid in sole or in round the year fodder production in a scientific manner may be helpful in enhanced soil fertility with stability and sustainability. Earlier it was opined that grasses are not suitable for silage production but research shown that good quality of silage can be prepared from B x N hybrid for utilization during lean periods when green fodders become scares. In this view, Agribusiness Incubation Centre of ICAR-IGFRI, Jhansi is going to conduct regular trainings on Entrepreneurship Development in Bajra x Napier Hybrid Production and Utilization covering all aspects of resource management with the sole objective to develop a commercially viable enterprise of B x N hybrid production and marketing its products viz. rooted slips, silage, pellets etc. Therefore, the training is tailored to ensure different stake holders to develop understanding/ ideas about scientific cultivation of B x N hybrid and make them self-reliant in production and marketing of their products. This training will also support the startups to enter a new venture of 'Fodder Agri-Business' for interested clients/ farmers/ entrepreneurs in developing their own business for regular supply of green fodder to peri urban dairies, rooted slips to their sub-clients and silage as a conserved feed for livestock during scares period and making available other products for energy sector for power generation.

Course contents

The entire course curriculum would emphasize upon the theoretical and practical aspects of sustainable BxN hybrid production, utilization and post-harvest management. It includes various aspects viz., Tillage and soil health, management; planting techniques; Efficient nutrient, water and weed management; Machinery and cutting management, Nursery management, Knitting BxN Hybrid in cropping systems, Preparation of silage, quality standards of silage, Balanced feeding to the livestock and commercial fodder production.

Expert Team

Agronomy	:	Dr. Sita Ram Kantwa, Dr Rajiv Agrawal Dr Anoop Kumar Dixit and Dr. Mukesh Choudhary
Veterinary Science	:	Dr. Deepak Upadhyay, Co-PI, ABI
Animal Nutrition	:	Dr. MM Das Dr. KK Singh Dr. PN Dwivedi
Farm Machinery	:	Er. Amit Kumar Patil
Agricultural Economics	:	Dr. Bishwa Baskar Choudhary
Agriculture Structures and Process Engineering	:	Dr. PK Pathak
Plant Breeding	:	Dr. RV Kumar and Dr .Tejveer Singh
Plant Physiology	:	Dr. Prabha Singh
Commercial, financial and corporate management	:	IPTM Unit/Agri-Innovate ICAR New Delhi/ Bundelkhand Chambers of Commerce

Objectives

1. To apprise and sensitize the participants about the scientific concept and parameters of Bajra-Napier Hybrid production and utilization.
2. To develop entrepreneurship in Bajra-Napier Hybrid cultivation and utilization

Concepts

Scientific cultivation and production of BXN Hybrid, Silage as a potential feed for livestock, Mechanization in forage production, harvesting and packaging of green fodder, Processing opportunity in feed & fodder, Exploring possibility of commercial, financial and corporate management, Non-conventional fodder resources and their production and utilization, Economics of fodder production, Practical aspects on green fodder production and fodder products including TMR, feed pellets, silage, leaf meal.

Demonstrations / hand-on experience and visits

Practical on different aspects of BxN Hybrid production, ensiling; Visit to Technology Demonstration Park, Forage Park, Institute dairy and machinery workshop, laboratories, Experimental fields of IGFRI and Sister Institutes, Industries under Bundelkhand Chambers of Commerce

Why to Join?

- Understand forages and their commercial potential.
- New dimensions of opportunities in forage-based enterprises
- Develop contacts and search market/production opportunities
- On spot MOU signing with IGFRI and other stakeholders
- Enter into contract of forage farming for feed, seed and energy
- Testing and certification of products & machines in consultancy mode as per ICAR guidelines
- On spot licensing for seed production of IGFRI fodder varieties.

Important Dates

Last date for receipt of nomination : September 05, 2023
Intimation to selected candidates : September 08, 2023
Training Period : September 18 - 22, 2023

Who can apply?

Farmers/Entrepreneurs/ FPOs/SHGs/NGOs or any individuals interested in Bajra x Napier Hybrid production, conservation and utilization for entrepreneurship development can apply. However, the total number of participants per batch will be restricted to 12 on first-cum-first serve basis.

How to apply?

Farmers/Entrepreneurs/ FPOs/SHGs/NGOs or any individuals are suggested to fill google form (<https://docs.google.com/forms/d/1zY6VmFYkQhgNv3IQUB4vYvT1Q2IjahOe-rwPww2mQs/edit>).

Only On-Line Nominations are accepted. Besides filling google form, nominations will also be accepted through e-mail (abic.igfri@gmail.com / srkantwa@gmail.com). However, the format as appeared on google link and given below will only be considered.

Travel, Boarding and Lodging

To and Fro fare up to ICAR-IGFRI, Jhansi and other expenditures will be borne by individual himself/herself or his/her sponsored organization. However, stay and working Lunch will be provided in PG Hostel of ICAR-IGFRI, Jhansi by Agri Business Incubation Centre of IGFRI, Jhansi.

Venue

Indian Grassland and Fodder Research Institute (IGFRI), Jhansi is a premier Institute conducting basic, strategic and applied research on various aspects of grassland, rangeland and fodder. Jhansi is well connected by rail network from all major railway stations of the country. IGFRI is located 10 km from Jhansi Railway Station and 12 km from Bus Stand on Jhansi - Gwalior highway, locally known as 'Grassland'.

Application form for Participation

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(September 18 - 22, 2023)

1. Name	
2. Father's Name	
3. Designation	
4. Date of Birth	
5. Aadhar No.	
6. Sex (M/F)	
7. Educational qualification	
8. Nature of work experience	
9. Name of sponsoring organization (if any)	
10. Address for correspondence	
City with pin code	
Telephone/mobile No.	
Fax No.	
Email	

Date:

Place:

Signature of applicant

Recommendation of the Sponsoring authority (if any):

Date:

Place:

Signature with seal

Name:

Designation:

Organizing Team

Dr. Amaresh Chandra	Director, ICAR-IGFRI, Jhansi
Dr. Prabha Kant Pathak	Principal Scientist and PI, ABIC
Dr. Sita Ram Kantwa	Principal Scientist (Agronomy)
Dr. Deepak Upadhyay	Scientist (Livestock Production and Management)
Dr. Tejveer Singh	Senior Scientist (Plant Breeding)
Dr Amit Kumar Singh	Scientist (Agricultural Physics)
Dr Prabha Singh	Scientist (Plant Physiology)
Er. Amit Kumar Patil	Scientist (Farm Machinery & Power)
Dr. Bishwa B. Choudhary	Scientist (Agricultural Economics)
Mr. Kailash Prakash Rao	Chief Technical Officer
Dr VK Gupta	Technical Officer