

Capacity Development: Field Day report

Activity title: Promoting cactus (*Opuntia ficus-indica*) as drought resilient feed resource under different agro-ecological production systems across India. Project 3: sub project 2

Action site: Jhansi (India)

Sub activity: Introduction of Cactus (*Opuntia ficus-indica*) as a multi-purpose

Source of funding: ICAR – W3/Bilateral

Activity leader: Dr. Mounir Louhaichi

IGFRI focal Point: Dr. Sunil Kumar

Key national partner: ICAR-Indian Grassland & Fodder Research Institute (IGFRI)

Objective: Increase cactus awareness, dissemination and adoption for improved drought resilience, and to enhance capacity building of all partners.

Target audience: Smallholder farmers, livestock keepers and extension agents

Activity mapped to CRP: CGIAR Research Program on Livestock

Lead Center: International Center for Agricultural Research in the Dry Areas (ICARDA)

Flagship: Feed and Forage

Field day agenda

Date : 1 Novembre, 2018

Location : IGFRI, Jhansi India

8:00 AM to 10:00 AM	Arrival of the Farmers at Cactus plots at CR Farm Registration of Farmers Interaction of farmers with IGFRI Cactus team Exposure to cactus plots and feeding
9.30 AM	Arrival of Chief Guest and IGFRI senior officials to cactus plots Interaction of chief guest and director with farmers
11:00 AM to 1:30 PM	Participation of farmers in IGFRI foundation day programme
1.30 PM to 2.30 PM	Lunch
2.30 PM to 4.30 PM	Visit of farmers to cactus plots and other IGFRI fodder demonstrations, interaction with scientists and distribution of cactus cladodes to willing farmers and wrap up

Minutes

A Cactus Field Day was organized on 01.11.2018 at IGFRI Jhansi (UP) during its foundation day. Nearly seventy five, farm women and Gaushala (cow-shelter) persons participated (60 males and 15 females) in field day. Dr. US Gautam, Vice Chancellor of Banda Agriculture University (UP) was the chief guest during the event. Dr. Gautam appreciated the cactus research and extension work being done by the IGFRI-ICARDA collaborative programme. He showed keen interest in the spineless fodder cactus and promised to send extension/animal scientists from all the KVKs of Banda University (Uttar Pradesh) to IGFRI for exposure on spineless fodder cactus and expressed his willingness to promote it as being done by the Jawahar Lal Nehru Krishi Visva Vidyalaya, Jabalapur in collaboration with IGFRI.

The scientists namely Dr Sunil Kumar, Dr. AK Misra, Dr Shahid Ahmed, Dr D.R. Palsaniya and Dr Vikas Kumar and Dr. Khem Chand from IGFRI, Jhansi participated in scientists – farmer's interaction during this event. Scientist informed the farmers/livestock keepers about the importance of cactus as alternative fodder resource in rainfed dry areas. In view of changing climate and more competition for water, species like cactus need to be promoted for solving the fodder crisis. Farmer's queries related to its plantation, management, quality, palatability and utilization were answered. Farmers were highly enthusiastic and cactus cladodes were also distributed to willing farmers. Farmers made exposure visits to cactus plots at IGFRI research farm. They were educated how to grow, harvest, chaff and fed spineless cactus to animals.



Dr. US Gautam, Vice Chancellor, Banda Agriculture University, Banda (Uttar Pradesh) discussing spineless cactus with team and farmers



Glimpses of Cactus Field Day

Appendix 1: List of Participants in the field day

The approval of posting the pictures and the participants signing sheets was obtained while signing

Promoting cactus (*Opuntia ficus-indica*) as drought resilient feed resource under different agro-ecological production systems across India

Place - Jhansi - Date - 01/11/2018
Participants list

#	NAME	SIGNATURE	*Permission
1	Dhansharath Singh, Garera Datiga	११/११/१८	<input checked="" type="checkbox"/>
2	Ram Singh Yadav, Garera Datiga	राम सिंह	<input checked="" type="checkbox"/>
3	Veer Singh — " —	वीर सिंह	<input checked="" type="checkbox"/>
4	Laxman Singh Yadav — " —	लखन सिंह	<input checked="" type="checkbox"/>
5	Rachna Lal Yadav — " —	रचना लाल	<input checked="" type="checkbox"/>
6	Kripa Ram Pal, Dhobis Datiga	कृपा राम	<input checked="" type="checkbox"/>
7	Lakhan Pal Nohra Datiga	लखन पाल	<input checked="" type="checkbox"/>
8	Sundar Singh Garera Datiga	सुन्दर सिंह	<input checked="" type="checkbox"/>
9	Babalu Yadav Garera Datiga	बबलू	<input checked="" type="checkbox"/>
10	Deepak Purohit, Kaderankhali Lalitpur	दीपक	<input checked="" type="checkbox"/>
11	Mohammed Siddiki — " —	मुहम्मद सिद्दीक	<input checked="" type="checkbox"/>
12	Ganpati Kushwaha — " —	गणपति	<input checked="" type="checkbox"/>
13	Hari Ram Vishwakarma — " —	हरि राम	<input checked="" type="checkbox"/>
14	Alok Babate — " —	आलोक	<input checked="" type="checkbox"/>
15	Vijendra Singh — " —	विजेंद्र सिंह	<input checked="" type="checkbox"/>
16	Govind Das Kushwaha — " —	गोविन्द दास	<input checked="" type="checkbox"/>
17	Princ Jain Sakari, Jhansi	प्रिन्स जैन	<input checked="" type="checkbox"/>
18	Rameshwar Prasad Patil — " —	रमेश्वर प्रसाद	<input checked="" type="checkbox"/>

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#	NAME	SIGNATURE	*Permission
19	Lalit Singh Chauhan	मलिक सिंह	<input checked="" type="checkbox"/>
20	Kulbhigh Yadav	कुलबिहारी	<input checked="" type="checkbox"/>
21	Machharsah Bundel Gurat Jani	मच्छरसाह	<input checked="" type="checkbox"/>
22	Kishor mureshi Kheri Bamanni Shela (Nawadi)	किशोर मुरेशी	<input checked="" type="checkbox"/>
23	Rambali Singh Paragan Datiya	रामबाली	<input checked="" type="checkbox"/>
24	Bhanwar Singh Ghisolehi Datiya	भानवर सिंह	<input checked="" type="checkbox"/>
25	Tara Singh	तारा सिंह	<input checked="" type="checkbox"/>
26	Sanat Kumar Gurung Datiya	सनत कुमार	<input checked="" type="checkbox"/>
27	Akhilesh	अखिलेश	<input checked="" type="checkbox"/>
28	Laxmi Narayan Achari Shahi	लक्ष्मी नारायण	<input checked="" type="checkbox"/>
29	Veen Singh Yadav	वीर सिंह यादव	<input checked="" type="checkbox"/>
30	Jai hind	जै हिन्द यादव	<input checked="" type="checkbox"/>
31	Komal Singh	कमल सिंह यादव	<input checked="" type="checkbox"/>
32	Suresh Kumar	सुरेश कुमार	<input checked="" type="checkbox"/>
33	Devaki pal	देवकी	<input checked="" type="checkbox"/>
34	Jagdish Kishore	जगदीश कुमार	<input checked="" type="checkbox"/>
35	Radni Yadav	रदनी यादव	<input checked="" type="checkbox"/>
36	Raj Kumar Paragan Datiya	राज कुमार	<input checked="" type="checkbox"/>

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Participants list

#	NAME	SIGNATURE	*Permission
37	Kalyan Singh Pabinda Jham	कालीदास कश्यप	<input checked="" type="checkbox"/>
38	Kaushal Kumar	काशीश कुमार	<input checked="" type="checkbox"/>
39	Ankur Nandan	अनुर नन्दन	<input checked="" type="checkbox"/>
40	Shivcharan	शिवचरण	<input checked="" type="checkbox"/>
41	Gyan Singh	ग्यान सिंह	<input checked="" type="checkbox"/>
42	Shivom Raj.	शिवोम राज	<input checked="" type="checkbox"/>
43	Sohan	सोहन सिंह	<input checked="" type="checkbox"/>
44	Narugh	नरेश	<input checked="" type="checkbox"/>
45	Gyan prasad	ग्यानप्रसाद	<input checked="" type="checkbox"/>
46	Imrat Singh	इमरत सिंह	<input checked="" type="checkbox"/>
47	Patiram	पालीराम	<input checked="" type="checkbox"/>
48	Rammati	राममती	<input checked="" type="checkbox"/>
49	Asharam	आशराम	<input checked="" type="checkbox"/>
50	Shiv Bhonde	भोडे	<input checked="" type="checkbox"/>
51	Balewar	बालेवर	<input checked="" type="checkbox"/>
52	Kalaram	कलाराम	<input checked="" type="checkbox"/>
53	Chatur	चतुर	<input checked="" type="checkbox"/>
54	Dinesh	दिनेश	<input checked="" type="checkbox"/>

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#	NAME	SIGNATURE	*Permission
55	Mulaym Singh	मुल्लयम सिंह	<input checked="" type="checkbox"/>
56	Narayan	नारायण	<input checked="" type="checkbox"/>
57	Servaram	सेवराय	<input checked="" type="checkbox"/>
58	Pratap	प्रताप	<input checked="" type="checkbox"/>
59	Bhalwan Singh	भलवान सिंह	<input checked="" type="checkbox"/>
60	Bhagti	भक्ति	<input checked="" type="checkbox"/>
61	Bhagti Path	भक्ति पथ	<input checked="" type="checkbox"/>
62	Bidal	बिदल	<input checked="" type="checkbox"/>
63	Gotiram	गोटीराम	<input checked="" type="checkbox"/>
64	Laxmi Narayan	लक्ष्मी नारायण	<input checked="" type="checkbox"/>
65	Uttam Singh	उत्तम	<input checked="" type="checkbox"/>
66	Prabhu Dayal	प्रभु	<input checked="" type="checkbox"/>
67	Radhe Lal	राधे लाल	<input checked="" type="checkbox"/>
68	Hukum Singh	हकुम सिंह	<input checked="" type="checkbox"/>
69	Jag Jeevan	जगजीवन	<input checked="" type="checkbox"/>
70	Vikram Singh	विक्रम सिंह	<input checked="" type="checkbox"/>
71	Satyam Narayan	सत्यम	<input checked="" type="checkbox"/>
72	Balvan Rajpoot	बलवान	<input checked="" type="checkbox"/>

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#	NAME	SIGNATURE	*Permission
73	भारत सिंह	भारत सिंह	<input checked="" type="checkbox"/>
74	Aakorn yadav	आकेश	<input checked="" type="checkbox"/>
75	डी.आर. पल्लविषा,	डी.आर.	<input checked="" type="checkbox"/>
76			<input type="checkbox"/>
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78			<input type="checkbox"/>
79			<input type="checkbox"/>
80			<input type="checkbox"/>
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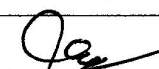
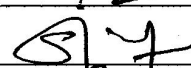
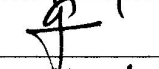
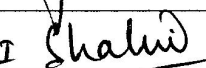

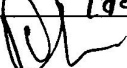
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Participants list

Resource persons

& others

#	NAME	SIGNATURE	*Permission
91	Sunil Kumar, PI		<input checked="" type="checkbox"/>
92	D.R. Palsawya, Co-PI		<input checked="" type="checkbox"/>
93	A.K. Misra, Co-PI		<input checked="" type="checkbox"/>
94	Shahid Ahmad, Co-PI		<input checked="" type="checkbox"/>
95	Vikas Kumar, Co-PI		<input checked="" type="checkbox"/>
96	Khemchand, Director IhPa		<input checked="" type="checkbox"/>
97			<input type="checkbox"/>
98			<input type="checkbox"/>
99			<input type="checkbox"/>
100			<input type="checkbox"/>
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