



RESEARCH
PROGRAM ON
Dryland Systems

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Implementation report on “Medicinal plant value chain in arid region”

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Cultivation of Shankpushpi and linking to Market:-

Production of this native medicinal crop is very low in this area. Farmers have collecting it but not cultivating. Another major limitation for the farmers was very poor access to market. Therefore efforts were made to take it into cultivation. For this purpose on-farm trials were organized at the farmer's fields. The main crops grown in this programme are as followed

Name of crop	No. of farmers	Remarks
Shankpushpi	10	Perennial crop having thrice cutting in a year
Jeevanti	Still demo level	Perennial climber having harvesting once in a year

For the cultivation of Shankpushpi during the monsoon seed was distributed to 56 farmers having the area 39.5 ha to grow and maximum farmers were agreed for cultivation as rainfed.

Shankpushpi collection and bought by Dabur India Ltd.

S. No.	Farmer Name	Village	Weight (kg.)	Amount (Rupees)
1	Satish Kumar/Goparam	Dheerasar	100.00	1600.00
2	Genaram/Raimal Ram	Dheerasar	45.00	720.00
3	Shriram/Bastiram	Dheerasar	158.00	2528.00
Total			303.00	4848.00

**Agnimanth collection and bought by Dabur India Ltd.**

Under the Dabur project Agnimanth had been bought and paid to farmers. It is also a step to gear up the socio-economic status of farmers and the benefit to farmers in capital point of view is as followed in table form.

S. No.	Farmer Name	Village	Weight (kg.)	Amount (Rupees)
1	Satish Kumar/Goparam	Dheerasar	300	4500.00
2	Gainaram/Raimal Ram	Dheerasar	4200	63,000.00
Total			4500	67,500.00

CAPACITY BUILDING:-

a. Training programme

Training is a basic tool for successful implementation of any activity. As the farmers of project area have very little knowledge of improved agriculture technologies. Hence to update their technical knowledge various training programmes were organized during this period. These training programmes were organized according to the need of farmers of particular villages. These trainings were given to the partner farmers as well as other neighboring farmers for expanding and benefiting the other farmers. One off site and four onsite training programmes were conducted. The farmers are also being organized into a producer's group and linked to industry.

Date	Type of training	Location/Village	Total Participants	M	F	Remark
07/01/2015	On site	Dhundaria	57	25	32	Regarding Shankhpushpi and Jeevanti promotion
19-20/01/2015	Off site	KVK, Danta	35	35	-	Regarding Shankhpushpi and jeevanti promotion
18-19/03/2015	Off site	KVK, Danta	30	30	-	Regarding Shankhpushpi and jeevanti promotion



Under the project time to time monitoring carried out to eliminate the short comings i.e. weed infestation, disease or insect infestation. Farmers were encouraged to apply insecticides and fungicides as per recommendations.



Establishment of Medicinal plants demo unit at KVK farmer:-

At KVK premises under medicinal plants cultivation a demo unit has been established where Mulathi, Shankhpushpi, Jeewanti climber with Gonda, Premna are under proper agro pattern to show the farmers so that they can visualize and learn that how to grow and maintain. Apart from this few other medicinal plants also assigned i.e. Brahmi, Aloe vera, Harshingar, Shatawar, Basil, Henna and Guggal . For irrigating these plants sprinkler and Drip irrigation pattern has been adopted to water the plants time to time at optimum interval as per recommendations.



Visitor in Demo unit at

KVK- Visitors are mentioned in below given table month wise.

Month	Male	Female	Total
Oct.2014	55	45	100
Nov.2014	94	58	152
Dec.2014	131	05	136
Jan.2015	43	09	52



Other Activity during the project period

FIELD VISIT-

1. **By ICRISAT Scientists-** ICRISAT Scientist with Tony Chapman visited Dheerasar village on dated 18-19 of Jan., 2015. Where Shankpushpi cultivation's on site condition observed and a film had been shot.

2. **By Dabur Scientists** - on dated 21st Jan 2015 field visit was carried out by Dr. Pankaj Kumar, Principal Scientist, Manpreet Singh and Dheeraj Kumar Sharma from Dabur India Ltd. and required suggestions were given to farmers of Dheerasar and Dhonk village.



3. **By Dabur Scientists:-** while running the project on Medicinal Plants i.e. Shankpushpi, Jeewanti monitoring was carried out time to time and meeting with farmers by Manpreet Singh

4. **By KVK Scientists:-** while running the project on Medicinal Plants i.e. Shankpushpi, Jeewanti monitoring was carried out time to time and meeting with farmers by Dr. Pradeep Pagaria, Dr. Aditya Godara, Sh. S. L. Kantwa, Sh. Shyam Das, Sh. Budha Ram, Smt. Rekha Datwani, Sh. R. A. Pareek and Sh. Sunil Rakecha.



Action Plan

For the next season, 50 farmers have been selected for cultivation of Shankpuspi and 05 farmers for Jeevanti. List below

S.N	Farmer Name	Father /Husband Name	Cast e	Village Name	Area		Crop	Mobile No.
					irrigate d	Rainf aid		
-	-	-	-		0	1	-	-
1	Padma Ram	Chatan Ram	S.C	Ghoniya	0	1	Mix	9983536510

2	Taja ram		S.T	Ghoniya	1	0	Sole	9983286034
3	Verisal Singh	Choth Singh	Gen.	Ghoniya	1	0	Sole	7565269140
4	Mishra Ram	Kheta Ram	S.C	Ghoniya	1	0	Mix	9772722919
5	Dhan Singh	Ridmal Singh	Gen.	Ghoniya	0	0		9772586389
6	Luna Ram	Narsingh Ram	S.C	Ghoniya	0	1	Sole	
7	Goma Ram	Karna Ram	OBC	Ghoniya				9983831842
8	Pancha Ram	Bachu Ram	S.T	Ghoniya	0	1	Mix	9950085911
9	Udai Singh	Bhar Singh	Gen.	Ghoniya	0	1	Mix	
10	Jai Singh	Tag singh	Gen.	Ghoniya	0	1	Mix	8696334054
11	RamuRam	Sabla ram	S.C	Ghoniya	0	1	Mix	
12	Tulsa Ram	Kumbha Ram	OBC	Dundhariya	0	1	Mix	9983536510
13	Narna Ram	Rama Ram	OBC	Dundhariya	1	0	Sole	9983286034
14	Gunesh Ram	Rahim Ram	ST	Dundhariya	1	0	Sole	7565269140
15	Agra Ram	Bhera Ram	ST	Dundhariya	1	0	Mix	9772722919
16	Chetan Ram	Aidan Ram	OBC	Dundhariya	0	0		9772586389
17	Moda Ram	Pokra Ram	OBC	Dundhariya	0	1	Sole	
18	Hanuma Ram	Kesha Ram	OBC	Dundhariya				9983831842
19	Dheera Ram	Peera Ram	OBC	Dundhariya	0	1	Mix	9950085911
20	Rama Ram	Umeeda Ram	OBC	Dundhariya	0	1	Mix	
21	Punma Ram	Kesha Ram	OBC	0	1	Mix		8696334054
22	Gorkha Ram	Harji Ram	OBC	Kothe ka tala	1	0	Inter	9610324980
23	Gordhan Ram	Teja Ram	OBC	Kothe ka tala	1	0	Sole	
24	Gumna Ram	Heera Ram	OBC	Kothe ka tala	1	0	Sole	
25	Mangana Ram	Heera Ram	OBC	Kothe ka tala	1	0	Mix	9610189886
26	Himatha Ram	Chena Ram	OBC	Kothe ka tala	1	0	Mix	
27	Vala Ram	Amra Ram	OBC	Kothe ka tala	1	0	Mix	
28	Purkha Ram	Kesha Ram	ST	Juna Lakheara	0	1	Sole	
29	Dalpat Ram	Daya Ram	ST	Juna Lakheara	0	1	Mix	
30	Daya ram	Mula Ram	ST	Juna Lakheara	0	1	Mix	
31	Megha ram	Moga Ram	OBC	Juna Lakheara	0	1	Sole	9928679867
32	Jesa Ram	Goga Ram	OBC	Juna Lakheara	0	1	Sole	
33	Chuna Ram	Khema Ram	OBC	Juna Lakheara	0	1	Sole	
34	Kumpa Ram	Daya Ram	ST	Juna Lakheara	0	2	Sole	
35	Teja Ram	Shera Ram	SC	Juna Lakheara	0	1	Mix	
36	Megha Ram	Shera Ram	SC	Juna Lakheara	0	1	Sole	
37	Babu Ram	Hanuman Ram		Juna Lakheara	0	2	Sole	
38	Chanana ram	Mahesha Ram		Juna Lakheara	0	1	Sole	

39	Surja Ram	Hanuman Ram		Juna Lakheara	0	2	Sole	
40	Akha Ram	Sona Ram	SC	Juna Lakheara	0	1	Sole	
41	Parbat Singh	Mukan Singh	GEN.	Dhonk		1	Sole	
42	Ram Singh	Mukan Singh	GEN.	Dhonk		1	Sole	9799112087
43	Taga Ram	Lehra Ram	ST	Dhonk		1	Mix	9799948926
44	Rab Singh	Hor Singh	GEN.	Dhonk		1	Mix	
45	Chanana Ram	Taaju Ram	ST	Dhonk		1	Sole	
46	Ratna Ram	Majna ram	GEN.	Dhonk		1	Sole	
47	Dalpat Singh	Naryan Singh	GEN.	Dhonk		1	Sole	9166150325
48	Satish Kumar	Gopa Ram	Gen.	Dheerasar	0	1	Sole	
49	Gena Ram	Raymal Ram	OBC	Dheerasar	0	1	Mix	
50	Hanuman	Meha Ram	OBC	Dheerasar	0	2	Sole	
41	Kheraj Ram	Chuna Ram	OBC	Dheerasar	0	1	Mix	
42	Banka ram	Dola Ram	OBC	Dheerasar	0	1	Mix	
43	Panna Ram	Gena Ram	OBC	Dheerasar	0	2	Mix	
44	Shree Ram	Basti Ram	Gen.	Dheerasar	0	2	Sole	
45	Rama Ram	Anna Ram	OBC	Dheerasar	0	1	Sole	
46	Panna Ram	Raju Ram	OBC	Dheerasar	0	2	Sole	
47	Hanuman Ram	Dola Ram	OBC	Dheerasar	0	1	Sole	
48	Nana Ram	Kheraj Ram	OBC	Dheerasar	0	1	Mix	
49	Bhera Ram	Heera Ram	OBC	Dheerasar	0	1	Mix	
50	Gena Ram	Thana Ram	OBC	Dheerasar	0	1	Sole	



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The CGIAR Research Program on Dryland Systems aims to improve the lives of 1.6 billion people and mitigate land and resource degradation in 3 billion hectares covering the world's dry areas.

Dryland Systems engages in integrated agricultural systems research to address key socioeconomic and biophysical constraints that affect food security, equitable and sustainable land and natural resource management, and the livelihoods of poor and marginalized dryland communities. The program unifies eight CGIAR Centers and uses unique partnership platforms to bind together scientific research results with the skills and capacities of national agricultural research systems (NARS), advanced research institutes (ARIs), non-governmental and civil society organizations, the private sector, and other actors to test and develop practical innovative solutions for rural dryland communities.

The program is led by the International Center for Agricultural Research in the Dry Areas (ICARDA), a member of the CGIAR Consortium. CGIAR is a global agriculture research partnership for a food secure future.

For more information, please visit

drylandsystems.cgiar.org

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